



BEAMED | TRADING

# SCIENCE LAB

## Guide



Scientific & Research  
Division

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**Thomas**  
Scientific

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**EVERmed**  
MEDICAL REFRIGERATION ❄️

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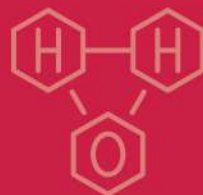
**AFI**  
Groups

106

 **AQUAREAD**  
water monitoring instruments

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# Thomas Scientific



# Category



Acid



Acrylamides



Adsorbents



Agaroses



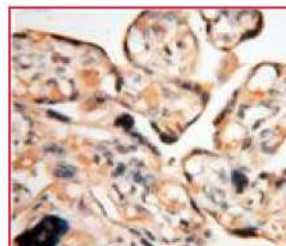
Albumins



Amino Acids



Antibiotics, Antimycotics  
& Preservatives



Antibodies



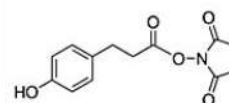
Assay Kits



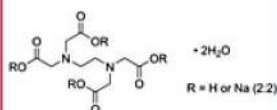
Buffers



New! Cell Expression



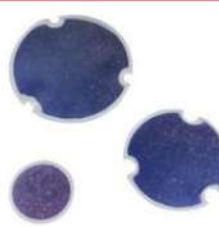
Chaotropic Agents



Chelating Agents



Chromatography  
Reagents



Desiccants



DNA



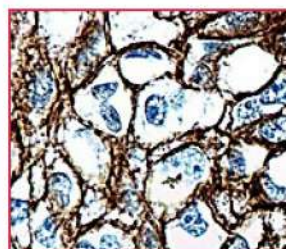
Detergents



Enzymes & Inhibitors



New! Gene Expression



Histology



Indicators



Ingots



Karl Fischer



New Life Science



Media & Components



Membrane Filtration Media



Metal Complexes



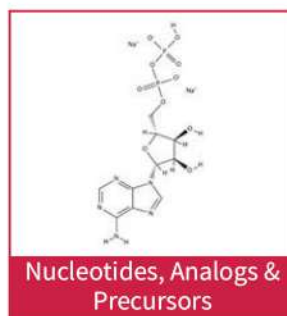
Metals & Oxides



Mixtures, Inorganic



Microscopy



Nucleotides, Analogs & Precursors



Organicreagents



New!  
Organic Synthesis



Phenols



Polymers



Protein



New!  
Protein-Expression



Proteomics



Purification  
& Additives



Rare Earth  
Compounds

# Category



Reagents



Reducing Agents



RNA



Salts



Sera



Solutions



Solvents



SQ Quality Assurance



Stains & Dyes



Standards



Stem & Specialty  
Cell Culture



Substrates



Chelating Agents



New! Synthetica



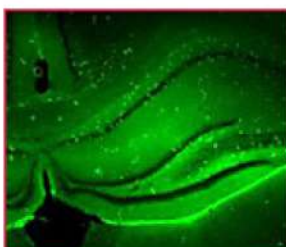
Terpenes



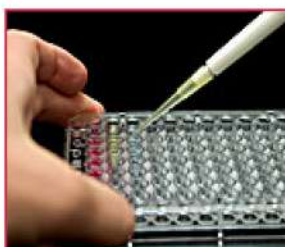
Test Strips



Titrants



Viral Gene Delivery



Western Blotting  
& Elisachemicals



Zwitterionic



# Tissue Culture

## Celltreat Scientific

### Tissue Culture Flasks



CELLTREAT Tissue Culture flasks are manufactured under the most stringent conditions and include a %100 integrity test to assure the reliability with your tissue and cell culture work. Class 100,000 clean room, USP class VI virgin polystyrene, and ISO 9001:2000 quality management systems all contribute to the consistent tissue and cell culture performance of our products. The tissue culture surface treatment used for CELLTREAT products provides a negatively charged hydrophilic surface and results in a consistent cell attachment surface. Growth surfaces are flat and free from striation to maximize usable growth area and transparency. Flasks are available in four different sizes; 12.5cm<sup>2</sup>, 25cm<sup>2</sup>, 75cm<sup>2</sup> and 182cm<sup>2</sup>. Two different cap styles are available. Plug seal caps can provide a closed system or allow gas exchange with a one quarter turn of the cap. Vent caps contain a 0.22 µm filter to allow gas exchange and minimize the risk of cross contamination.

| Thomas No. | Mfr. No. | Description                                                  | Case |
|------------|----------|--------------------------------------------------------------|------|
| 1228K50    | 229321   | 12.5cm <sup>2</sup> Tissue Culture Flask - Vent Cap, Sterile | 200  |
| 1228K52    | 229331   | 25cm <sup>2</sup> Tissue Culture Flask - Vent Cap, Sterile   | 200  |
| 1228K54    | 229341   | 75cm <sup>2</sup> Tissue Culture Flask - Vent Cap, Sterile   | 100  |
| 1228K56    | 229351   | 182cm <sup>2</sup> Tissue Culture Flask - Vent Cap, Sterile  | 40   |

## labForce® (a Thomas Scientific Brand)

### Cell Culture Plate



- Sterilized by E-beam, SAL=10-6.
- High clarity, 100% virgin polystyrene.
- "TC" refers to vacuum plasma tissue culture treatment.
- Clear lot number for batch traceability.
- Markings of well coordinates available for 12, 24, 48 and 128 well plates.
- Non-Pyrogenic, DNase/Rnase free.

| Thomas No. | Description                                                                 | Case |
|------------|-----------------------------------------------------------------------------|------|
| 21A00M442  | Cell Culture Plate, 6 Well, TC, Individually Wrapped, Sterile               | 50   |
| 21A00M443  | Cell Culture Plate, 12 Well, TC, Individually Wrapped, Sterile              | 50   |
| 21A00M444  | Cell Culture Plate, 24 Well, TC, Individually Wrapped, Sterile              | 50   |
| 21A00M446  | Cell Culture Plate, 96 Well, Flat-bottom, TC, Individually Wrapped, Sterile | 100  |

## Corning

### Falcon® Tissue Culture Flasks, Vented



- Sterile
- Flask of optically clear polystyrene, tissue culture treated
- Plug seal screw cap of polyethylene

Incorporate a 0.2 micron microporous membrane filter into a standard Corning® Falcon® plug seal cap to prevent contamination while providing improved consistency in gas exchange over "cracked caps." Capacity/ growth surface area listed below.

| Thomas No. | Mfr. No. | Description                                                                           | Case |
|------------|----------|---------------------------------------------------------------------------------------|------|
| 9381M10    | 3531081  | Falcon® 25cm <sup>2</sup> Rectangular Canted Neck Cell Culture Flask with Vented Cap  | 100  |
| 9381M26    | 353136   | Falcon® 75cm <sup>2</sup> Rectangular Canted Neck Cell Culture Flask with Vented Cap  | 60   |
| 9381M29    | 355001   | Falcon® 150cm <sup>2</sup> Rectangular Canted Neck Cell Culture Flask with Vented Cap | 40   |

## Celltreat Scientific

### Tissue Culture Dishes



CELLTREAT Tissue Culture Dishes are manufactured under the most stringent conditions in order to assure the integrity of your tissue and cell culture work. Class 100,000 clean room, USP class VI virgin polystyrene, and ISO 9001:2000 quality management systems all contribute to the consistent tissue and cell culture performance of our products. The tissue culture surface treatment used for CELLTREAT products produces a negatively charged, hydrophilic surface for consistent cell attachment. Growth surfaces are flat and free from striation to maximize usable growth area and transparency.

Dishes are available in four different sizes; 35mm, 70mm, 90mm and 150mm. Uniformly molded plastic bottom provides a distortion free bottom surface for consistent cell attachment. All dishes are supplied with lids. Lids contain molded-in spacers to provide consistent gas exchange and stacking rings that add stability for handling tall stacks of dishes.

| Thomas No. | Mfr. No. | Description                                                     | Case |
|------------|----------|-----------------------------------------------------------------|------|
| 1228K66    | 229635   | 35mm x 10mm Tissue Culture Treated Dishes, Sterile              | 500  |
| 1221V75    | 229660   | 60mm x 15mm Tissue Culture Treated Dishes w/Grip Ring, Sterile  | 500  |
| 1228K68    | 229690   | 100mm x 15mm Tissue Culture Treated Dishes w/Grip Ring, Sterile | 500  |

## Thermo Scientific Nunc

### Lab-Tek™ I Chamberslide Tissue Culture Slides



Lab-Tek™ I Chamberslide Tissue Culture Slides are Sterile, Disposable Glass Slides with Detachable Chambers

- Soda-lime glass and Permamox plastic slide
- For microscopy of in situ cell culture
- Individual chambers can be used for different cell stains, can be subjected to separate treatment and can be fixed independently, without affecting adjacent chambers

One-piece, compartmented superstructure is attached by a strippable, medical grade bonding gasket to a standard microscope (3" x 1") microslide that serves as a common floor for all chambers; superstructure can be stripped from the slide for staining the cultures on the slide. Slide is 1.2 mm thick with frosted end for marking; single plastic lid covers all chambers and has no handles.

| Thomas No. | Mfr. No. | Description                                                 |
|------------|----------|-------------------------------------------------------------|
| 9384V20    | 177402   | Lab-Tek Chamber Slide w / Cover Glass Slide Sterile 8 Well  |
| 9384V40    | 177399   | Lab-Tek Chamber Slide w / Cover Glass Slide Sterile 4 Well  |
| 9384V50    | 177380   | Lab-Tek Chamber Slide w / Cover Glass Slide Sterile 2 Well  |
| 9384V60    | 177372   | Lab-Tek Chamber Slide w / Cover Glass Slide Sterile 1 Well  |
| 9384W39    | 178599   | Lab-Tek Chamber Slide w / Cover Glass Slide Sterile 16 Well |
| 9384W45    | 171080   | Coverglass For 16-Well Chamberslide Sterile 22 X 74 mm      |

## Corning

### Falcon® Plates



- Versatility of plate colors to suit various detection methods
- Crystal-grade virgin polystyrene Sterilized by gamma irradiation
- Nonpyrogenic Non-treated polystyrene, standard tissue culture (TC), and Corning® Primaria™ surface treatments available
- Convenient, peel-open medical-style packaging for individual product presentation
- Individual and Ready-Stack (RS) trays are PET (Code 1) and recyclable
- Growth area and volume are nominal

| Thomas No. | Mfr. No. | Description                                                                                                        | Case |
|------------|----------|--------------------------------------------------------------------------------------------------------------------|------|
| 6902A01    | 353046   | Falcon® 6-well Clear Flat Bottom TC-treated Multiwell Cell Culture Plate, with Lid, Individually Wrapped, Sterile  | 50   |
| 6902A05    | 353043   | Falcon® 12-well Clear Flat Bottom TC-treated Multiwell Cell Culture Plate, with Lid, Individually Wrapped, Sterile | 50   |
| 6902A09    | 353047   | Falcon® 24-well Clear Flat Bottom TC-treated Multiwell Cell Culture Plate, with Lid, Sterile,                      | 50   |

## Corning

### Vacuum Filtration/Storage Systems

For vacuum filtration of tissue culture or other aqueous solutions

- Sterile, individually packaged
- Color-coded by membrane type
- Certified non-pyrogenic
- Prefilters included

Two-piece, polystyrene, graduated funnel and receiver unit are sterilized by gamma irradiation. Caps for receiver bottle are supplied sterile and individually packaged. Receiver bottles feature easy-grip sides for improved handling. Angled hose connectors simplify vacuum line attachment. Convert to storage bottles by unthreading filter and inserting the plug cap.



| Thomas No. | Mfr. No. | Description                               | Case |
|------------|----------|-------------------------------------------|------|
| 4619W72    | 431153   | Filter System, 150mL, .22um, PES, Sterile | 12   |
| 4619W78    | 431096   | Filter System, 250mL, .22um, PES, Sterile | 12   |
| 4619W84    | 431097   | Filter System, 500mL, .22um, PES, Sterile | 12   |

## Corning

### Falcon® Cell Culture Dishes

- Flat, optically clear polystyrene surfaces for distortion-free microscopic visualization of cells
- Uniform surface chemistry created by vacuum-gas plasma treatment promotes cell attachment
- Improved handling of small dishes with the unique Easy-Grip design
- Nonpyrogenic
- Sterilized by gamma irradiation
- Packaged in peel-open, medical-style bags
- Crystal-grade virgin polystyrene
- Standard Tissue Culture (TC), Corning® Primaria™ surface treatment and non-TC-treated polystyrene available
- Designed for cell culture
- Flat, distortion-free optics
- Lids designed for optimal gas exchange
- Stacking rings allow for easier stacking and handling
- Vacuum-gas plasma treatment permanently and consistently modifies the cell growth surface
- Standard tissue culture surface is hydrophilic and contains a variety of negatively charged functional groups that support cell attachment and spreading
- Corning Primaria tissue culture surface additionally incorporates nitrogen-containing functional groups and has been shown to support improved attachment, spreading, and differentiation of some cell types



| Thomas No. | Mfr. No. | Description                 | Case |
|------------|----------|-----------------------------|------|
| 9380C10    | 353001   | 35 x 10mm style (Easy grip) | 500  |
| 9380C30    | 353002   | 60 x 15mm style             | 500  |
| 9380C51    | 353003   | 100 x 20mm style            | 200  |

## Excel Scientific

### AeraSeal™ Film For Cell and Bacterial Culture

Breathable Membranes for Cell and Bacteria Cultures

- Promotes uniform CO<sub>2</sub>/air exchange for each well
- Minimizes outer well evaporation and cross contamination
- Easily pierceable with pipet tips or pipets for sample recovery
- Recommended for temperatures from -20°C to 80°C

140µm thick hydrophobic, breathable, sealing film with medical-grade adhesive for cell culture plates, bio-blocks, and 96-well plates. Non-cytotoxic. Film dimensions are 142.9 x 82.6 mm. Available non-sterile or sterile.



| Thomas No. | Mfr. No. | Description                | Case |
|------------|----------|----------------------------|------|
| 6980A23    | B-100    | AeraSeal Film, Non-Sterile | 100  |
| 6980A25    | BS-25    | AeraSeal Film, Sterile     | 50   |

## Celltreat Scientific

### CELLTREAT® Cell Scrapers & Lifters

Cell Scrapers are designed for harvesting cells from tissue culture flasks, dishes or bottles.

CELLTREAT Cell Scrapers have soft, pliable blades for improved contact with growth surface to gently remove cells and maximize recovery.

Non-pyrogenic and packaged sterile (gamma irradiated) in individual paper/plastic wrappers with 100 pieces per case.

Available in three sizes:

- 25cm handle with 20mm blade, scraper (229310) and lifter (229311) designs
- 39cm handle with 30mm blade, scraper (229315) and lifter (229316) designs
- 25 and 39cm Cell Scrapers are available with the blade positioned parallel to the handle for windshield wiper like scraping (scraper) or perpendicular to the handle for use with a raking motion (lifter)

NEW – Now available in 30cm handle with 20mm pivoting blade (229312)

Free rotating blade adjusts to the desired position providing access to all corners of the flask or tissue culture vessel

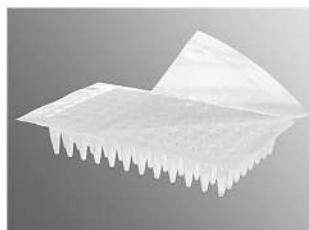


| Thomas No. | Mfr. No. | Description                                 | Case |
|------------|----------|---------------------------------------------|------|
| 1219Z24    | 229310   | 25cm Handle, 20mm "Scraper" Blade           | 100  |
| 1219Z25    | 229311   | 25cm Handle, 20mm "Lifter" Blade            | 100  |
| 1213E98    | 229315   | C39cm Handle, 30mm "Scraper" Blade          | 100  |
| 1213E99    | 229316   | 39cm Handle, 30mm "Lifter" Blade            | 100  |
| 1195V98    | 229312   | C0cm Handle, 20mm "Pivoting" Blade, Sterile | 100  |

## Corning

### Breathable Sealing Film for Tissue Culture Plates, Deep Well Plates, 96-well microplates for cell growth.

Breathable film that allows effective gas exchange for cellular/bacterial cultivation while preventing contamination.



| Thomas No. | Mfr. No. | Description                                     | Case |
|------------|----------|-------------------------------------------------|------|
| 1223S03    | BF-400   | Deep Well Plates for cell growth                | 1000 |
| 1223S04    | BF-400-S | Pre-Sterilized Deep Well Plates for cell growth | 500  |

## DWK Life Sciences (Kimble)

### Borosilicate N-51a Glass Tissue Culture Tubes

- Suitable for tissue culture and general bacteriological use
- Provided with marking spot which also serves for orientation
- Caps are not included with tubes and must be purchased separately
- Packaged in styrofoam trays

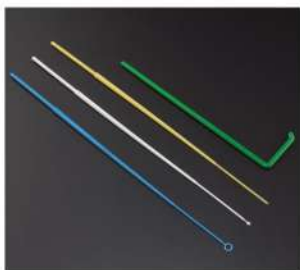
9215D32 tube takes size 13-415 cap and is sold in cases containing 2 shelf packages of 500 tubes. 9215D54 and D76 tubes take size 15-415 cap and are sold in cases containing 4 shelf packages of 250 tubes. 9215D65 Tube takes size 18-415 cap and is sold in cases containing 2 shelf packages of 250 tubes. 9215E18, E26 and E34 caps are of black phenolic plastic with cemented rubber liner and are autoclavable. 9215E52 caps are polypropylene, without liner and autoclavable. Listings indicate tube length x o.d. in mm.



| Thomas No. | Mfr. No.    | Description                                             | Case |
|------------|-------------|---------------------------------------------------------|------|
| 9215D32    | 73750-13100 | Disposable Screw Thread Culture Tubes, 8mL, 100 x 13mm  | 1000 |
| 9215D54    | 73750-16125 | Disposable Screw Thread Culture Tubes, 16mL, 125 x 16mm | 1000 |
| 9215D76    | 73750-16150 | Disposable Screw Thread Culture Tubes, 20mL, 150 x 16mm | 1000 |

## Celltreat Scientific

### Inoculating Loops & Needles



- Made from high quality polypropylene
- Loops and needles available in 3 styles: needle, 1µL loop and 10µL loop
- NEW – L-Shaped Cell Spreader is ideal for evenly spreading bacterial cultures
- Flexible for easy access to small volume tubes and dishes
- Color coded for easy identification

- Packaged sterile (gamma irradiated) in individual or bulk, easy-to-open, paper/plastic wrappers.

| Thomas No. | Mfr. No. | Description                                           | Case |
|------------|----------|-------------------------------------------------------|------|
| 1226S68    | 229601   | 1µl Inoculating Loop, Bulk Pack, White, 218mm         | 2000 |
| 1224R34    | 229602   | 1µl Inoculating Loop, Individual Pack, White, 218mm   | 600  |
| 1226S69    | 229610   | 10µl Inoculating Loop, Bulk Pack, Blue, 221mm         | 2000 |
| 1224R35    | 229612   | 10µl Inoculating Loop, Individual Pack, Blue, 221mm   | 600  |
| 1226S70    | 229615   | Inoculating Needle, Bulk Pack, Yellow, 221mm          | 2000 |
| 1207N33    | 229616   | L-Shaped Cell Spreader, Individual Pack, Green, 145mm | 100  |
| 1207N34    | 229617   | L-Shaped Cell Spreader, Bulk Pack, Green, 145mm 5     | 500  |

## DWK Life Sciences (Wheaton)

### Coplin Staining Jars



- Slots take five, 3" x 1" slides or ten slides placed back-to-back.
- Overall dimensions: 117mm high x 67mm diameter at base
- Made of Wheaton brand "810" glass
- 5/10 slide unit with screw cap (8541L01)
- Unit holds ten 3" x 1" (75mm x 25mm) slides, which extend above the opening so users can manipulate them without using forceps.

- Screw cap is made of linerless white polypropylene that reduces solvent evaporation and spills during storage
- Unit has a rectangular base and holds approximately 55mL
- Manufactured from soda-lime glass
- Approximate inside dimensions are 26mm L x 26mm W x 70mm D

| Thomas No. | Mfr. No. | Description                                                   | Each | Case |
|------------|----------|---------------------------------------------------------------|------|------|
| 1207V87    | 900570   | Coplin Staining Jar, 5-10 Slide Unit, with PP Screw Cap, 60mL | 1    | 6    |
| 8541L10    | 900470   | Coplin Staining Jar, 5-10 Slide Unit, with Glass Cover, 65mL  | 1    | 6    |
| 8541L01    | 900520   | Coplin Staining Jar, 5-10 Slide Unit, with PP Screw Cap, 55mL | 1    | 6    |

## labForce® (a Thomas Scientific Brand)

### Sterile Petri Dishes

Sterile Petri Dishes are available in stackable and slippable forms

- Optically clear
- Vented lids for air circulation
- Radiation sterilized

These Stackable Petri Dishes are ideal for general laboratory use while Slippable Petri Dishes are designed for automated filling systems. Vented lids permit air circulation during incubation to reduce condensation build-up. Petri dishes are optically clear for easy viewing

Petri Dishes are available in the following sizes: 60x15 mm, 100x15 mm (Stackable and Slippable), and 150x15 mm.

| Thomas No. | Description                                              | Case |
|------------|----------------------------------------------------------|------|
| 1188N80    | Petri Dish, 100 x 15mm, Slippable, Sterile, 20/500       | 500  |
| 1188N81    | Petri Dish, 100 x 15mm, Stackable, Sterile, Bulk, 25/500 | 500  |
| 1188N82    | Petri Dish, 60 x 15mm, Stackable, Sterile, 25/500        | 500  |

## Globe Scientific

### Slide Staining Accessories

Globe Scientific offers three great products to simplify the staining process. The staining rack is produced from polyoxymethylene (POM) and is designed for the simultaneous staining of up to 25 microscope slides. The staining dish is designed for use with our staining rack and features a lid that holds up to 28 slides for upright drying. The storage box is produced from polystyrene (PS) and holds up to 4 staining racks (100 slides). The inside lid of the box contains a detailed slide index sheet to keep slides organized.



| Thomas No. | Mfr. No. | Description                                             | Case |
|------------|----------|---------------------------------------------------------|------|
| 1202N99    | 513222   | Slide Staining Dish, Black POM, for 1 rack of 25 slides | 1    |
| 1202P00    | 513224   | Slide Staining Storage Box, Black Polystyrene           | 1    |

## DWK Life Sciences (Wheaton)

### Staining Dishes

This 20-slide unit is the standard for manual staining procedures. The removable glass slide rack has an open bottom to facilitate rapid immersion and drainage and eliminate carryover. The rack holds 10 single slides, 19 slides arranged alternately straight across and diagonally, or 20 slides back-to-back of regular size: 3 x 1 inch (75 x 25 mm), 3 x 1-1/2 inch (75 x 38 mm) and 3 x 2 inch (75 x 51 mm) sizes. Manufactured from soda-lime glass. Approximate inside dimensions: 95 mm L x 76 mm W x 64 mm D.

This staining dish accommodates 16, 20 and 30 slide racks. It holds slides sizes 3 x 1 inch (75 mm x 25 mm), 3 x 1-1/2 inch (75 mm x 38 mm), and 3 x 2 inch (75 mm x 51 mm). Manufactured from soda-lime glass. Approximate inside dimensions: 118 mm L x 88 mm W x 70 mm D.



| Thomas No. | Mfr. No. | Description                                  |
|------------|----------|----------------------------------------------|
| 1229K80    | 900200   | Staining Dish 20 Slide Complete              |
| 1229H83    | 900400   | Staining Dish 50 Slide Complete              |
| 0914J73    | 900303   | Dish and Cover for 16, 20 and 30 Slide Racks |



### Bromocresol Purple Free Acid

| Thomas No. | Mfr. No.  | Grade   | Pkg. Size |
|------------|-----------|---------|-----------|
| C000U41    | 0531-100G | Reagent | 100 g     |

### MTT Thiazoyl Blue Tetrazoliumbromide

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C000X34    | 0793-500MG | Ultra Pure | 500 mg    |
| C000X35    | 0793-5G    | Ultra Pure | 5 g       |
| C000X33    | 0793-1G    | Ultra Pure | 1 g       |

### Bromothymol Blue

| Thomas No. | Mfr. No. | Grade | Pkg. Size |
|------------|----------|-------|-----------|
| C000T15    | 0431-25G | ACS   | 25 g      |
| C000T16    | 0431-50G | ACS   | 50 g      |

### Pyronin Y

| Thomas No. | Mfr. No. | Grade      | Pkg. Size |
|------------|----------|------------|-----------|
| C000Q58    | 0207-10G | Ultra Pure | 10 g      |

### Coomassie Brilliant Blue R-250

| Thomas No. | Mfr. No. | Grade      | Pkg. Size |
|------------|----------|------------|-----------|
| C000T61    | 0472-25G | Ultra Pure | 25 g      |
| C000T62    | 0472-50G | Ultra Pure | 50 g      |

### 235-Triphenyltetrazolium Chloride

| Thomas No. | Mfr. No.  | Grade   | Pkg. Size |
|------------|-----------|---------|-----------|
| C000X12    | 0765-25G  | Reagent | 25 g      |
| C000X11    | 0765-100G | Reagent | 100 g     |

### Giemsa Stain

| Thomas No. | Mfr. No. | Grade       | Pkg. Size |
|------------|----------|-------------|-----------|
| C000W14    | 0679-25G | Certifiable | 25 g      |

### Hematoxylin

| Thomas No. | Mfr. No.  | Grade       | Pkg. Size |
|------------|-----------|-------------|-----------|
| C000W39    | 0701-100G | High Purity | 100 g     |

### Nitroblue Tetrazolium Chloride

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C000R82    | 0329-1G    | Ultra Pure | 1 g       |
| C000R83    | 0329-500MG | Ultra Pure | 500 mg    |

### Dansyl Chloride

| Thomas No. | Mfr. No. | Grade      | Pkg. Size |
|------------|----------|------------|-----------|
| C000T19    | 0435-10G | Ultra Pure | 10 g      |

### Trypan Blue Solution 0.4%

| Thomas No. | Mfr. No.   | Grade          | Pkg. Size |
|------------|------------|----------------|-----------|
| C999G28    | K940-100ML | Tissue Culture | 100 mL    |

### Alcian Blue 8 GX

| Thomas No. | Mfr. No.  | Grade       | Pkg. Size |
|------------|-----------|-------------|-----------|
| C000R53    | 0298-100G | High Purity | 100 g     |
| C000R54    | 0298-50G  | High Purity | 50 g      |

### Crystal Violet

| Thomas No. | Mfr. No.  | Grade | Pkg. Size |
|------------|-----------|-------|-----------|
| C000U33    | 0528-100G | USP   | 100 g     |
| C000U34    | 0528-500G | USP   | 500 g     |

labForce® (a Thomas Scientific Brand)

## labForce™ Heat Seals for Microplates - Sheet Format



| Thomas No. | Description                               | Case |
|------------|-------------------------------------------|------|
| 22A00A409  | labForce™ Clear Heat Seal, Peelable       | 100  |
| 22A00A407  | labForce™ Thin Foil Heat Seal, Pierceable | 100  |

Bio Basic Inc.

## EZ-10 Spin Column Animal Total RNA Mini-Preps Kits



EZ-10 Spin Column Animal Total RNA Miniprep Kit: EZ-10 Column Animal total RNA Purification Kit provides a simple spin column technique for preparation of high quality, high-purity intact total RNA. The reagent contains disruptive and protective properties of guanidine isothiocyanate and  $\beta$ -mercaptoethanol to inactivate the ribonucleases present in cell extracts. RNA in the whole homogeneity is selectively absorbed on spin column and other impurities are washed away. Total RNA is eluted from the membrane in the presence of RNase-free water. 5-15  $\mu$ g total RNA can be purified from 25 mg animal tissue using this kit. Purified RNA is ready for most downstream applications such as RT-PCR, Northern Blotting, Poly (A) selection and in vitro translation.

| Thomas No. | Mfr. No. | Description                                                  |
|------------|----------|--------------------------------------------------------------|
| C861B58    | BS82312  | EZ-10 Spin Column Animal Total RNA Mini-Preps Kit, 50 Preps  |
| C861B59    | BS82322  | EZ-10 Spin Column Animal Total RNA Mini-Preps Kit, 250 Preps |

Bio Basic Inc.

## EZ-96 10 Well Spin Column PCR Products Purification Kits



96-Well Plate PCR Products Purification Kit: The kit provides a simple, efficient and high throughput method for purification of PCR products and DNA from enzymatic reactions. The kit utilizes silica-gel membranes which selectively absorb up to 10  $\mu$ g of DNA fragments in each well in the presence of specialized binding buffers. Nucleotides, oligos (<40-mer), enzymes, mineral oil and other impurities do not bind to the membranes and are washed away. The DNA fragments can then be eluted off the column in small volume and used directly in downstream applications.

| Thomas No. | Mfr. No. | Description                                                       |
|------------|----------|-------------------------------------------------------------------|
| C861A80    | BS3652   | EZ-10 96 Well Spin Column PCR Products Purification Kit, 2xPlates |
| C861A81    | BS365    | EZ-10 96 Well Spin Column PCR Products Purification Kit, 5xPlates |

Bio Basic Inc.

## PCR Purification Kits



PCR Purification Kit (100 preps): Bio Basic PCR Purification Kit is an excellent tool offering a rapid and economic method to purify DNA samples from any enzymatic reactions.

This technology is based on binding DNA to silica-based membrane, followed by subsequent wash steps and then elute pure ready-to-use DNA.

The very high-quality purified DNA can be used directly for any critical downstream application.

| Thomas No. | Mfr. No.    | Description                     |
|------------|-------------|---------------------------------|
| C862X89    | 9K-006-0003 | PCR Purification Kit, 100 preps |
| C862X90    | 9K-006-0004 | PCR Purification Kit, 200 preps |



Bio Basic Inc.

### Spin Column Blood RNA Extraction Miniprep Kit (EZ-10)

EZ-10 Spin Column Blood RNA Miniprep Kit: EZ-10 Column Blood RNA Purification Kit provides a simple spin column technique for preparation of high quality, high-purity intact total RNA. The reagent contains disruptive and protective properties of guanidine isothiocyanate and  $\beta$ -mercaptoethanol to inactivate the ribonucleases present in cell extracts. RNA in the whole homogeneity is selectively absorbed on spin column and other impurities are washed away. Total RNA is eluted from the membrane in the presence of RNase-free water. 5-15  $\mu$ g total RNA can be purified from 200  $\mu$ l of anticoagulated blood sample using this kit. Purified RNA is ready for most downstream applications such as RT-PCR, Northern Blotting, Poly (A) selection and in vitro translation.

| Thomas No. | Mfr. No. | Description                                          |
|------------|----------|------------------------------------------------------|
| C861B60    | BS82313  | EZ-10 Spin Column Blood RNA Mini-Preps Kit, 50 Preps |

AlphaGem Bio, Inc

### 96 Well PCR Plates

Our rigid style 0.2mL capacity microplates improve performance with automation with superior flatness and stability during cycling. Features include thin rigid walls for efficient heat transfer during amplification, raised well rims for effective sealing, very low evaporation rates during thermal cycling using silicone mats, and low moisture absorption. Suitable for Real-Time Quantitative PCR and designed for automation!

| Thomas No. | Description                                             | Case |
|------------|---------------------------------------------------------|------|
| 1144C27    | 96 Well Full Skirt PCR Plate, Rigid Style, 0.2mL, Clear | 400  |
| 1144C28    | 96 Well Half Skirt PCR Plate, Rigid Style, 0.2mL, Clear | 400  |

Corning

### Ultra Clear Adhesive Real-time Sealing Film

UltraClear film for sealing 96-well and 384-well PCR microplates. Ideal for Real-time PCR applications.

| Thomas No. | Mfr. No. | Description                                 | Case |
|------------|----------|---------------------------------------------|------|
| 1222A41    | UC-500   | Ultra Clear Pressure Sensitive Sealing Film | 500  |

Corning

### 384-Well PCR Microplates Compatible with ABI 3730 & 3100 and MJ Thermocyclers

384-well PCR Microplates. Working volume is 50 $\mu$ l. Optimized for MJ Research Cyclers. Available in a variety of colors. Sealing options: 384 AxyMat PlateMax Sealing Film

| Thomas No. | Mfr. No.    | Description                                                                          | Case |
|------------|-------------|--------------------------------------------------------------------------------------|------|
| 1223U63    | PCR-384M2-C | 384-Well PCR Microplate. Compatible with ABI 3730 & 3100 and MJ Thermocyclers. Clear | 50   |

J.G. Finneran

## 96-Well Multi-Tier™ Micro Plate System - ABS

Plates manufactured in ABS (Acrylic Butyl Styrene) have good chemical resistance against acids and bases.

Complete MTP System Includes:

- 96-Well Base Plate
- Choice of 4 Vial Sizes - 0.5mL, 1.0mL, 1.5mL and 2.0mL - Conical or Flat Bottom
- Spacer for 1.0mL, 1.5mL and 2.0mL Plates
- Cover
- PTFE/Silicone/PTFE Liner



| Thomas No. | Mfr. No.     | Description                                                                        | Each |
|------------|--------------|------------------------------------------------------------------------------------|------|
| 1201H33    | 9905LC-812   | 96-Well Multi-Tier Micro Plate System, ABS, 0.5mL with Glass Conical Vials         | 1    |
| 1201H34    | 9910LC-812   | 96-Well Multi-Tier Micro Plate System, ABS, 1.0mL with Glass Conical Vials         | 1    |
| 1201H35    | 9915LC-812   | 96-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Glass Conical Vials         | 1    |
| 1201H36    | 9920LC-812   | 6-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Glass Conical Vials          | 1    |
| 1201H37    | 9905PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 0.5mL with Polypropylene Conical Vials | 1    |
| 1201H38    | 9910PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 1.0mL with Polypropylene Conical Vials | 1    |
| 1201H39    | 9915PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Polypropylene Conical Vials | 1    |
| 1201H40    | 9920PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 2.0mL with Polypropylene Conical Vials | 1    |
| 1201H41    | 9905LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 0.5mL with Glass Flat Bottom Vials     | 1    |
| 1201H42    | 9910LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 1.0mL with Glass Flat Bottom Vials     | 1    |
| 1201H43    | 9915LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Glass Flat Bottom Vials     | 1    |
| 1201H44    | 9920LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 2.0mL with Glass Flat Bottom Vials     | 1    |

Corning

## 96-Well PCR Half Skirt Amplification Plates with a Single Notch

- 96-well half-skirt microplates
- Working volume: 300ul
- Available in a variety of colors



| Thomas No. | Mfr. No.      | Description                                                          | Case |
|------------|---------------|----------------------------------------------------------------------|------|
| 1223V17    | PCR-96M2-HS-C | 96-Well Clear PCR Half Skirt Amplification Plate with a Single Notch | 50   |

Eppendorf

## Flex Tubes® Microcentrifuge Tubes

- Tube lid is easy to open and close for ergonomic operation
- Polypropylene provides high resistance to chemicals, mechanical stress, and temperature extremes
- g-Safe®: Exceptional centrifugation stability up to 30,000 x g prevents sample loss due to tube breakage and provides extra safety when working with hazardous samples
- Manufactured without the use of slip agents, plasticizers, and biocides – substances that have been shown to leach from plastic consumables into the sample and negatively affect bio-assay results
- Graduation for simple verification of the pipetted volume
- Frosted lid and surface on the side for easy labeling
- Guaranteed functionality from -86°C to 100°C
- Autoclavable when open (121°C, 20 min)
- Available in Eppendorf Quality™ and lot-certified PCR clean purity grade



| Thomas No. | Mfr. No.  | Description                             | Case |
|------------|-----------|-----------------------------------------|------|
| 2591E66    | 022364120 | Flex-Tubes, 1.5mL, PCR Clean, Colorless | 500  |
| 2591E72    | 022363719 | PCR Clean Safe-Lock Tube, 0.5 ml        | 500  |
| 2591E77    | 022363212 | PCR Clean Safe-Lock Tube, 1.5 ml        | 500  |
| 2591E83    | 022363344 | PCR Clean Safe-Lock Tube, 2.0ml         | 500  |

labForce® (a Thomas Scientific Brand)

**Amplifyt® PCR Rigid-Strip Tubes With Attached Caps, Individual Colors**

- 8 Strip Rigid Strips with attached individual caps - 0.2mL
- Available in specific colors (blue, green, red, and yellow). All caps are flat and optically-clear for realtime PCR assays
- Rigid design is easy to work with minimizing the need to work with a PCR rack
- Conveniently stacked in bags of 12 strips per bag (10 bags per unit) minimizes the risk of contamination
- Certified free of detectable RNase DNase, DNA, PCR inhibitors, and tested pyrogen-free.

| Thomas No. | Description                                                          | Case |
|------------|----------------------------------------------------------------------|------|
| 1148A29    | 0.2mL Rigid Strip 8-Strip Tubes w/Individually Attached Caps, Blue   | 1200 |
| 1148A30    | 0.2mL Rigid Strip 8-Strip Tubes w/Individually Attached Caps, Green  | 1200 |
| 1148A31    | 0.2mL Rigid Strip 8-Strip Tubes w/Individually Attached Caps, Red    | 1200 |
| 1148A33    | 0.2mL Rigid Strip 8-Strip Tubes w/Individually Attached Caps, Yellow | 1200 |

**Eppendorf PCR Tubes**

Eppendorf PCR Tubes

- Manufactured from polypropylene
- Reduced risk of contamination
- Available in 0.2 and 0.5 mL sizes
- 2-part polycarbonate rack consists of work tray and frame for 96 x 0.2 mL PCR tubes
- All tubes can be directly transferred to the ThermoblockV
- Autoclavable at 121°C, 20 min

| Thomas No. | Mfr. No.  | Description                                     | Pack |
|------------|-----------|-------------------------------------------------|------|
| 6826A44    | 951010006 | 0.2 mL PCR tubes, clear, 1,000 pcs              | 1000 |
| 6826A46    | 951010022 | 8-tubes strip for 0.2 mL PCR tubes, pack of 120 | 120  |

Corning

**Axygen® PCR Strip Tubes**

Axygen PCR tubes are ideal for standard and real-time PCR applications. Our strip and individual tubes feature thin walls for precise thermal transfer and tight-fitting caps for a leakproof seal. Choose from a variety of configurations and cap styles.

| Thomas No. | Mfr. No.          | Description                                                                                                     | Case |
|------------|-------------------|-----------------------------------------------------------------------------------------------------------------|------|
| 1194T01    | PCR-0208-C-100    | 0.2mL Polypropylene PCR Tube Strips, 8 Tubes/Strip, Clear, Non-Sterile                                          | 100  |
| 1194T02    | PCR-0208-CP-C-100 | 0.2mL Polypropylene PCR Tube Strips and Domed Cap Strips, 8 Tubes/Strip, 8 Domed Caps/Strip, Clear, Non-Sterile | 100  |
| 1194T03    | PCR-02CP-C-100    | PCR 1 x 8 Strip Domed Caps, fit 0.2mL PCR Tube Strips, Clear                                                    | 100  |
| 1194T04    | PCR-02-C-500      | 0.2mL Thin Wall PCR Tubes with Flat Cap, Clear                                                                  | 500  |
| 1194T05    | PCR-05-C-500      | 0.5mL Thin Wall PCR Tubes with Flat Cap, Clear                                                                  | 500  |
| 1232G28    | PCR-0208-C        | 0.2mL Polypropylene PCR Tube Strips, 8 Tubes/Strip, Clear, Non-Sterile                                          | 1250 |
| 1223U04    | PCR-0208-CP-C     | 0.2mL Polypropylene PCR Tube Strips and Domed Cap Strips, 8 Tubes/Strip, 8 Domed Caps/Strip, Clear, Non-Sterile | 1250 |
| 1223U05    | PCR-0208-FCP-C    | 0.2mL Polypropylene PCR Tube Strips and Flat Cap Strips, 8 Tubes/Strip, 8 Flat Caps/Strip, Clear, Non-Sterile   | 1250 |

J.G. Finneran

**96-Well Multi-Tier™ Micro Plate System - ABS**

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- Spacer for 1.0mL, 1.5mL and 2.0mL Plates
- Cover
- PTFE/Silicone/PTFE Liner



| Thomas No. | Mfr. No.     | Description                                                                        | Each |
|------------|--------------|------------------------------------------------------------------------------------|------|
| 1201H33    | 9905LC-812   | 96-Well Multi-Tier Micro Plate System, ABS, 0.5mL with Glass Conical Vials         | 1    |
| 1201H34    | 9910LC-812   | 96-Well Multi-Tier Micro Plate System, ABS, 1.0mL with Glass Conical Vials         | 1    |
| 1201H35    | 9915LC-812   | 96-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Glass Conical Vials         | 1    |
| 1201H36    | 9920LC-812   | 6-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Glass Conical Vials          | 1    |
| 1201H37    | 9905PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 0.5mL with Polypropylene Conical Vials | 1    |
| 1201H38    | 9910PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 1.0mL with Polypropylene Conical Vials | 1    |
| 1201H39    | 9915PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Polypropylene Conical Vials | 1    |
| 1201H40    | 9920PLC-812  | 96-Well Multi-Tier Micro Plate System, ABS, 2.0mL with Polypropylene Conical Vials | 1    |
| 1201H41    | 9905LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 0.5mL with Glass Flat Bottom Vials     | 1    |
| 1201H42    | 9910LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 1.0mL with Glass Flat Bottom Vials     | 1    |
| 1201H43    | 9915LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 1.5mL with Glass Flat Bottom Vials     | 1    |
| 1201H44    | 9920LC-812FB | 96-Well Multi-Tier Micro Plate System, ABS, 2.0mL with Glass Flat Bottom Vials     | 1    |

Labnet

## ENDURO™ VE20 Vertical Gel Electrophoresis System



The ENDURO™ VE20 is Labnet's large format vertical gel electrophoresis system. It distinguishes itself in its flexibility of applications and ease of gel casting and set-up requiring only 4 screws to secure 4 gels. The same gel tank can house a large format electroblotting assembly sold separately. This system is ideal for first- and second dimension SDS-PAGE, native, preparative, gradient and high-resolution nucleic acid electrophoresis.

- Large format vertical gel system
- Electroblotting and gel electrophoresis in same universal gel tank
- Quick assembly system for ease of use
- Complete system allows casting of gels and running of gels at same time increasing efficiency

| Thomas No. | Mfr. No.  | Description                                                                                                                                                                                                     |
|------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1189G02    | E2020     | ENDURO VE20 Vertical Electrophoresis System includes glass plates, 2 x 24 well combs, cooling coil & casting base                                                                                               |
| 1189G03    | E2020-CU  | ENDURO VE20 Dual Casting System includes VE20, 20 x 20cm Dual, 2 sets of glass plates, 1mm thick bonded spacers, 2x 24 sample, 1mm thick combs, cooling coil, dummy plate; includes caster and external casting |
| 1186M23    | E2020-IEF | ENDURO VE20 IEF Conversion Kit for 18cm IPG strips (includes 1 set of plain glass plates with bonded spacers, 0.6x20cm; and 2x 2-D combs with one 3.5mm marker lane and one 18cm preparatory well)              |

Labnet

## ENDURO™ Gel XL Electrophoresis System



Labnet's ENDURO™ Gel XL includes all components necessary to cast and run horizontal gels: gel trays, combs, casting stand, gel tank and digital power supply. The migration tank, gel trays and multichannel combs are molded for leak-proof performance and a long service life. The direct connection of the power supply into the gel box eliminates the need for power leads.

- Power - 150v/400ma
- Control - set voltage, amperage and time
- Flexibility - runs 6x6cm to 12.5x12cm gels
- Throughput - up to 112 samples at once
- Convenience - casting set and combs included

| Thomas No. | Mfr. No. | Description                                                                                          |
|------------|----------|------------------------------------------------------------------------------------------------------|
| 1196M12    | E0160    | ENDURO Gel XL Electrophoresis System, includes gel tank, power supply and standard casting set, 120V |
| 1196M13    | E0161    | Large Gel Tray Set (12.5 x 12cm)                                                                     |
| 1196M14    | E0162    | Small Gel Tray Set (12.5 x 6 cm)                                                                     |
| 1196M15    | E0163    | Micro Gel Tray Set (6 x 6 cm)                                                                        |
| 1196M16    | E0164    | Large Comb Set, 14/28 teeth, reversible                                                              |
| 1196M17    | E0165    | Micro Comb Set, 5/8 teeth, reversible                                                                |
| 1196M18    | E0166    | Micro Casting Set, includes 4 micro gel trays, 2 micro combs and a casting stand                     |
| 1196M19    | E0167    | Casting Stand, for all gel sizes                                                                     |
| 1196M20    | E0168    | Standard Casting Set, includes 1 large and 2 small gel trays, 4 large combs and a casting stand      |



## Labnet

### ENDURO™ Modular Vertical Gel System

- Labnet's ENDURO™ Vertical PAGE System is modular - allowing PAGE, electroblotting and 2D gel electrophoresis to be carried out in the same tank, simply by changing the inserts. Users can purchase only the parts they need, or a complete combined system for a cost savings over buying all three systems separately.
- Modular design
- PAGE, Electroblotting and 2D Electrophoresis
- Quick and easy set up
- Wide range of accessories

| Thomas No. | Mfr. No.  | Description                        |
|------------|-----------|------------------------------------|
| 1230H46    | E2010-PBA | ENDURO PAGE Electroblotting System |
| 1230H48    | E2010-BT  | ENDURO Electroblotting System      |



## Labnet

### ENDURO™ GDS Gel Documentation System

Labnet International is proud to introduce the ENDURO™ GDS Gel Documentation System. This state-of-the-art imaging system designed for the basic imaging market provides an incredible combination of performance and value. It is a perfect fit with the rapidly expanding ENDURO™ Electrophoresis and Labnet Molecular Biology.

- Exceptional Resolution – 5MP Scientific Camera
- Ready to Use – Ready to connect to PC out of the box
- Innovative cabinet – Built in UV transilluminator, safety shut off switch and viewing port
- Large Field of view – 20cm x 24 cm viewing area
- No focus needed – never have to touch camera
- AutoExposure – no manual manipulation of aperture or shutter speeds required.

| Thomas No. | Mfr. No.  | Description                 |
|------------|-----------|-----------------------------|
| 1195T08    | GDS-12018 | Clear Gel Tray              |
| 1195T09    | GDS-12019 | White Light Conversion Tray |
| 1195T10    | GDS-12020 | Blue Light Conversion Tray  |
| 1195T11    | GDS-12021 | Printer, P-95 DW            |
| 1195T12    | GDS-12022 | Thermal Paper               |



## Labnet

### ENDURO™ 7.10 & 7.7 Horizontal Gel Box

Horizontal Gel Boxes are designed for ease of use, safety and durability. Sizes range from a mini gel system to a maxi gel system that can accommodate up to 450 samples in a single run.

- Molded, durable construction
- Rubber gates for easy, tapeless gel castings
- Adjustable height combs

| Thomas No. | Mfr. No. | Description                              |
|------------|----------|------------------------------------------|
| 1230H51    | E1007-7  | ENDURO 7.7 Horizontal Gel Box, 7 x 7cm   |
| 1230H52    | E1007-10 | ENDURO 7.10 Horizontal Gel Box, 7 x 10cm |



## Labnet

### ENDURO™ Semi-Dry Laboratory Blotter

- Western, Southern, and Northern Blots
- Variable gel thickness
- Rapid transfer times
- Minimal buffer volume
- Uniform head dispersion

| Thomas No. | Mfr. No.    | Description                                          |
|------------|-------------|------------------------------------------------------|
| 1189G00    | E2020-SDB   | Enduro Semi Dry Blotter                              |
| 1189G01    | E2020-SDBPS | Enduro Semi Dry Blotter/250V Power Supply Kit - 120V |

CORNING  
cellgro®

## Tris Borate EDTA (TBE), 10x

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L64    | 46-011-CM | 6 x 1 L   |

## Tris Acetate EDTA (TAE), 10x

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L63    | 0701-100G | 6 x 1 L   |

## Tris Hydrochloride Buffers, 1M

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L66    | 46-030-CM | 6 x 1 L   |
| B003L67    | 46-031-CM | 6 x 1 L   |

## Tris-EDTA (TE) Buffer

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003R07    | 46-009-CM | 6 x 1 L   |

## MOPS Buffer

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003R16    | 46-103-RM | 1 Each    |

## Labnet

### ENDURO™ 96 Horizontal Gel Box



The ENDURO™ 96 is an ideal complement to the Labnet molecular biology line. The 96-well format horizontal gel electrophoresis unit is compatible with 8-channel multichannel pipettes and matches up with the standard 96-well plate configuration. The average run time for this 10 x 12 cm gel is 15 - 30 minutes. The layout of wells is designed to allow a run length of 1.8 cm per sample providing ideal separation. For those who already own E1010-10 horizontal gel boxes, comb sets are available to upgrade to an ENDURO™ 96.

| Thomas No. | Mfr. No.     | Description                                                                                  |
|------------|--------------|----------------------------------------------------------------------------------------------|
| 1186L44    | E1010-9611   | ENDURO 96 Horizontal Gel with single marker, 1mm thick comb block, gel tray, casting gates   |
| 1186L48    | E1010-9611.5 | ENDURO 96 Horizontal Gel with single marker, 1.5mm thick comb block, gel tray, casting gates |
| 1186L53    | E1010-9621   | ENDURO 96 Horizontal Gel with double marker, 1mm thick comb block, gel tray, casting gates   |
| 1186L54    | E1010-9621.5 | ENDURO 96 Horizontal Gel with double marker, 1.5mm thick comb block, gel tray, casting gates |

## Thermo Scientific

### Owl™ EC1000XL Programmable Power Supply



Save benchtop space with the stackable design of the Thermo Scientific™ Owl™ EC1000XL Programmable Power Supply. Ideal for DNA, RNA and protein electrophoresis, as well as electroblotting, the power supply has a power-off memory that retains settings after shut-down.

- Power supply is simple to use, multi-purpose and lightweight
- Power supply includes soft-touch key pad and four jacks

| Thomas No. | Mfr. No.  | Description                             |
|------------|-----------|-----------------------------------------|
| 1197H35    | EC1000XL  | Programmable Power Supply, 120V 50/60Hz |
| 1197H36    | EC1000XL2 | Programmable Power Supply, 230V 50/60Hz |

## Thermo Scientific

### Owl™ EC300XL Compact Power Supply



Retain settings after shut-down with the power-off memory of the Thermo Scientific™ Owl™ EC300XL2 Compact Power Supply. It is ideal for DNA/RNA and Protein electrophoresis.

- Simple to use, multi-purpose and lightweight
- Stackable design saves benchtop space
- Soft-touch key pad
- Three jacks

| Thomas No. | Mfr. No. | Description                   |
|------------|----------|-------------------------------|
| 1193A99    | EC300XL  | Owl Compact Power Supply 120V |
| 1193B00    | EC300XL2 | Owl Compact Power Supply 230V |



## Hamilton

**PRP-X100 Anion Exchange HPLC Columns**

Polymeric anion exchange packings for separation of inorganic and organic anions.

- Easily separate the eight common anions (fluoride through sulfate)
- Good separation of fluoride from the water dip
- Use with organic solvent from 0 to 100 % for elution of hydrophobic anions or column cleaning
- pH stable from 1 to 13
- Use conductivity or UV detection
- Three particle sizes: 5, 10 and 12-20  $\mu\text{m}$
- Eight column internal diameters: 1.0 to 50.8 mm
- Two column materials: 316 stainless steel and PEEK
- Analytical and semiprep/preparative guard columns

| Thomas No. | Mfr. No. | Description                                     |
|------------|----------|-------------------------------------------------|
| 0470U19    | 79446    | Cartridge Replacement PRP-X100 Pk5              |
| 0470U25    | 79448    | Column Starter Kit PRP-X100                     |
| 0470U68    | 79434    | Column PRP-X100 10 $\mu\text{m}$ 150 X 4.1mm    |
| 0470U69    | 79433    | Column PRP-X100 10 $\mu\text{m}$ 250 X 4.1mm    |
| 1216L97    | 79181    | Column, PRP-X100, 4.6 x 250mm Peek              |
| 1216L98    | 79174    | Column, PRP-X100, 5 $\mu\text{m}$ , 150 x 4.6mm |
| 1216L99    | 79354    | Column, PRP-X100 150 x 4.6mm Peek               |
| 1216M00    | 79455    | Column, PRP-X100 10 $\mu\text{m}$ 250 x 4.6mm   |
| 1216M01    | 79190    | PRP-X100 Column 5 $\mu\text{m}$ 250 x 2.1mm     |
| 1216M02    | 79538    | Column, PRP-X100, 5 $\mu\text{m}$ , 100 x 4.1mm |
| 1216M03    | 79665    | Column, PRP-X100, 7 $\mu\text{m}$ , 150 x 4.6mm |
| 1216M04    | 79383    | Starter Kit, Peek GD Column, X100               |
| 1207L01    | 79812    | PRP-X100 5 $\mu\text{m}$ 4.1 x 150 mm           |

## Hamilton

**PRP-C18 HPLC Columns**

High efficiency separations at any pH

The Hamilton PRP-C18 is a new HPLC column designed to provide high-efficiency, reversed-phase separations over an extended column life in nearly any mobile phase or pH. The rigid stationary phase has excellent mechanical and thermal stability (> 100°C), does not shrink or swell, and is completely inert to most conditions commonly encountered in reversed-phase chromatography.

The PRP-C18 is a durable and effective column for general purpose HPLC and especially well-suited for specialized applications in the clinical, pharmaceutical, environmental, food, forensics, and life sciences industries.

| Thomas No. | Mfr. No. | Description                                 |
|------------|----------|---------------------------------------------|
| 1192F41    | 79675    | PRP-C18, 5 $\mu\text{m}$ , 4.6 x 50mm       |
| 1192F44    | 79678    | PRP-C18, 12-20 $\mu\text{m}$ , 21.2 x 250mm |
| 1192F46    | 79680    | PRP-C18, 5 $\mu\text{m}$ , 2.1 x 150mm PEEK |
| 1192F40    | 79674    | PRP-C18, 5 $\mu\text{m}$ , 2.1 x 250mm      |
| 1192F47    | 79681    | PRP-C18, 5 $\mu\text{m}$ , 2.1 x 250mm PEEK |
| 1192F38    | 79672    | PRP-C18, 5 $\mu\text{m}$ , 2.1 x 50mm       |
| 1192F45    | 79679    | PRP-C18, 5 $\mu\text{m}$ , 2.1 x 50mm PEEK  |
| 1192F42    | 79676    | PRP-C18, 5 $\mu\text{m}$ , 4.6 x 150mm      |
| 1192F49    | 79683    | PRP-C18, 5 $\mu\text{m}$ , 4.6 x 150mm PEEK |
| 1192F43    | 79677    | PRP-C18, 5 $\mu\text{m}$ , 4.6 x 250mm      |
| 1192F50    | 79684    | PRP-C18, 5 $\mu\text{m}$ , 4.6 x 250mm PEEK |
| 1192F48    | 79682    | PRP-C18, 5 $\mu\text{m}$ , 4.6 x 50mm PEEK  |

## Hamilton Neuros™ Syringes



- Needle rigidity improves insertion path accuracy
- Minimal tissue damage reduces injection variability
- Reduced sample loss saves money and materials
- Fine gauge needle creates smaller injection sites
- Compatibility with most infusion pumps and stereotaxic holders means an easy integration into existing processes.

| Thomas No. | Mfr. No. | Description                                                                       |
|------------|----------|-----------------------------------------------------------------------------------|
| 1209C55    | 65457-01 | Syringe, 0.5 µL, Neuros Model 7000.5 KH, point style 3                            |
| 1209C56    | 65458-01 | Syringe, 1.0 µL, Neuros Model 7001 KH, point style 3                              |
| 1209C57    | 65459-01 | Syringe, 2.0 µL, Neuros Model 7002 KH, point style 3                              |
| 1209C58    | 65460-02 | Syringe, 5 µL, Neuros Model 75 RN, point style 3                                  |
| 1209C59    | 65460-05 | Syringe, 10 µL, Neuros Model 1701 RN, point style 3                               |
| 1209C60    | 65460-10 | Syringe, 25 µL, Neuros Model 1702 RN, point style 3                               |
| 1209C61    | 65460-15 | Syringe, 50 µL, Neuros Model 1705 RN, point style 3                               |
| 1209C62    | 65460-20 | Syringe, 100 µL, Neuros Model 1710 RN, point style 3                              |
| 1209C63    | 65461-01 | Neuros Replacement Needles, 33 gauge, Small Hub RN Needle, 3.03 in, point style 3 |

## Hamilton 1700 Series Gastight® Syringes with PTFE Luer Tips



1700 series syringes are the Gastight® version of the original Hamilton 700 series syringes. This series of syringes is ideal for dispensing volumes from 1 µL up to 500 µL. Gastight® syringes are ideal for dispensing both liquids and gases. They have a precision-machined PTFE plunger tip which creates a leak-free seal. With the tight fit, the tip essentially wipes the interior of the syringe barrel free of sample. This feature is particularly useful with heterogeneous samples as it reduces the chance that a deposit will occur and cause the plunger to freeze. A variety of different terminations and needle options are available.

| Thomas No. | Mfr. No. | Description                                 |
|------------|----------|---------------------------------------------|
| 8929D61    | 80920    | 1705TLL 50µL Syringe (needle not included)  |
| 8929D63    | 81020    | 1710TLL 100µL Syringe (needle not included) |
| 8929D65    | 81120    | 1725TLL 250µL Syringe (needle not included) |
| 8929D67    | 81220    | 1750TLL 500µL Syringe (needle not included) |

## J.G. Finneran Snap Seal™ Vials - 12 x 32mm



- Type I borosilicate glass
- Clear or amber
- Accept a variety of seals

The Snap Seal™ Vial can be securely sealed with the Poly Crimp™ Seal, an aluminum crimp seal or a variety of Snap Top Cap™ designs. The unique design provides for a secure seal with any thickness septa. More glass in the neck area minimizes breakage during decapping. The unique StepVial design precisely centers a limited volume insert in the vial neck assuring dependable use with autosamplers— even autosamplers with robotic arms.

| Thomas No. | Mfr. No.     | Description                                       | Pack | Case |
|------------|--------------|---------------------------------------------------|------|------|
| 2695F01    | 31811-1232   | 2.0ml Clear Snap Seal™ Vial, 12X32mm, 11mm Cr     | 100  | 1000 |
| 2695F07    | 31811-1232A  | 2.0ml Amber Snap Seal™ Vial, 12X32mm, 11mm Cr     | 100  | 1000 |
| 2695F25    | 31811E-1232  | 2.0ml Clear Snap Seal™ Vial w / White Grad. Spot  | 100  | 1000 |
| 2695F56    | 31811E-1232A | 2.0ml Amber Snap Seal™ Vial w / White Grad. Spot  | 100  | 1000 |
| 1189N38    | 31811RB-1232 | 2.0mL Clear Round Bottom Snap Seal™ Vial, 12x32mm | 100  | 1000 |
| 1189N39    | 3181RB-1232A | 2.0mL Amber Round Bottom Snap Seal™ Vial, 12x32mm | 100  | 1000 |

J.G. Finneran

**Big Mouth Screw Thread Vials**

Big mouth screw thread vials - 12 x 32

- Type I borosilicate glass
- Clear or Amber
- 40% larger opening

Broken needles can be prevented due to the larger target area. Incorporates unique StepVial design that precisely centers a limited volume insert in the vial neck. Marking and graduation spots can be written on with a #2 pencil.



| Thomas No. | Mfr. No.     | Description                                          | Pack | Case |
|------------|--------------|------------------------------------------------------|------|------|
| 2694A01    | 32010-1232   | 2.0ml Big Mouth Screw Thread Vials, 10-425, Clear    | 100  | 1000 |
| 2694A55    | 32010E-1232A | 2.0ml Amber Vial w / White Grad. Spot, 10-425 Thread | 100  | 1000 |
| 2694A85    | 30510P-1232  | 0.5 mL Polypropylene Lvv 10-425 Thread               | 100  | 1000 |
| 2694A91    | 30710P-1232  | 0.75 mL Polypropylene Lvv 10-425 Thread              | 100  | 1000 |

### National Scientific Headspace Vials

Fits most autosamplers

- Crimp seal finish
- Flat or rounded bottoms
- Beveled edge
- Type 1 borosilicate glass
- Clear glass vials with 20mm crimp seal finish are designed to fit most headspace autosamplers

- Flat bottom vials maximize heating efficiency when used with bottom
- Round bottom vials are more easily handled by robotic arms that lift the vial from the tray
- Round bottom vials distribute the internal pressure created at high temperatures across the glass surface
- Beveled edge finish features a sturdy rim that presses into the septum for a more effective seal



| Thomas No. | Mfr. No. | Description                                                                | Pack | Case |
|------------|----------|----------------------------------------------------------------------------|------|------|
| 1202A45    | C4020-18 | 20mL; Round Bottom, Screw Thread                                           | 125  | -    |
| 1233R60    | C4020-60 | Headspace Vial, 6mL, Clear Glass, 22x38mm, 20mm Beveled Edge, Flat Bottom  | -    | 1000 |
| 1220L22    | C4020-10 | Headspace Vial, 10mL Flat Bottom, Beveled Edge Crimp Top                   | 100  | 1000 |
| 1231H74    | C4020-20 | Headspace Vial, 20mL, Clear Glass, 23x75mm, 20mm Beveled Edge, Flat Bottom | 100  | 1000 |
| 1231H72    | C4020-2  | Headspace Vial, 20mL; Round Bottom; Beveled Edge                           | 100  | 1000 |
| 1202A43    | C4020-27 | 27mL; Flat Bottom; Beveled Edge                                            | 100  | 1000 |

J.G. Finneran

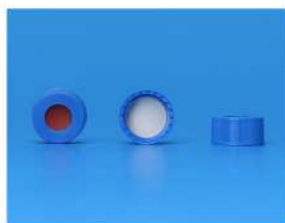
**Standard Opening Crimp Top Vials**

Designed to work in Agilent (HP) and other autosamplers. Neck finish allows use of standard aluminum seals or Poly Crimp™ Seals. Choose from clear or amber Type I borosilicate glass. Available with graduated marking spots which can be written on with a #2 pencil. 2.0 mL volume, 11 mm seal, 12 mm diameter x 32 mm height.



| Thomas No. | Mfr. No.     | Description                                       | Pack | Case |
|------------|--------------|---------------------------------------------------|------|------|
| 2678D01    | 32011-1232   | 2.0ml Clear Standard Vial, 12X32mm, 11mm Crimp    | 100  | 1000 |
| 2678D07    | 32011-1232A  | 2.0ml Amber Standard Vial, 12X32mm, 11mm Crimp    | 100  | 1000 |
| 2678D28    | 32011E-1232  | 2.0ml Clear Vial w / White Grad. Spot, 11mm Crimp | 100  | 1000 |
| 2678D55    | 32011E-1232A | 2.0ml Amber Vial w / White Grad. Spot, 11mm Crimp | 100  | 1000 |

J.G. Finneran

**Preassembled Cap and Septa, 9-425 Cap Size, 9 mm Septa**

- Easy to use
- No tools required

Twist of the cap produces an evaporation-proof seal. Larger opening provides increased target area for needle penetration. Available in a variety of colors for easy sample identification. Choose a septa best suited for your application.

For customers needing a PTFE only lined cap.

| Thomas No. | Mfr. No.   | Description                                                          |
|------------|------------|----------------------------------------------------------------------|
| 2695B72    | 5394F-09G  | 9mm Cap, Green, PTFE / Red Rubber                                    |
| 2695B78    | 5394F-09N  | 9mm Cap, Natural, PTFE / Red Rubber                                  |
| 1201T42    | 5394F-09PK | 9mm R.A.M.™ Cap, Pink, PTFE/Butyl Rubber                             |
| 2695B84    | 5394F-09R  | 9mm Cap, Red, PTFE / Red Rubber                                      |
| 1203H97    | 5394F-09RB | 9mm R.A.M.(tm) Cap, Royal Blue, with PTFE/Butyl Rubber Liner         |
| 2695B90    | 5394F-09Y  | 9mm Cap, Yellow, PTFE / Red Rubber                                   |
| 2695C01    | 5395F-09   | 9mm Cap, Black, PTFE / Silicone                                      |
| 2695C13    | 5395F-09G  | 9mm Cap, Green, PTFE / Silicone                                      |
| 1201T43    | 5395F-09PK | Pink, Polypropylene Cap with PTFE/Silicone                           |
| 2695C25    | 5395F-09R  | 9mm Cap, Red, PTFE / Silicone                                        |
| 2695C07    | 5395F-09RB | 9mm Cap, Blue, PTFE / Silicone                                       |
| 2695C31    | 5395F-09Y  | 9mm Cap, Yellow, PTFE / Silicone                                     |
| 2695C37    | 5396F-09   | 9mm Cap, Black, PTFE / Silicone / PTFE                               |
| 1199N02    | 5391F-09   | 9mm R.A.M.™ Preassembled Screw Thread Closure, Black with PTFE Septa |

J.G. Finneran

**11mm Snap Top Caps™**

Use with Snap Ring™ or Snap Seal™ vials

- Snap on and off easily
- No sharp aluminum edges

Caps may be snapped on and off by hand which eliminates the need for metal crimping and decapping tools, thus reducing potential hazards due to sharp aluminum metal edges. Large opening top provides greater target area for needle penetration. Available in a variety of colors for easy sample identification.

| Thomas No. | Mfr. No.  | Description                                  |
|------------|-----------|----------------------------------------------|
| 2686R67    | 5240-11   | 11mm Clear Snap Cap, PTFE / Red Rubber       |
| 2686R79    | 5240-11B  | 11mm Blue Snap Cap, PTFE / Red Rubber        |
| 1197K19    | 5240-11PK | 11mm Pink Snap Cap, PTFE/Butyl Rubber Lined  |
| 2686R73    | 5240-11R  | 11mm Red Snap Cap, PTFE / Red Rubber         |
| 2686R91    | 5240-11Y  | 11mm Yellow Snap Cap, PTFE / Red Rubber      |
| 2686R97    | 5250-11   | 11mm Clear Snap Cap, PTFE / Silicone         |
| 2686S10    | 5250-11B  | 11mm Blue Snap Cap, PTFE / Silicone          |
| 2686S16    | 5250-11G  | 11mm Green Snap Cap, PTFE / Silicone         |
| 1197K20    | 5250-11PK | 11mm Pink Snap Cap, PTFE/Silicone Lined      |
| 2686S04    | 5250-11R  | 11mm Red Snap Cap, PTFE / Silicone           |
| 2686S22    | 5250-11Y  | 11mm Yellow Snap Cap, PTFE / Silicone        |
| 2686S28    | 5260-11   | 11mm Clear Snap Cap, PTFE / Silicone / PTFE  |
| 2686S40    | 5260-11B  | 11mm Blue Snap Cap, PTFE / Silicone / PTFE   |
| 2686S46    | 5260-11G  | 11mm Green Snap Cap, PTFE / Silicone / PTFE  |
| 2686S28    | 5260-11   | 11mm Clear Snap Cap, PTFE / Silicone / PTFE  |
| 2686S34    | 5260-11R  | 11mm Red Snap Cap, PTFE / Silicone / PTFE    |
| 2686S52    | 5260-11Y  | 11mm Yellow Snap Cap, PTFE / Silicone / PTFE |

J.G. Finneran

## LC Certified Vial Kits

LC Certified Vial Test Parameters include:

- Glass - Type 1, Class A, 33 Expansion Clear or Amber Borosilicate
- Dimension -Height, Diameter, Bottom Thickness, Neck Length, Thread Profile, Annealing
- Cap/Septum- Diameter, Height, Thread Integrity, Center Flash, Septa Insertion
- Chemical Test - HPLC Test - Non-volatile residue, GC Test - Volatile Residue



| Thomas No. | Mfr. No.    | Description                                                                                                                                        |
|------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1201P72    | CERT95-12   | LC Certified Clear Glass 9mm R.A.M.(tm) Vial, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone                                       |
| 1201P73    | CERT95-12A  | LC Certified Amber Glass 9mm R.A.M.(tm) Vial, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone                                       |
| 1201P74    | CERT95E-12  | LC Certified Clear Glass 9mm R.A.M.(tm) Vial with Graduated Marking Spot, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone           |
| 1201P75    | CERT95E-12A | LC Certified Amber Glass 9mm R.A.M.(tm) Vial with Graduated Marking Spot, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone           |
| 1201P76    | CERT97-12   | LC Certified Clear Glass 9mm R.A.M.(tm) Vial, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone with Slit                             |
| 1201P77    | CERT97-12A  | LC Certified Amber Glass 9mm R.A.M.(tm) Vial, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone with Slit                             |
| 1201P78    | CERT97E-12  | LC Certified Clear Glass 9mm R.A.M.(tm) Vial with Graduated Marking Spot, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone with Slit |
| 1201P79    | CERT97E-12A | LC Certified Amber Glass 9mm R.A.M.(tm) Vial with Graduated Marking Spot, 12x32mm, Blue Polypropylene Open Top Cap, Bonded PTFE/Silicone with Slit |

J.G. Finneran

## Standard Aluminum Seals

LC Certified Vial Test Parameters include:

- Glass - Type 1, Class A, 33 Expansion Clear or Amber Borosilicate
- Dimension -Height, Diameter, Bottom Thickness, Neck Length, Thread Profile, Annealing
- Cap/Septum- Diameter, Height, Thread Integrity, Center Flash, Septa Insertion
- Chemical Test - HPLC Test - Non-volatile residue, GC Test - Volatile Residue



| Thomas No. | Mfr. No. | Description                                |
|------------|----------|--------------------------------------------|
| 2679H13    | 5140-11  | 11mm Silver Seal, Clear PTFE / Red Rubber  |
| 2679H19    | 5140-11B | 11mm Blue Seal, PTFE / Red Rubber          |
| 2679H31    | 5140-11R | 11mm Red Seal, PTFE / Red Rubber           |
| 2679H25    | 5140-11G | 11mm Green Seal, PTFE / Red Rubber         |
| 2679H43    | 5150-11  | 11mm Silver Seal, PTFE / Silicone          |
| 2679H49    | 5150-11B | 11mm Blue Seal, PTFE / Silicone            |
| 2679J04    | 5170-11  | 11mm Silver Seal, PTFE / Silicone w / Slit |

Corning

## PYREX® Griffin Low-Form Beakers

- Uniform wall thickness
- Large marking spot
- Spout



Standard Griffin Beakers with spout, manufactured with uniform wall thickness, offer optimum balance between thermal shock resistance and mechanical strength. For convenience, the 250 through 4000 mL beakers have a double graduated metric scale to indicate approximate content. All sizes have an extra large marking spot. Assortment pack consists of one of each: 50 mL, 100 mL, 250 mL, 600 mL, and 1 L. Reference: ASTM E-960.

| Thomas No. | Mfr. No.  | Description            | Each | Pack | Case |
|------------|-----------|------------------------|------|------|------|
| 1531H37    | 1000-10   | Beaker 10 ml           | -    | 12   | 48   |
| 1531H46    | 1000-20   | Beaker 20 ml           | -    | 12   | 48   |
| 1531H56    | 1000-30   | Beaker 30 ml           | -    | 12   | 48   |
| 1531H66    | 1000-50   | Beaker 50 ml           | -    | 12   | 48   |
| 1531H76    | 1000-100  | Beaker 100 ml          | -    | 12   | 48   |
| 1531H86    | 1000-150  | Beaker 150 ml          | -    | 12   | 48   |
| 1531J11    | 1000-250  | Beaker 250 ml          | -    | 12   | 48   |
| 1531J21    | 1000-400  | Beaker 400 ml          | -    | 12   | 48   |
| 1531J31    | 1000-600  | Beaker 600 ml          | -    | 6    | 24   |
| 1531J41    | 1000-800  | Beaker 800 ml          | -    | 6    | 24   |
| 1531J51    | 1000-1L   | Beaker 1000 ml         | -    | 6    | 24   |
| 1531J71    | 1000-2L   | Beaker 2000 ml         | -    | 4    | 8    |
| 1531J80    | 1000-3L   | Beaker 3000 ml         | 1    | -    | 6    |
| 1531J90    | 1000-4L   | Beaker 4000 ml         | 1    | -    | 6    |
| 1531J95    | 1000-PACK | Beaker Assortment Pack | -    | -    | 1    |

Corning

## PYREX Graduated Cylinders With Spout

With spout and hexagonal base

- Supplied with shock absorbing bumper guards.

Cylinders are calibrated “to deliver” in accordance with ASTM E-1272 and ASTM E-542 or “to contain”. The double scale, numbered up and down, is in durable white enamel.



| Thomas No. | Mfr. No. | Description                                         | Each | Pack | Case |
|------------|----------|-----------------------------------------------------|------|------|------|
| 3548F16    | 3022-10  | Cylinder, Pyrex, Graduated, To Contain, 10 ml. Pk 1 | -    | 1    | 24   |
| 3548F20    | 3022-25  | Cylinder, Pyrex, Graduated, To Contain, 25 ml       | 1    | -    | 18   |
| 3548F25    | 3022-50  | Cylinder, Pyrex, Graduated, To Contain, 50 ml       | 1    | -    | 18   |
| 3548F30    | 3022-100 | Cylinder, Pyrex, Graduated, To Contain, 100 ml      | 1    | -    | 12   |
| 3548F40    | 3022-250 | Cylinder, Pyrex, Graduated, To Contain, 250 ml      | 1    | -    | 12   |
| 3548F45    | 3022-500 | Cylinder, Pyrex, Graduated, To Contain, 500 ml      | 1    | -    | 8    |
| 3548F50    | 3022-1L  | Cylinder, Pyrex, Graduated, To Contain, 1000 ml     | 1    | -    | -    |
| 3548F55    | 3022-2L  | Cylinder, Pyrex, Graduated, To Contain, 2000 ml     | -    | -    | 1    |
| 3548F65    | 3024-5   | Cylinder, Pyrex, Graduated, To Deliver, 5 ml. Pk 1  | -    | 1    | 12   |
| 3548F69    | 3024-10  | Cylinder, Pyrex, Graduated, To Deliver, 10 ml. Pk 1 | -    | 1    | 24   |
| 3548F73    | 3024-25  | Cylinder, Pyrex, Graduated, To Deliver, 25 ml       | 1    | -    | 18   |
| 3548F77    | 3024-50  | Cylinder, Pyrex, Graduated, To Deliver, 50 ml       | 1    | -    | 18   |
| 3548F81    | 3024-100 | Cylinder, Pyrex, Graduated, To Deliver, 100 ml      | 1    | -    | 12   |



Corning

## PYREX® Economy Grade Burets

With replaceable components

- Corning 2116 series
- Tooled tops
- Screw thread stopcock

Reduce replacement costs with replaceable components. Tooled tops and bottoms. White enamel graduations. Ground glass tip. Plain top.

| Thomas No. | Mfr. No. | Description                                                    | Case |
|------------|----------|----------------------------------------------------------------|------|
| 1981F13    | 2116-25  | PYREX 25mL Economy Grade Burets with Replaceable PTFE Stopcock | 6    |
| 1981F23    | 2116-50  | PYREX 50mL Economy Grade Burets with Replaceable PTFE Stopcock | 6    |



Corning

## PYREX Heavy Duty Beakers

Extra-heavy walls and rim minimize breakage

These heavy duty beakers are specifically designed to offer the best mechanical strength under harsh conditions, such as mechanized washing operations. For convenience, the 250 through 4000mL beakers have a double graduated metric scale to indicate their approximate content. All sizes have an extra large marking spot. Reference: ASTM E-960.

| Thomas No. | Mfr. No. | Description          | Each | Pack | Case |
|------------|----------|----------------------|------|------|------|
| 1532N06    | 1003-150 | Beaker 150 ml        | -    | 12   | 48   |
| 1532N16    | 1003-250 | Beaker 250 ml        | -    | 12   | 48   |
| 1532N26    | 1003-400 | Beaker 400 ml        | -    | 12   | 48   |
| 1532N36    | 1003-600 | Beaker 600 ml        | -    | 6    | 36   |
| 1532N56    | 1003-1L  | Beaker 1000 ml       | -    | 6    | 24   |
| 1532N76    | 1003-2L  | Beaker 2000 ml. Pk 4 | -    | 4    | 8    |
| 1532N95    | 1003-4L  | Beaker 4000 ml       | 1    | -    | 4    |



Corning

## PYREX® Brand Economy Volumetric Flasks With Barrel-Shaped, Glass Stopper

- Calibrated "to contain" at 20°C
- Accuracy tolerances approximately twice those specified for Class A

| Thomas No. | Mfr. No. | Description                 | Each | Pack | Case |
|------------|----------|-----------------------------|------|------|------|
| 5003B18    | 5641-10  | Flask, Volumetric, 10 ml    | -    | -    | 12   |
| 5003B23    | 5641-25  | Flask, Volumetric, 25 ml    | -    | 6    | 12   |
| 5003B29    | 5641-50  | Flask, Volumetric, 50 ml    | -    | 6    | 12   |
| 5003B35    | 5641-100 | Flask, Volumetric, 100 ml   | -    | 6    | 12   |
| 5003B39    | 5641-200 | Flask, Volumetric, 200 ml   | -    | 6    | 12   |
| 5003B49    | 5641-250 | Flask, Volumetric, 250 ml   | -    | 6    | 12   |
| 5003B58    | 5641-1L  | Flask, Volumetric, 1,000 ml | 1    | -    | 12   |
| 5003B64    | 5641-2L  | Flask, Volumetric, 2,000 ml | 1    | -    | 12   |

## Corning

### PYREX Heavy-Duty Graduated Erlenmeyer Flasks



- Heavy-duty rim for longer service
- Narrow mouth
- Graduated scale indicates approximate volume

The Erlenmeyer design is extremely popular and has been modified for numerous lab applications.

| Thomas No. | Mfr. No.  | Description                                  | Each | Pack | Case |
|------------|-----------|----------------------------------------------|------|------|------|
| 4903G17    | 4980-25   | Flask, Erlenmeyer, Heavy Duty, 25 ml         | -    | 12   | 48   |
| 4903G23    | 4980-50   | Flask, Erlenmeyer, Heavy Duty, 50 ml         | -    | 12   | 48   |
| 4903G29    | 4980-125  | Flask, Erlenmeyer, Heavy Duty, 125 ml        | -    | 12   | 48   |
| 4903G41    | 4980-250  | Flask, Erlenmeyer, Heavy Duty, 250 ml        | -    | 12   | 48   |
| 4903G47    | 4980-300  | Flask, Erlenmeyer, Heavy Duty, 300 ml        | -    | 12   | 48   |
| 4903G53    | 4980-500  | Flask, Erlenmeyer, Heavy Duty, 500 ml        | -    | 6    | 36   |
| 4903G65    | 4980-1L   | Flask, Erlenmeyer, Heavy Duty, 1,000 ml      | -    | 6    | 24   |
| 4903G68    | 4980-1XL  | Flask, Erlenmeyer, Heavy Duty, 1,500 ml      | -    | -    | 1    |
| 4903G76    | 4980-2L   | Flask, Erlenmeyer, Heavy Duty, 2,000 ml      | 1    | -    | 8    |
| 4903G88    | 4980-4L   | Flask, Erlenmeyer, Heavy Duty, 4,000 ml      | 1    | -    | 4    |
| 4903G94    | 4980-6L   | Flask, Erlenmeyer, Heavy Duty, 6,000 ml      | 1    | -    | 4    |
| 4903G98    | 4980-PACK | Flask, Erlenmeyer, Heavy Duty, Assorted Pack | -    | -    | 5    |

## Corning

### Polycarbonate Baffled Erlenmeyer Flasks



- Suitable for shaker culture applications
- Optically clear polycarbonate
- Sterilized by gamma irradiation
- Certified nonpyrogenic
- Certified RNase- and DNase-free

Corning Baffled Erlenmeyer Flasks are for use in shaker culture applications. Models are available with vent caps for applications requiring sterile gas exchange.

Models with two-position polypropylene plug seal cap can be opened for gas exchange or closed for a liquid-tight seal. Flasks are sterile, disposable and have 25 or 50 mL graduation intervals.

Disclaimer: These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment.

| Thomas No. | Mfr. No. | Description                                                | Case |
|------------|----------|------------------------------------------------------------|------|
| 1231H59    | 431401   | Flask, Erlenmeyer, 500ml, Baffled, Vent, S, Ind, 1/25      | 25   |
| 1231H60    | 431402   | Flask, Erlenmeyer, 1L, Baffled, Plug Seal, S, Ind, 1/25    | 25   |
| 1231H61    | 431403   | Flask, Erlenmeyer, 1L, Baffled, Vent, S, 1/25              | 25   |
| 1231H62    | 431404   | Flask, Erlenmeyer, 125ml, Baffled, Plug Seal, S, Ind, 1/50 | 50   |
| 1231H63    | 431405   | Flask, Erlenmeyer, 125ml, Baffled, Vent Cap, S, Bk, 1/50   | 50   |
| 1231H64    | 431406   | Flask, Erlenmeyer, 250ml, Baffled, Plug Seal, S, Ind, 1/50 | 50   |
| 1231H65    | 431407   | Flask, Erlenmeyer, 250ml, Baffled, Vent Cap, S, 1/50       | 50   |
| 1231H66    | 431408   | Flask, Erlenmeyer, 500ml, Baffled, Plug Seal, S, Ind, 1/25 | 25   |

## Thermo Scientific Nalgene

### Labware Value Pack



- with the highest quality materials for dependable performance
- safer alternative to glass - won't shatter or break
- so trusted, millions are used in laboratories world wide
- Convenient - receive 20 items with one catalog number
- Cost effective - variety of everyday lab items at one low price

| Thomas No. | Mfr. No.  | Description        | Case |
|------------|-----------|--------------------|------|
| 1215V40    | 1350-0001 | Labware Value Pack | 1    |



Corning

## PYREX® Media Storage Bottles

Heavy-duty media bottle can be used for storage as well as mixing and sampling. Includes linerless, one-piece autoclavable polypropylene plug seal cap with drip free pouring rings. Optional red PBT caps and red ETFE pouring rings are available for dry heat sterilization (180°C). New glass bead indicates full capacity line on 100 mL through 2 L sizes. Bottles have permanent white enamel graduations and marking spots.

| Thomas No. | Mfr. No. | Description                          | Case |
|------------|----------|--------------------------------------|------|
| 1743E05    | 1395-25  | Pyrex Media Storage Bottles, 25 ml   | 10   |
| 1743E07    | 1395-50  | Pyrex Media Storage Bottles, 50 ml   | 10   |
| 1743E10    | 1395-100 | Pyrex Media Storage Bottles, 100 ml  | 10   |
| 1743E15    | 1395-250 | Pyrex Media Storage Bottles, 250 ml  | 10   |
| 1743E20    | 1395-500 | Pyrex Media Storage Bottles, 500 ml  | 10   |
| 1743E25    | 1395-1L  | Pyrex Media Storage Bottles, 1000 ml | 10   |
| 1743E30    | 1395-2L  | Pyrex Media Storage Bottles, 2000 ml | 10   |
| 1743E35    | 1395-5L  | Pyrex Media Storage Bottles, 5 L     | 1    |
| 1743E40    | 1395-10L | Pyrex Media Storage Bottles, 10 L    | 1    |



Corning

## PYREX Petri Dish

- Flat, clear dishes will withstand repeated sterilization (wet or dry)

The edges are beaded to provide greater mechanical strength; the bead also provides a means to equally space the side walls of the bottom and cover, thereby reducing the capillary action of condensed moisture on the sides.

Dishes are supplied complete with tops and bottoms; the tops are marked in blue enamel and the bottoms in white enamel to make sorting easier. Bottoms have a triangular, enamel point for serial dilutions.

| Thomas No. | Mfr. No. | Description                    | Pack | Case |
|------------|----------|--------------------------------|------|------|
| 3483D11    | 3160-60  | Culture, Petri Dish 60 X 15mm  | 12   | 72   |
| 3483D21    | 3160-100 | Culture, Petri Dish 100 X 10mm | 12   | 72   |
| 3483D31    | 3160-101 | Culture, Petri Dish 100 X 15mm | 12   | 72   |
| 3483D41    | 3160-102 | Culture, Petri Dish 100 X 20mm | 12   | 72   |
| 3483D51    | 3160-150 | Culture, Petri Dish 150 X 15mm | 12   | 24   |
| 3483D61    | 3160-152 | Culture, Petri Dish 150 X 20mm | 12   | 24   |



Corning

## PYREX Economy Grade Graduated Cylinders

- Calibrated "to contain"
- Tolerances  $\pm 5\%$
- Inexpensive, designed for those institutions performing many laboratory procedures

PYREX® glass has proven itself to be tough and reliable for over 75 years of demanding use in the laboratory environment. The PYREX® name is associated with high quality, corrosion and heat resistant laboratory glassware throughout the world.

| Thomas No. | Mfr. No. | Description                                                       | Pack | Case |
|------------|----------|-------------------------------------------------------------------|------|------|
| 3557B65    | 3025-10  | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 10 ml. Pk 1 | 1    | 24   |
| 3557B69    | 3025-25  | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 25 ml       | 1    | 18   |
| 3557B73    | 3025-50  | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 50 ml       | 1    | 18   |
| 3557B77    | 3025-100 | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 100 ml      | 1    | 12   |
| 3557B81    | 3025-250 | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 250 ml      | 1    | 12   |
| 3557B85    | 3025-500 | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 500 ml      | 1    | 8    |
| 3557B89    | 3025-1L  | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 1000 ml     | -    | 1    |
| 3557B93    | 3025-2L  | Cylinder, Pyrex, Economy Grade, Graduated, To Contain 2000 ml     | -    | 1    |

## Corning

### PYREX Flasks, Wide Mouth Erlenmeyer

- Plug-seal screw caps
- Graduated
- Neck opening: 29 mm

Ideal for all media prep and storage needs. Easy to use with larger volume serological pipets.



| Thomas No. | Mfr. No. | Description               | Case |
|------------|----------|---------------------------|------|
| 4907K01    | 4995-250 | Flask Wide Mouth, 250 ml  | 6    |
| 4907K03    | 4995-500 | Flask Wide Mouth, 500 ml  | 6    |
| 4907K05    | 4995-1L  | Flask Wide Mouth, 1000 ml | 6    |
| 4907K07    | 4995-2L  | Flask Wide Mouth, 2000 ml | 1    |
| 4907K09    | 4995-4L  | Flask Wide Mouth, 4000 ml | 1    |
| 4907K11    | 4995-6L  | Flask Wide Mouth, 6000 ml | 1    |

## Thermo Scientific Nalgene

### Nalgene™ Griffin Low-Form Beaker Variety Pack

Includes seven beakers, one each size: 50mL, 100mL, 150mL, 250mL, 400mL, 600mL and 1000mL



| Thomas No. | Mfr. No.  | Description                          | Pack |
|------------|-----------|--------------------------------------|------|
| 1197F26    | 1201-1234 | Griffin Low-Form Beaker Variety Pack | 7/PK |

## Thermo Scientific Nalgene

### Nalgene™ Graduated Cylinder Variety Pack

Includes seven beakers, one each size: 50mL, 100mL, 150mL, 250mL, 400mL, 600mL and 1000mL



| Thomas No. | Mfr. No.  | Description        | Case |
|------------|-----------|--------------------|------|
| 1215V40    | 1350-0001 | Labware Value Pack | 1    |

## Thermo Scientific Nalgene

### Drop-Dispenser Bottles

Always dispense just one drop at a time

- Nalge 2411
- Of low-density polyethylene
- Captive spout in center of screw cap with closure
- Leakproof



| Thomas No. | Mfr. No.  | Description                        | Pack | Case |
|------------|-----------|------------------------------------|------|------|
| 1758R10    | 2411-0015 | Drop-Dispenser Bottle, 15 ml       | 12   | 72   |
| 1758R19    | 2411-0030 | Drop-Dispenser Bottle, 30 ml       | 12   | 72   |
| 1758R28    | 2411-0060 | Drop-Dispenser Bottle, 60 ml       | 12   | 48   |
| 1758R37    | 2411-0125 | Drop-Dispenser Bottle LDPE, 125 ml | 12   | 48   |
| 1758R55    | 2411-0250 | Drop-Dispenser Bottle LDPE, 250 ml | 6    | 36   |



## Celltreat Scientific

### Serological Pipets - Individually Wrapped, Bag, Paper/Plastic

- All serological pipets are manufactured to the ASTM Standard Specification for Serological Pipets E-934
- Bi-directional (positive and negative) graduations are printed in bold easy-to-read ink
- Premium material barrier plug
- Color coded stripes and packaging enable quick volume identification
- Printed indicator arrow for quickly locating negative graduations when using a pipet controller
- 10mL Wide Tip Serological Pipet for viscous solutions – Wide Tip opening is 4x larger than standard 10mL pipet
- 25 & 50mL pipets feature an anti-drip tip for accurate delivery
- Available individually wrapped in bag or convenient shelf carton and bulk packed in bags
- NEW – Now available in double case quantities
- Double case serological pipets offer a price savings
- Save up to 65% on shipping costs
- Reduce your order frequency and cardboard waste

| Thomas No. | Mfr. No. | Description                                                   | Case |
|------------|----------|---------------------------------------------------------------|------|
| 1191Z90    | 229001B  | 1mL Pipet, Individually Wrapped, Paper/Plastic, Bag, Sterile  | 500  |
| 1191Z91    | 229002B  | 2mL Pipet, Individually Wrapped, Paper/Plastic, Bag, Sterile  | 200  |
| 1191Z92    | 229005B  | 5mL Pipet, Individually Wrapped, Paper/Plastic, Bag, Sterile  | 200  |
| 1191Z93    | 229010B  | 10mL Pipet, Individually Wrapped, Paper/Plastic, Bag, Sterile | 200  |
| 1191Z94    | 229025B  | 25mL Pipet, Individually Wrapped, Paper/Plastic, Bag, Sterile | 200  |
| 1191Z95    | 229030B  | 50mL Pipet, Individually Wrapped, Paper/Plastic, Bag, Sterile | 100  |



## Celltreat Scientific

### Compartment Petri Dishes

- Compartment Petri Dishes are designed for simultaneous studies of organisms in a common environment
- 100mm x 15mm Petri Dishes available with 2, 3 or 4 compartments
- The stackable lid design ensures stability
- Optically clear top and bottom viewing surfaces for improved imaging and observation
- Consistent flatness allows for even media distribution
- Ventilation Ribs allow for full air circulation and reduce condensation during incubation
- Flared lid skirt and squared corners for easy one-hand operation, especially with gloves
- Manufactured from medical-grade virgin polystyrene
- Packaged sterile (gamma irradiated)

| Thomas No. | Mfr. No. | Description                                      | Case |
|------------|----------|--------------------------------------------------|------|
| 1195W18    | 229682   | 100mm x 15mm Petri Dish, 2 Compartments, Sterile | 500  |
| 1195W19    | 229683   | 100mm x 15mm Petri Dish, 3 Compartments, Sterile | 500  |
| 1195W20    | 229684   | 100mm x 15mm Petri Dish, 4 Compartments, Sterile | 500  |



## Celltreat Scientific

### Plasteur® Plastic Pasteur Pipets

CELLTREAT Plasteur® Plastic Pasteur Pipets offer the aspirating precision of a glass pipet and the safety benefits of plastic. Plasteur Pipets are available in two sizes: 5.75" and 9" for easier handling and longer reach for working with larger vessels.

Available in medical grade virgin polystyrene and polypropylene, which provides the chemical resistivity needed for many applications.

| Thomas No. | Mfr. No. | Description                            | Case |
|------------|----------|----------------------------------------|------|
| 1195V94    | 229277   | 5.75" Length, Bulk Packed, Non-Sterile | 500  |
| 1195V97    | 229287   | 9" Length, Bulk Packed, Non-Sterile    | 500  |

## Globe Scientific



### Universal Yellow Pipette Tips

Styles include our Certified line of tips that are free from human DNA, RNase, DNase, pyrogens and PCR inhibitors.

Universal fit, used with many pipets.

| Thomas No. | Mfr. No. | Description                                                | Pack | Case |
|------------|----------|------------------------------------------------------------|------|------|
| 1202N32    | 152143   | 1 - 200uL, Universal, Yellow                               | 1000 | -    |
| 1202N33    | 152143R  | 1 - 200uL, Universal, Yellow, 200/Rack, 5 Racks/Stack Unit | -    | 1000 |

## labForce® (powered by Thomas Scientific)

### Sharp Elite™ Low-Retention Tips

Sharp Elite™ Pipet Tips provide the next generation of precision and convenience. Designed to precisely fit most universal pipettors, Sharp Elite™ tips deliver unmatched accuracy for your research needs.

#### Tip Features include:

- Ultralow retention resin maximizes your sample recovery
- Ultraclear resin allows sample volume to easily be visualized through the tips
- Graduated every 50µL for quick confirmation of sample volumes
  - 10µL XL tip features graduations at: 1, 2 and 10µL for accurate low-volume pipetting
  - 1000µL XL tip features extra headspace allowing for full 1mL draws without risk of contacting the filter
- Color coded wafers and big bold front of rack labels allow for quick tip volume identification
- Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and pyrogen-free.

All Sharp Elite™ Reloads are compatible with the Sharp Elite™ Empty Racks.

| Thomas No. | Description                                                                        | Each | Case  |
|------------|------------------------------------------------------------------------------------|------|-------|
| 1149J97    | 10 µL Sharp Elite™ Tips, Bulk, Low-Retention, Clear, Graduated, Low-Retention      | 1000 | 10000 |
| 1149J98    | 200 µL Sharp Elite™ Tips, Bulk, Clear, Graduated, Low-Retention                    | 1000 | 20000 |
| 1145N12    | 1000 µL XL Sharp Elite™ Tips, Bulk, Low-Retention, Clear, Graduated, Low-Retention | 1000 | 10000 |

## Sharpie

### Sharpie® Marker Pens



- Fine Point Markers
- Pen style
- Permanent on most surfaces
- AP certified non-toxic

High intensity, water resistant ink dries quickly. 7320E29 Assortment contains one each of black, red, blue and green markers in a vinyl pouch.

| Thomas No. | Mfr. No. | Description                                           | Case |
|------------|----------|-------------------------------------------------------|------|
| 7320E21    | 203349   | Sharpie® Permanent Fine-Point Markers, Black          | 12   |
| 7320E22    | 203356   | Sharpie® Permanent Fine-Point Markers, Red            | 12   |
| 7320E23    | 451906   | Sharpie® Permanent Fine-Point Markers, Blue           | 12   |
| 7320E24    | 742347   | Sharpie® Permanent Fine-Point Markers, Green          | 12   |
| 7320E28    | 236895   | Sharpie® Permanent Fine-Point Markers, Purple         | 12   |
| 7320E61    | 451898   | Sharpie® Permanent Ultra-Fine Point Markers, Black    | 12   |
| 7320E62    | 451872   | Sharpie® Permanent Ultra-Fine Point Markers, Red      | 12   |
| 1189N62    | 621516   | Sharpie® Permanent Ultra-Fine Point Markers, Assorted | 5    |



labForce® (powered by Thomas Scientific)

## EZgrip® Copolyester Carboys

- VersaCaps™, VersaBarbs™, and spigots are autoclavable. The recommended autoclaving cycle is 20 minutes at 15 PSI and 121°C (250°F).
- VersaCap™ technology provides the flexibility of interchangeable top connections
- Large, molded-in graduation marks with ± 5% accuracy
- Autoclavable spigot and VersaBarb™ technology
- EZfil™ 120 mm wide-mouth for easy filling and cleaning

| Thomas No. | Mfr. No. | Description                                       | Each | Pack |
|------------|----------|---------------------------------------------------|------|------|
| 1198H99    | -        | Carboy, Copolyester, 2.5L, VersaCap 80            | -    | 1    |
| 1198J01    | -        | Carboy, Copolyester, 10L, No Spigot, VersaCap 80  | -    | 1    |
| 1198J02    | -        | Carboy, Copolyester, 20L, No Spigot, VersaCap 120 | -    | 1    |

Foxx Life Sciences

## Autofil™ Bottle-Top Filtration System



Foxx Life Sciences' Autofil Bottle-Top Filtration Systems are disposable, sterile, vacuum operated systems for the sterile preparation of buffers, tissue culture media, microbiological media, and other biological fluids. Systems are available with asymmetric 0.22 µm (sterilization grade) and 0.45 µm (clarification grade) PES membranes. The complete system is composed of a polystyrene filter funnel and receiver bottle, a SECUREgrasp cap, and a vacuum hose adapter. Systems with 15 mL and 50 mL polypropylene centrifuge tubes are also available. Filtration funnels are compatible with the patented Autofil pedestal, a cradle ring for use with existing lab stands, and vacuum hose adapters. All components are USP Class VI, FDA grade, and are conveniently sold gamma-sterilized.

- Quick-Connect pedestal offers one-time vacuum connection and one-handed operation
- Conveniently sold pre-sterilized
- Autofil is available as a complete system or as a bottle-top filter

| Thomas No. | Description                                                          | Case |
|------------|----------------------------------------------------------------------|------|
| 1198H41    | 250mL Autofil 0.2µm High Flow PES Bottle Top Filter, Full Assembly   | 12   |
| 1198H42    | 500mL Autofil 0.2µm High Flow PES Bottle Top Filter, Full Assembly   | 12   |
| 1198H43    | 1000mL Autofil 0.2µm High Flow PES Bottle Top Filter, Full Assembly  | 12   |
| 1198H49    | 250mL Autofil 0.45µm High Flow PES Bottle Top Filter, Full Assembly  | 12   |
| 1198H50    | 500mL Autofil 0.45µm High Flow PES Bottle Top Filter, Full Assembly  | 12   |
| 1198H51    | 1000mL Autofil 0.45µm High Flow PES Bottle Top Filter, Full Assembly | 12   |

DWK Life Sciences (Kimble)

## KIMAX Brand Class A Accuracy Volumetric Flasks



- KIMAX® flask calibrated to contain
- Class A accuracy but without a serial number
- Supplied with a polyethylene snap cap
- Replacement cap is 28150R
- Designed from ASTM Specification E288 requirements
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I Class A requirements.

| Thomas No. | Mfr. No.   | Description                                | Each | Pack | Case |
|------------|------------|--------------------------------------------|------|------|------|
| 4989H33    | 28008-25   | Flask, Volumetric, Class A, Snap, 25 ml    | -    | 6    | 12   |
| 1198Q55    | 28008-50   | Flask, Volumetric, Class A, Snap, 50 ml    | -    | 6    | 12   |
| 4989H45    | 28008-100  | Flask, Volumetric, Class A, Snap, 100 ml   | -    | 6    | 12   |
| 4989H51    | 28008-200  | Flask, Volumetric, Class A, Snap, 200 ml   | -    | 6    | 12   |
| 4989H57    | 28008-250  | Flask, Volumetric, Class A, Snap, 250 ml   | -    | 6    | 12   |
| 4989H70    | 28008-1000 | Flask, Volumetric, Class A, Snap, 1,000 ml | -    | 6    | 12   |

## DWK Life Sciences (Kimble)



### Cylinder Bumper Blue Scale Education 10mL

This KIMAX® educational grade cylinder is ideal for use in educational institutions and for many general laboratory procedures.

- “TD” appears on each cylinder and indicates the cylinder is calibrated to deliver
- Made of sturdy borosilicate glass, with a reinforced top bead, a pour spout and a hexagonal plastic base.
- SAFE-GARD® bumpers are supplied with sizes 25 through 100mL
- The 10mL size has an enlarged funnel-shaped top for ease of filling
- The 10 and 25mL sizes are comparatively short to provide increased stability
- Scale is durable blue ceramic enamel
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements

| Thomas No. | Mfr. No.   | Description                               | Case |
|------------|------------|-------------------------------------------|------|
| 0493M73    | 20025H-10  | Cylinder Bumper Blue Scale Education 10mL | 24   |
| 0493M42    | 20025H-25  | Cylinder Bumper Blu Scale Education 25ml  | 24   |
| 0493M43    | 20025H-50  | Cylinder Bumper Blu Scale Education 50ml  | 24   |
| 0493M44    | 20025H-100 | Cylinder Bumper Blu Scale Education 100ml | 24   |

## Sharpie

### Sharpie® Marker Pens



- Fine Point Markers
- Pen style
- Permanent on most surfaces
- AP certified non-toxic

High intensity, water resistant ink dries quickly. 7320E29 Assortment contains one each of black, red, blue and green markers in a vinyl pouch.

| Thomas No. | Mfr. No. | Description                                           | Case |
|------------|----------|-------------------------------------------------------|------|
| 7320E21    | 203349   | Sharpie® Permanent Fine-Point Markers, Black          | 12   |
| 7320E22    | 203356   | Sharpie® Permanent Fine-Point Markers, Red            | 12   |
| 7320E23    | 451906   | Sharpie® Permanent Fine-Point Markers, Blue           | 12   |
| 7320E24    | 742347   | Sharpie® Permanent Fine-Point Markers, Green          | 12   |
| 7320E28    | 236895   | Sharpie® Permanent Fine-Point Markers, Purple         | 12   |
| 7320E61    | 451898   | Sharpie® Permanent Ultra-Fine Point Markers, Black    | 12   |
| 7320E62    | 451872   | Sharpie® Permanent Ultra-Fine Point Markers, Red      | 12   |
| 1189N62    | 621516   | Sharpie® Permanent Ultra-Fine Point Markers, Assorted | 5    |

## Kimberly Clark

### Kimwipe® EX-L | Delicate Task Wipers



- Soft and gentle on surfaces
- Absorbent
- Low-linting
- Single-ply wipers are soft, non-abrasive and safe for most delicate surfaces. Wipes clean, providing extra low-lint and extractable
- performance. Easily wipes liquid and dust. Two sizes are packaged
- in Pop-Up® dispenser boxes.

| Thomas No. | Mfr. No. | Description                                          | Each | Pack | Case  |
|------------|----------|------------------------------------------------------|------|------|-------|
| 2904F24    | 34155    | Kimwipes* Delicate Task Wipers (34155) 4.4" x 8.4"   | -    | 286  | 17160 |
| 2904F39    | 34133    | Kimwipes* Delicate Task Wipers (34133) 11.8" x 11.8" | -    | 196  | 2940  |
| 1234Z62    | 34256    | Kimwipes* Delicate Task Wipers (34256) 14.7" x 16.6" | 140  | -    | 2100  |



## DWK Life Sciences (Kimble)

### KIMAX® Low Form Griffin Beakers

- Thick, slightly flared, beaded top, with a spout designed to have excellent pouring characteristics
- Improved mechanical and thermal properties result from the uniform sidewall and bottom thickness design
- Suitable for use on a hotplate
- All sizes have a durable matte finish marking area for use with an ordinary pencil
- Easy-to-read white graduated scale for measuring and/or mixing liquids is provided on all sizes from 20 to 4000mL
- Ref: ASTM Method D2070
- Design meets ASTM Specification E960, Type I requirements
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements

| Thomas No. | Mfr. No.   | Description       | Each | Pack | Case |
|------------|------------|-------------------|------|------|------|
| 1530L26    | 14000-10   | Beaker, 10 mL     | -    | 12   | 48   |
| 1530L46    | 14000-20   | Beaker, 20 mL     | -    | 12   | 48   |
| 1530L56    | 14000-30   | Beaker, 30 mL     | -    | 12   | 48   |
| 1530L66    | 14000-50   | Beaker, 50 mL     | -    | 12   | 48   |
| 1530L76    | 14000-100  | Beaker, 100 mL    | -    | 12   | 48   |
| 1530L86    | 14000-150  | Beaker, 150 mL    | -    | 12   | 48   |
| 1530M11    | 14000-250  | Beaker, 250 mL    | -    | 12   | 48   |
| 1530M21    | 14000-400  | Beaker, 400 mL    | -    | 12   | 48   |
| 1530M31    | 14000-600  | Beaker, 600 mL    | -    | 6    | 36   |
| 1530M41    | 14000-800  | Beaker, 800 mL    | -    | 6    | 24   |
| 1530M51    | 14000-1000 | Beaker, 1, 000 mL | -    | 6    | 24   |
| 1530M60    | 14000-1500 | Beaker, 1, 500 mL | -    | 4    | 16   |
| 1530M71    | 14000-2000 | Beaker, 2, 000 mL | -    | 4    | 8    |
| 1530M90    | 14000-4000 | Beaker, 4, 000 mL | 1    | -    | 6    |

## DWK Life Sciences (Wheaton)

### Glass Liquid Scintillation Vials

- Scintillation vials are 20mL made from Wheaton 180 low potassium borosilicate glass
- Available with caps attached, caps packaged separately or without caps
- Packaged in corrugated trays of 100

Glass Vials are manufactured from Wheaton 180 low potassium borosilicate glass that conforms to ASTM Type I, Class A requirements. Critical manufacturing tolerances ensure reliable, consistent results for scintillation counting. Vials load properly into counting machines without jamming or breaking. Background counts are consistent and low; ultraviolet transmission is high. White caps fit tightly to avoid solubilizer fumes in the laboratory and have tops suitable for writing.

| Thomas No. | Mfr. No. | Description                                                | Case |
|------------|----------|------------------------------------------------------------|------|
| 1230L56    | 986540   | Vial Liquid Scintillation 22-400 PP Cap Fmd PE Lr 20mL     | 500  |
| 1230L57    | 986560   | Vial Liquid Scintillation 24-400 PP Cap Fmd PE Lr 20mL     | 500  |
| 1230L58    | 986561   | Vial Liquid Scintillation 24-400 PP Cap Foil Lr 20mL       | 500  |
| 1230L59    | 986580   | Vial Liquid Scintillation 22-400 PP Cap Sep Fmd PE Lr 20mL | 500  |
| 1230L61    | 986586   | Vial Liquid Scintillation 22-400 Urea Cap Sep P-Se Lr 20mL | 500  |
| 1230L62    | 986590   | Vial Liquid Scintillation 24-400 PP Cap Sep Fmd PE Lr 20mL | 500  |
| 9718H30    | 986541   | Vial, 28 x 61mm                                            | 500  |
| 9718H40    | 986542   | Vial, 28 x 61mm, Metal Foil-Lined Cap                      | 500  |
| 9718H50    | 986546   | Vial, 28 x 61mm, Plastic Cap                               | 500  |
| 9718H60    | 986548   | Vial, 28 x 61mm, w / No. 22 Cap, Disc                      | 500  |
| 9718H82    | 986581   | Vial, 28 x 61mm, w / Size 22 Caps                          | 500  |
| 9718H84    | 986591   | Vial, 28 x 61mm, w / Size 24 Caps                          | 500  |
| 9718H90    | 986562   | Vial w/No. 24 Cap Metal, 20mL                              | 500  |
| 9718H92    | 986568   | Vial w/No. 24 Cap Disc, 20mL                               | 500  |

## Globe Scientific

### Ground Edge Microscope Slides



- 25 x 75 x 1mm
- 90° ground edges
- 90° corners
- Pre-cleaned
- Frosted Slides: frosted on 1 end, 1 side

| Thomas No. | Mfr. No. | Description                             | Pack | Case |
|------------|----------|-----------------------------------------|------|------|
| 1192L95    | 1301-144 | 90° Ground Edges, Plain                 | 144  | -    |
| 1227Z72    | 1301     | 90° Ground Edges, Plain                 | -    | 1440 |
| 1192L97    | 1304-144 | 90° Ground Edges, Frosted 1 End, 1 Side | 144  | -    |
| 1227Z73    | 1304     | 90° Ground Edges, Frosted 1 End, 1 Side | -    | 1440 |

## Globe Scientific

### Ground Edge, Safety Corner Microscope Slides



- 25 x 75 x 1mm
- 90° ground edges
- 90° corners
- Pre-cleaned
- Frosted Slides: frosted on 1 end, 1 side

| Thomas No. | Mfr. No. | Description                             | Case |
|------------|----------|-----------------------------------------|------|
| 1227Z74    | 1321     | Slide Microscope Safety Corners Plain   | 1440 |
| 1227Z75    | 1324     | Slide Microscope Safety Corners Frosted | 1440 |

## Globe Scientific

### Wall Mount Drying/Draining Rack



- Made from high-impact polystyrene
- 72 interchangeable pegs - 11 small pegs
- Drip channel with draining hose
- Rack dimensions: 17.7" (W) x 24.8" (H) x 4.3" (D) - (450mm x 630mm x 110mm)
- Peg Dimensions: 3.7" long x 0.6" diameter (95mm x 15mm)

| Thomas No. | Mfr. No. | Description                           | Case    |
|------------|----------|---------------------------------------|---------|
| 1224M36    | 600213   | Drying Rack, 72-place                 | 1 / EA  |
| 1224M37    | 601213   | Pegs, Small, for Drying/Draining Rack | 11 / PK |

## Globe Scientific

### Colored And Frosted Microscope Slides



- Pre-cleaned and ready-to-use
- Offered in six bright, attractive colors
- Color frosted: 1 end, 1 side
- 25 x 75 x 1 mm
- Ground with safety corners

| Thomas No. | Mfr. No. | Description    | Box | Case |
|------------|----------|----------------|-----|------|
| 1228T58    | 1324B    | Blue Frosted   | 72  | 1440 |
| 1228T59    | 1324G    | Green Frosted  | 72  | 1440 |
| 1228T60    | 1324N    | Orange Frosted | 72  | 1440 |
| 1228T61    | 1324P    | Pink Frosted   | 72  | 1440 |
| 1228T57    | 1324W    | White Frosted  | 72  | 1440 |
| 1228T62    | 1324Y    | Yellow Frosted | 72  | 1440 |



Globe Scientific

## GHS Compliant, Multi-Lingual Wash Bottles

### GHS Compliant Pre-Printed Wash Bottles

- Compliant for June, 2015: bottles meet the latest requirements of GHS and OSHA HAZCOM 29 CFR 1910.1200 for workplace labels
- All bottles include Globally Harmonized Pictograms and signal words, NFPA diamond, risk phrases and safety information
- Indelibly printed in 3 languages (English, Spanish and French)
- Bottles are fully assembled
- Precision jet-tip for total control
- Produced from low density polyethylene (LDPE)
- 500mL capacity

### Safety-Vented, Pre-Printed Wash Bottles

- Features the patented DripLok® vapor venting valve that prevents solvent drips
- Choose from 4 solvent labels: acetone, methanol, isopropanol and ethanol, all including the new Globally Harmonized Symbols, NFPA diamond, risk phrases and safety information

### Non-Vented, Pre-Printed Wash Bottles

- Distilled water wash bottle with all the other features as our solvent bottles but without the DripLok® safety valve

| Thomas No. | Mfr. No.         | Description                                        |
|------------|------------------|----------------------------------------------------|
| 1190V90    | WGW537VTML-GHS-1 | Acetone, 500mL, Safety Vented, Red (Pack/5)        |
| 1190V91    | WGW537VTML-GHS1  | Acetone, 500mL, Safety Vented, Red (Each)          |
| 1190V92    | WGW538VTML-GHS   | Methanol, 500mL, Safety Vented, Green (Pack/5)     |
| 1190V93    | WGW538VTML-GHS1  | Methanol, 500mL, Safety Vented, Green (Each)       |
| 1190V94    | WGW539VTML-GHS   | Isopropanol, 500mL, Safety Vented, Yellow (Pack/5) |
| 1190V95    | WGW539VTML-GHS1  | Isopropanol, 500mL, Safety Vented, Yellow (Each)   |
| 1190V96    | WGW541VTML-GHS   | Ethanol, 500mL, Safety Vented, Orange (Pack/5)     |
| 1190V97    | WGW541VTML-GHS1  | Ethanol, 500mL, Safety Vented, Orange (Each)       |
| 1190V98    | WGW601PML-GHS    | Distilled Water, 500mL, White (Pack/5)             |
| 1190V99    | WGW601PML-GHS1   | Distilled Water, 500mL, White (Each)               |



Globe Scientific

## Borosilicate Glass | Culture Tubes

- Material: Type 1, Class A Borosilicate Glass
- Tubes can be used for tissue culture and blood banks
- Tubes are chemically inert
- Produced in an ISO 9001:2008 certified factory
- Tubes feature well-rounded bottoms and smooth fire-polished rims
- Meets ASTM E890 specification, type 1 requirements
- Conforms to USP Type 1 standards

| Thomas No. | Mfr. No. | Description                                                          | Case |
|------------|----------|----------------------------------------------------------------------|------|
| 1218M69    | 1503     | Borosilicate Glass Culture Tube, 10 x 75mm, 4mL, 250/bx, 4 bx/case   | 1000 |
| 1218M70    | 1505     | Borosilicate Glass Culture Tube, 12 x 75mm, 6mL, 250/bx, 4 bx/case   | 1000 |
| 1218M71    | 1510     | Borosilicate Glass Culture Tube, 13 x 100mm, 10mL, 250/bx, 4 bx/case | 1000 |
| 1218M72    | 1512     | Borosilicate Glass Culture Tube, 16 x 100mm, 14mL, 250/bx, 4 bx/case | 1000 |
| 1218M73    | 1515     | Borosilicate Glass Culture Tube, 16 x 125mm, 19mL, 250/bx, 4 bx/case | 1000 |
| 1218M74    | 1517     | Borosilicate Glass Culture Tube, 16 x 150mm, 23mL, 250/bx, 4 bx/case | 1000 |
| 1158W40    | 1519     | Borosilicate Glass Culture Tube, 18 x 150mm, 29mL, 125/bx, 4 bx/case | 500  |
| 1158W41    | 1522     | Borosilicate Glass Culture Tube, 20 x 150mm, 36mL, 125/bx, 4 bx/case | 500  |
| 1218M75    | 1590     | Metal Dispenser for 10 x 75mm and 12 x 75mm glass culture tubes      | 1    |
| 1218M76    | 1592     | Metal Dispenser for 13 x 75mm glass culture tubes                    | 1    |

## Globe Scientific

### Grip Racks

#### Grip rack for up to 17mm tubes

Specially designed test tube rack features rubber grips that hold test tubes in place when decanting liquid. For up to 17mm tubes, 50-place (5 x 10 configuration), blue, Autoclavable.

Dimensions: 254 x 140 x 51mm

#### Grip rack w/ tube ejector

Specially designed test tube rack features rubber grips that hold test tubes in place when decanting liquid. This rack features a unique tube ejector that allows the user to easily eject all tubes into a waste receptacle at once. For up to 16mm tubes, 50-place (5 x 10 configuration), blue, Autoclavable.

Dimensions: 260 x 140 x 82mm



| Thomas No. | Mfr. No. | Description                                                                             | Each |
|------------|----------|-----------------------------------------------------------------------------------------|------|
| 1216P43    | 456920   | Grip rack for up to 17mm tubes                                                          | 1    |
| 1216P44    | 456925   | Grip rack w/ tube ejector                                                               | 1    |
| 1201J31    | 456921   | Rack with Grippers, for up to 17mm Tubes, 50-Place, Autoclavable, Orange                | 1    |
| 1201J32    | 456926   | Rack with Grippers and Tube Eject, for up to 16mm Tubes, 50-Place, Autoclavable, Orange | 1    |

## SP Bel-Art

### Switch-Grid™ Test Tube Racks

- 10mm to 30mm diameter test tubes fit in 5 colored coded grid inserts
- Three tier rack holds tubes securely in place
- Rubber feet keep racks from sliding on benchtop, provide secure stacking while in storage
- Chemical resistant polyoxymethylene plastic rack frame and grids can be cleaned with mild detergent, ethanol or isopropyl alcohol; autoclaved at 121°C (250°F)
- More compact and less expensive than purchasing multiple racks
- Rack frame overall dimensions: 31.8L x 11.1W x 6.7cmH (12 1/2 x 4 3/8 x 2 5/8")



| Thomas No. | Mfr. No.    | Description                                | Each | Pack |
|------------|-------------|--------------------------------------------|------|------|
| 1208T13    | F18745-0010 | Switch-Grid Test Tube Rack Orange 10-13mm  | 1    | -    |
| 1208T14    | F18745-0011 | Switch-Grid Test Tube Rack Blue 13-16mm    | 1    | -    |
| 1208T15    | F18745-0012 | Switch-Grid Test Tube Rack Green 16-20mm   | 1    | -    |
| 1208T16    | F18745-0013 | Switch-Grid Test Tube Rack Fuchsia 20-25mm | 1    | -    |
| 1208T17    | F18745-0014 | Switch-Grid Test Tube Rack Yellow 25-30mm  | 1    | -    |
| 1208T18    | F18745-1300 | Grid Set Switch-Grid Rack Orange 10-13mm   | -    | 4    |
| 1208T19    | F18745-1600 | Grid Set Switch-Grid Rack Blue 13-16mm     | -    | 4    |
| 1208T20    | F18745-2000 | Grid Set Switch-Grid Rack Green 16-20mm    | -    | 4    |
| 1208T21    | F18745-2500 | Grid Set Switch-Grid Rack Fuchsia 20-25mm  | -    | 4    |
| 1208T22    | F18745-3000 | Grid Set Switch-Grid Rack Yellow 25-30mm   | -    | 4    |
| 1189M57    | F18745-0045 | Switch-Grid Test Tube Rack Frame Only      | 1    | -    |

## Thomas®

### 4-Channel Alarm Timer

- Easy on the eyes
- High-decibel alarm
- NIST Traceable® certificate
- Four channels
- Perfect for repetitive testing
- Features also include stopwatch, time out, and time of day clock
- Extra loud alarm
- Magnetic back, flip open easel for standing upright, a spring fastener for clipping, and an opening for lanyard
- Accuracy is 0.01%
- Supplied with 2-year silver oxide battery



| Thomas No. | Description           | Mfr. No. |
|------------|-----------------------|----------|
| 9371W52    | 4-Channel Alarm Timer | 1        |

# Basic Lab Supplies



## labForce® (powered by Thomas Scientific) Stopwatch, Traceable® Shockproof & Waterproof

- Single-action, time-out, cumulative split and continuous timing stopwatches
- Time to 24 hours
- Accuracy: 8 sec/day
- Resolution: 0.01 sec up to 30 min, 1 sec above 30 min
- Battery type: 1.5 V button cell

| Thomas No. | Description                                   | Each |
|------------|-----------------------------------------------|------|
| 8788V77    | Stopwatch, Traceable® Shockproof & Waterproof | 1    |



## labForce® (powered by Thomas Scientific) Thomas Clean-Wipes

- 70% isopropyl or 100% pure water treated wipes
- High-quality, ultra-clean grade
- Strong, soft and lint-free

| Thomas No. | Description                           | Case |
|------------|---------------------------------------|------|
| 2903J75    | Clean-Wipes, Deionized Water, Can 100 | 1    |
| 2903J78    | Clean-Wipes, 70% Iso Alcohol, Can 100 | 1    |
| 2903J81    | Clean Wipes, Dry, Can 100             | 1    |



## labForce® (powered by Thomas Scientific) QC Lab Timer

- Easy-to-learn operation
- NIST Traceable® Certificate supplied
- Quartz-crystal accuracy to 0.01%

| Thomas No. | Description  | Each |
|------------|--------------|------|
| 9371W38    | QC Lab Timer | 1    |



## labForce® (powered by Thomas Scientific) Clip-It Timer

- Large, clear LCD
- Quartz crystal accuracy 0.01%
- Easy-to-use three button operation
- Rugged chemical-resistant ABS plastic case

| Thomas No. | Description   | Each |
|------------|---------------|------|
| 9371R35    | CLIP-IT TIMER | 1    |



labForce® (powered by Thomas Scientific)

## Traceable® Digital-Bottle™ Refrigerator/Freezer Thermometer with min/max readings

- Digital-Bottle™ is accurate
- Records high/low readings
- Supplied with unique holder
- Digital-Bottle™ avoids mercury contamination
- Traceable to NIST for accuracy

| Thomas No. | Description                                                                                                                                                                                                | Each |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1221Z93    | Traceable® Digital-Bottle™ Refrigerator/Freezer Thermometer, Glycol-Filled Bottle; Accuracy: $\pm 0.5^{\circ}\text{C}$ between $0^{\circ}$ to $50^{\circ}\text{C}$ ; otherwise $\pm 1^{\circ}\text{C}$     | 1    |
| 1221Z95    | Traceable® Digital-Bottle™ Refrigerator/Freezer Thermometer, Glass-Bead Filled Bottle; Accuracy: $\pm 0.5^{\circ}\text{C}$ between $0^{\circ}$ to $50^{\circ}\text{C}$ ; otherwise $\pm 1^{\circ}\text{C}$ | 1    |

Thomas®

## Easy-Read® Environmentally Friendly, General Purpose Liquid-In-Glass Thermometers

- Black liquid against lead-free, yellow back glass for easy readability and fewer reading errors
- Ideal for use in chemical/petrochemical laboratories, universities, scientific institutions, food and beverage processing, pharmaceutical and medical industries, dairies, breweries and distilleries
- Manufactured and tested by our USA quality team
- Traceable to NIST
- Includes multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy and Traceability, non-roll fitting and individual serial number

| Thomas No. | Description                                                                                                                      | Each | Case |
|------------|----------------------------------------------------------------------------------------------------------------------------------|------|------|
| 1221Z93    | Easy-Read General Purpose Liquid-In-Glass Thermometer; $-20$ to $150^{\circ}\text{C}$ , 76mm Immersion, Environmentally Friendly | 1    | 25   |
| 9313A24    | Easy-Read General Purpose Liquid-In-Glass Thermometer; $-10$ to $260^{\circ}\text{C}$ , 76mm Immersion, Environmentally Friendly | 1    | 25   |

SP Bel-Art

## Magic Touch 2™ Lab Ice Buckets

- Expanded urethane laboratory ice buckets are durable and non-sweating
- Able to withstand a wide temperature range:  $-196^{\circ}\text{C}$  ( $-320^{\circ}\text{F}$ ) to  $100^{\circ}\text{C}$  ( $212^{\circ}\text{F}$ )
- Impervious to moisture and odors
- Features convenient pour spout, drip-proof rims and fill line indicator
- Includes snug-fitting lid
- Raised edge provides secure transport
- Available in 2.5L and 4.0L sizes, each in four colors; blue, black, red and green

| Thomas No. | Mfr. No.    | Description                                                     | Each |
|------------|-------------|-----------------------------------------------------------------|------|
| 1209Q99    | M16807-4001 | Ice Bucket w/lid, Magic Touch™ 2, blue, 4.0L, 28 x 28 x 18.5cm  | 1    |
| 1209R00    | M16807-4002 | Ice Bucket w/lid, Magic Touch™ 2, black, 4.0L, 28 x 28 x 18.5cm | 1    |
| 1209R01    | M16807-4003 | Ice Bucket w/lid, Magic Touch™ 2, red, 4.0L, 28 x 28 x 18.5cm   | 1    |
| 1209R02    | M16807-4004 | Ice Bucket w/lid, Magic Touch™ 2, green, 4.0L, 28 x 28 x 18.5cm | 1    |



# Basic Lab Supplies

SP Bel-Art

## Prep Safe™ Floating Microcentrifuge Tube Rack



- Prevent tube tops from popping open during boiling
- Holds up to twelve 1.5ml or 2.0ml microcentrifuge tubes in numbered locations
- Fits most 1000ml beakers
- Optional vortexing attachment; allows samples to be vortexed simultaneously
- Polypropylene construction; steam autoclavable at 121°C (250°F)

| Thomas No. | Mfr. No.    | Description                                   | Case |
|------------|-------------|-----------------------------------------------|------|
| 1223P53    | F18742-0001 | Prep Safe™ Floating Microcentrifuge Tube Rack | 1    |

SP Bel-Art

## Scienceware® PrepSafe™ Microcentrifuge Tube Mini Floating Racks



- Immobilizing tabs prevent tube tops from popping open during boiling
- Holds up to twelve 1.5ml or 2.0ml microcentrifuge tubes in numbered locations
- Raised handle for easy lifting without agitating samples
- Stable feet keep racks upright on the bench
- Use in water baths, ice or on the benchtop
- 95mm outer diameter fits most 1000ml beakers
- Optional vortexing attachment allows samples to be vortexed simultaneously
- Steam autoclavable at 121°C (250°F)

| Thomas No. | Mfr. No.    | Description                           | Each |
|------------|-------------|---------------------------------------|------|
| 1220R43    | F18742-0120 | Rack, Prepsafe™, MCT, mini, Clear     | 1    |
| 1220R44    | F187420121  | Rack, Prepsafe™, MCT, mini, Turquoise | 1    |
| 1220R45    | F18742-0122 | Rack, Prepsafe™, MCT, mini, fuschia   | 1    |
| 1220R46    | F18742-0123 | Rack, Prepsafe™, MCT, mini, yellow    | 1    |

## Dynalon Funnels



| Thomas No. | Mfr. No.    | Description    | Case |
|------------|-------------|----------------|------|
| 1211A39    | 412334-0001 | Funnels 2-3/4" | 36   |
| 1211A40    | 412334-0002 | Funnels 3-1/2" | 36   |
| 1211A41    | 412334-0003 | Funnels 4-1/4" | 24   |
| 1211A42    | 412334-0004 | Funnels 5"     | 24   |
| 1211A43    | 412334-0005 | Funnels 6-3/8" | 12   |
| 1211A44    | 412334-0006 | Funnels 8"     | 12   |
| 1211A45    | 412334-0008 | Funnels 8"     | 6    |
| 1211A46    | 412334-0011 | Funnels 11"    | 2    |

FyterTech Nonwovens

## Multi-Purpose Lab Soakers



- Soakers are made with multiple layers of 100% recycled tissue and a plastic poly backing for diaper-like characteristics. Heavy duty models feature durable fabric top.

| Thomas No. | Mfr. No.  | Description                                             | Case |
|------------|-----------|---------------------------------------------------------|------|
| 1233K18    | 37031-080 | Lab Soaker, Light Duty Pad, 20"L x 16"W                 | 250  |
| 1233K19    | 47031-000 | Lab Soaker, Heavy Duty Roll w/ Fabric Top, 200'L x 20"W | 2    |
| 1233K20    | 47031-018 | Lab Soaker, Heavy Duty Pad w/ Fabric Top, 20"L x 16"W   | 200  |

## MilliporeSigma SpillSolv® Chemical Spill Kits



Choose from 6 different kits

- High capacity neutralizers
- Wall-mountable or portable case
- Shaker-top containers
- Neutralization indicated by color change

Uses less neutralizer which provides faster cleanups and less expense. Forms into small clumps making clean-up and disposal quicker and simpler. Sturdy, bright yellow case is lightweight and resists deterioration. Shaker-top bottles eliminate having to scoop neutralizers out of a container. Replacement kits contain neutralizers only.

| Thomas No. | Mfr. No.  | Description                                                      | Case |
|------------|-----------|------------------------------------------------------------------|------|
| 8237A01    | SX1300-1  | SpillSolv® Spill Kit, Multi-purpose                              | 1    |
| 8237A03    | SX1300R-1 | SpillSolv® Spill Kit, Multi-purpose, Replacement kit             | 1    |
| 8237A05    | SX1310-1  | SpillSolv® Spill Kit, Acid, Bulk Neutralizer                     | 1    |
| 8237A07    | SX1310R-1 | SpillSolv® Spill Kit, Acid, Bulk Neutralizer, Replacement kit    | 1    |
| 8237A09    | SX1330-1  | SpillSolv® Spill Kit, Solvent Spill Adsorber                     | 1    |
| 8237A11    | SX1330R-1 | SpillSolv® Spill Kit, Solvent Spill Adsorber, Replacement kit    | 1    |
| 8237A13    | SX1320-1  | SpillSolv® Spill Kit, Caustic, Bulk Neutralizer                  | 1    |
| 8237A15    | SX1320R-1 | SpillSolv® Spill Kit, Caustic, Bulk Neutralizer, Replacement kit | 1    |
| 8237A19    | SX1340-1  | SpillSolv® Spill Kit, Formaldehyde                               | 1    |
| 8237A21    | SX1340R-1 | SpillSolv® Spill Kit, Formaldehyde, Replacement kit              | 1    |
| 8237A25    | SX1350-1  | SpillSolv® Spill Kit, Mercury                                    | 1    |

## Eagle Manufacturing Company Biohazardous Waste Cans



- Polyethylene construction
- Advises workers of potential biohazards
- Meets OSHA requirements for exposures to blood-borne pathogens
- Foot lever reduces user's hands-on exposure

Polyethylene construction helps prevent accidental punctures which may occur with biohazard bags in open stands. Waste cans are available in 3 sizes.

| Thomas No. | Mfr. No. | Description                                                          | Case |
|------------|----------|----------------------------------------------------------------------|------|
| 9775H01    | 943BIO   | Biohazardous Waste Can, 6 gallon, Polyethylene - Red w / Foot Lever  | 1    |
| 9775H04    | 945BIO   | Biohazardous Waste Can, 10 gallon, Polyethylene - Red w / Foot Lever | 1    |
| 9775H07    | 947BIO   | Biohazardous Waste Can, 14 gallon, Polyethylene - Red w / Foot Lever | 1    |

## safeForce™ (powered by Thomas Scientific) safeForce Glass Disposal Boxes



Safely handle broken glass

- Featuring NEW Carry Handles!
- Sturdy corrugated cardboard
- 2 mil thick polypropylene liner

Two models: Bench and Floor

Keep the lab safe with Thomas glass disposal boxes. Constructed from rugged corrugated cardboard and supplied with a 2 mil thick puncture-resistant polyethylene liner, the unit safely contains broken glass and spilled liquids. When full, simply pull the safety cap into place and dispose of the entire unit. Striking graphics make the glass disposal box easy to find.

Box comes in two versions: Benchtop (8" x 8" x 10") and Floor (12" x 12" x 27") which hold 5.5 and 40 lbs respectively.

| Thomas No. | Description                                     | Pack |
|------------|-------------------------------------------------|------|
| 20A00T530  | safeForce Glass Disposal Box, Floor Model, 6-PK | 6    |
| 20A00T531  | safeForce Glass Disposal Box, Bench Model, 6-PK | 6    |

# Basic Lab Supplies



High Five

## Latex Powder-Free Exam Gloves

The silky smooth finish of this powder-free latex exam glove offers enhanced tactile sensitivity while still providing an excellent grip. Fully textured, this glove provides exceptional gripping power in every situation.

| Thomas No. | Mfr. No. | Description                           | Case |
|------------|----------|---------------------------------------|------|
| 1204K02    | L224     | Latex Powder-Free Exam Gloves size XL | 100  |



High Five

## Aloe Sense Powder-Free Nitrile Exam Gloves

These extra soft nitrile exam gloves offer exceptional tactile sensitivity and comfort.

Soothing aloe helps protect hands from drying and cracking. Textured fingertips provide for an excellent grip.

| Thomas No. | Mfr. No. | Description                                        | Pack | Case |
|------------|----------|----------------------------------------------------|------|------|
| 1204K03    | N960     | Aloe Sense Powder-Free Nitrile Exam Gloves size XS | 100  | 1000 |
| 1204K04    | N961     | Aloe Sense Powder-Free Nitrile Exam Gloves size S  | 100  | 1000 |
| 1204K05    | N962     | Aloe Sense Powder-Free Nitrile Exam Gloves size M  | 100  | 1000 |
| 1204K06    | N963     | Aloe Sense Powder-Free Nitrile Exam Gloves size L  | 100  | 1000 |
| 1204K07    | N964     | Aloe Sense Powder-Free Nitrile Exam Gloves size XL | 100  | 1000 |

Thermo Scientific Nalgene

## Versi-Dry® and Super Versi-Dry® Lab Soakers

Thousands of THIRSTY CELLS™ absorb spills and cushion breakable items

- Waterproof polyethylene backing
- Resistant to most chemicals
- Absorbs from 750 mL up to 1,050 mL of liquid per square meter

Available in standard (750 mL ) or super (1,050 mL ) absorbencies. Soft, non-abrasive, skid-resistant material will not scratch delicate surfaces or equipment. Strong enough to be used as a floor soaker, the durable cloth-like top layer will not fall apart, even when wet. Available in rolls, dispenser packs or mats.

| Thomas No. | Mfr. No. | Description                          | Case |
|------------|----------|--------------------------------------|------|
| 7310W40    | 62060-00 | Versi-Dry Roll, 20" x 300'           | 2    |
| 7310W42    | 62065-00 | Versi-Dry Roll, 20" x 150'           | 2    |
| 7310W44    | 62050-00 | Versi-Dry Dispenser Roll, 20" x 300' | 1    |
| 7310W46    | 62070-00 | Versi-Dry Dispenser Roll, 20" x 100' | 4    |
| 7310W48    | 62080-00 | Versi-Dry Mat, 18" x 20"             | 350  |



Kimberly-Clark Professional

## Spring Green Nitrile Gloves

- 200 Spring Green Nitrile Exam Gloves / Box, 10 Boxes / Case, 2,000 Gloves / Case
- Ambidextrous, 9.5", Beaded Cuffs to prevent roll-down; Strong grip (wet or dry), with textured fingertips for dexterity in fine motor skills
- Superior quality, AQL 0.65 (exceeds the ASTM 2.5 standard for critical defects or pinholes)
- These green nitrile gloves are Food Handling Certified in the United States and recyclable through the RightCycle Program
- Space & waste reduction: 100% more gloves per case, 34% more storage space and 15% less waste (by weight), compared with leading competitive gloves

| Thomas No. | Mfr. No. | Description                                             | Pack | Case |
|------------|----------|---------------------------------------------------------|------|------|
| 1190Y71    | 43437    | Exam Gloves (43437), 4.7 Mil, Ambidextrous, 9.5", XS    | 200  | 2000 |
| 1190Y74    | 43440    | Exam Gloves (43440), 4.7 Mil, Ambidextrous, 9.5", Large | 200  | 2000 |



## Kimberly-Clark Professional Forest Green Nitrile Gloves

- 200 Forest Green Nitrile Exam Gloves / Box, 10 Boxes / Case, 2,000 Gloves / Case
- Ambidextrous, 9.5", Beaded Cuffs to prevent roll-down; Strong grip (wet or dry), with textured fingertips for dexterity in fine motor skills
- Superior quality, AQL 0.65 (exceeds the ASTM 2.5 standard for critical defects or pinholes)
- These green nitrile gloves are recyclable through the RightCycle Program
- These green nitrile gloves are recyclable through the RightCycle Program

| Thomas No. | Mfr. No. | Description                                             | Box | Case |
|------------|----------|---------------------------------------------------------|-----|------|
| 1190Y76    | 43443    | Exam Gloves (43443), 3.5 Mil, Ambidextrous, 9.5", XS    | 200 | 2000 |
| 1190Y77    | 43444    | Exam Gloves (43444), 3.5 Mil, Ambidextrous, 9.5", Small | 200 | 2000 |
| 1190Y80    | 43447    | Exam Gloves (43447), 3.5 Mil, Ambidextrous, 9.5", XL    | 200 | 2000 |
| 1190Y81    | 43448    | Exam Gloves (43448), 3.5 Mil, Ambidextrous, 9.5", 2XL   | 180 | 1800 |

## SP Bel-Art

### Scienceware® Autoclave Bags

Economical solution for safe disposal of biohazard wastes.

- Transparent polypropylene; 0.03mm (1.5 mil) thick
- Pass ASTM 1709 Dart Impact and ASTM 1922 Tear Resistance Tests
- High temperature autoclavable at a maximum of 135 °C (275 °F)
- Sterilization patch darkens when subjected to steam sterilization
- Printed with the standard biohazard warning symbol and precautionary procedures in four languages



| Thomas No. | Mfr. No.   | Description    | Pack |
|------------|------------|----------------|------|
| 1304Q40    | F131600009 | Bag, 12" x 24" | 100  |
| 1304Q50    | F131610009 | Bag, 24" x 30" | 100  |
| 1304Q60    | F131620009 | Bag, 24" x 36" | 100  |

## SP Bel-Art

### Scienceware® Biohazard Disposal Bags with Indicator

Bright red polypropylene bags include black biohazard symbol and precautionary procedures printed in four languages (English, Spanish, French, German) for added safety.

- Sterilization patch darkens when subjected to steam sterilization
- High temperature steam autoclavable to 135°C (275°F)
- Pass ASTM 1922 Tear Resistance and ASTM 1709 Dart Impact Tests
- Made in the USA



| Thomas No. | Mfr. No.    | Description                                   | Pack |
|------------|-------------|-----------------------------------------------|------|
| 1304Q63    | F13164-1419 | Bag, Wr, Biohazard Disposal, 14 X 19, PP, Red | 200  |
| 1304Q65    | F13164-1923 | Bag, Wr, Biohazard Disposal, 19 X 23, PP, Red | 200  |
| 1304Q67    | F13164-2535 | Bag, Wr, Biohazard Disposal, 25 X 35, PP, Red | 200  |

## SAS Safety

### Safety Goggles

- ANSI Z87.1-1989 certified
- Economical
- Adjustable for comfort

Perfect for any facility. These chemical splash goggles feature special vents to eliminate hazardous material exposure.



| Thomas No. | Mfr. No. | Description       | Each | Pack |
|------------|----------|-------------------|------|------|
| 5773C69    | 5109     | Goggles, Chemvent | 1    | 12   |

# Basic Lab Supplies



AlphaProTech

## Critical Cover® ComforTech® Sleeves

Fluid and particulate barrier

- Ultra low particle count
- Material is static dissipative

To maximize barrier protection, ComforTech protective sleeves use sonic welded seams down the entire length for strong, no-fail construction. This construction technique ensures the seam effectively matches the barrier properties of the material. The unique, ultra low particle count of the ComforTech fabric protects wearers from chemicals, particles and biologicals while keeping you cool and comfortable.

| Thomas No. | Mfr. No.   | Description                                                                  | Case |
|------------|------------|------------------------------------------------------------------------------|------|
| 1230Q79    | MS-01J06-4 | Sleeves, Tapered sleeve, elastic both ends, sonic welded seams, white, XL    | 300  |
| 1226S87    | MS-01J06-8 | Sleeves, Tapered sleeve, elastic both ends, sonic welded seams, white, Univ. | 300  |



AlphaProTech

## Critical Cover® AlphaAir® Facemasks

The high value AlphaAir® facemasks are clean, comfortable and provide outstanding particle filtration down to 0.1 micron. The full-length aluminum nosepiece helps provide a perfect fit every time. The sonic welded design ensures maximum protection for the user. The AlphaAir is available with either ear loops or tie strings.

| Thomas No. | Mfr. No. | Description                                                                | Case |
|------------|----------|----------------------------------------------------------------------------|------|
| 1216B40    | BL 5005  | ear loops sonically welded to the sides, blue, (10 boxes of 50)            | 500  |
| 1215J51    | YL 5005  | ear loops sonically welded to the sides, yellow, (10 boxes of 50) 500/case | 500  |



National Marker (NMC)

## Right To Know Labels

Comply with OSHA 29 CFR 1910.1200 with these pressure sensitive vinyl labels. Add the Personal Protection Numbers and Symbols (1215H16) for graphic communication of hazards.

| Thomas No. | Mfr. No. | Description                                                     | Each | Pack |
|------------|----------|-----------------------------------------------------------------|------|------|
| 1215H05    | HM25     | Right To Know Labels, Write On Color Bar, 6x4, PS Vinyl, 10/Pk  | -    | 10   |
| 1215H06    | HM27     | Right To Know Labels, Write On Color Bar, 4x4, PS Paper, 250/RI | 1    | -    |
| 1215H07    | HM29     | Right To Know Labels, Write On Color Bar, 2x2, PS Paper, 250/RI | 1    | -    |
| 1215H08    | HM36     | Right To Know Labels, Write On Color Bar, 6x4, PS Vinyl, 10/Pk  | -    | 10   |
| 1215H09    | HM42     | Right To Know Labels, Write On Color Bar, 6x6, PS Vinyl, 10/Pk  | -    | 10   |
| 1215H10    | HM27ALV  | Right To Know Labels, Write On Color Bar, 4x4, PS Vinyl, 250/RI | 1    | -    |
| 1215H11    | HM29ALV  | Right To Know Labels, Write On Color Bar, 2x2, PS Vinyl, 250/RI | 1    | -    |



Miltex®, an Integra company

## Disposable Scalpels

- Stainless steel, razor-sharp cutting edge for superior cutting and clean incisions
- Safety sleeve for blade protects you and the blade
- Individually packaged in sealed peel-apart pouches
- Each dispenser box contains 10 scalpels

| Thomas No. | Mfr. No. | Description                         | Pack |
|------------|----------|-------------------------------------|------|
| 3883S10    | 4-410    | Disposable Scalpel, Sterile, No. 10 | 10   |
| 3883S15    | 4-411    | Disposable Scalpel, Sterile, No. 11 | 10   |
| 3883S55    | 4-421    | Disposable Scalpel, Sterile, No. 21 | 10   |
| 3883S60    | 4-422    | Disposable Scalpel, Sterile, No. 22 | 10   |



## Miltex®, an Integra company Swiss Jeweler Style Forceps

- Micro-surgical instruments
- Swiss jeweler style forceps
  - Non-magnetic stainless steel

| Thomas No. | Mfr. No. | Description                                                 | Each |
|------------|----------|-------------------------------------------------------------|------|
| 3865J40    | 17-304   | Swiss Jeweler Style Forceps, Style 4, Fine, 4-3/8" (11.2cm) | 1    |



## Miltex®, an Integra company Iris Scissors

| Thomas No. | Mfr. No. | Description                                     | Each |
|------------|----------|-------------------------------------------------|------|
| 0641B78    | 5-300    | Iris Scissors, Straight, 4" (10.2 cm)           | 1    |
| 0641B77    | 5-302    | Iris Scissors, Curved, 4" (10.2 cm)             | 1    |
| 3867Y15    | 5-304    | Iris Scissors, Straight, 4-1/2" (11.4 cm)       | 1    |
| 0641B76    | 5-308    | Iris Scissors, Angled on Side, 4-1/2" (11.4 cm) | 1    |



## Miltex®, an Integra company Forceps

### Surgical grade and Service grade

Miltex brand forceps are hand crafted to the most exacting standards. We offer two grades which vary by manufacturing quality control. Miltex surgical grade instruments are made from the highest quality steel forgings and subjected to the most rigorous quality control inspections. General service grade are manufactured from high grade stainless steel and finished to a less critical standard. Both grades carry a lifetime guarantee.

| Thomas No. | Mfr. No. | Description                                       | Each |
|------------|----------|---------------------------------------------------|------|
| 3865K64    | 18-782   | Eye Dressing Forceps, Surgical, Half Curve        | 1    |
| 3865N25    | 6-100    | Dressing Forceps, Surgical Grade, Curved Points   | 1    |
| 3866E50    | V96-300  | Splinter Forceps, General Service Grade, 89mm     | 1    |
| 3866E55    | V96-304  | Splinter Forceps, General Service Grade, 114mm    | 1    |
| 3865K74    | V918-782 | Eye Dressing Forceps, General Service, Half Curve | 1    |



## Puritan Medical Products Plain Stick Wooden Applicators

- Straight grain white birch measures
- 6 x 1/16", has rough edges to hold cotton twist

| Thomas No. | Mfr. No. | Description                       | Carton | Case |
|------------|----------|-----------------------------------|--------|------|
| 1132C15    | 807      | 5" wood applicator stick, 20/1000 | 1      | 1000 |

## Puritan Medical Products 6" cotton tipped applicator, wood handle, non-sterile

- Straight grain white birch measures
- 6 x 1/16", has rough edges to hold cotton twist

| Thomas No. | Mfr. No.       | Description                                                      | Carton | Case  |
|------------|----------------|------------------------------------------------------------------|--------|-------|
| 1224Y33    | 867-WC NO GLUE | 6" Glue-Free Standard Cotton Tipped Applicator with Wood Handle, | 1000   | 10000 |

# Basic Lab Supplies



## Puritan Medical Products

### Sterile Cotton-Tipped Wooden Applicators

- Cotton tip cemented to wood shaft 6" long x 1/10" diameter
- Rigid or semi-flexible shafts

| Thomas No. | Mfr. No.   | Description                      | Box | Case |
|------------|------------|----------------------------------|-----|------|
| 1132H05    | 25-806 2WC | 2pk APPLICATOR STERILE BX100     | 100 | 1000 |
| 1224Q78    | 25-806 1WC | 6" cotton swab, sterile 10/100/1 | -   | 1000 |

## Puritan Medical Products

### Cotton Tipped Applicator with Wood Shaft, 6"



This absorbent cotton tipped applicator is produced with High Quality USP grade cotton which is carded and coiled onsite to maintain consistency. It is bonded securely to a rigid white birch shaft by an aqueous based adhesive.

| Thomas No. | Mfr. No. | Description                                                          | Box | Case |
|------------|----------|----------------------------------------------------------------------|-----|------|
| 1132D10    | 806-WC   | Cotton Tipped Applicator with 6" Wood Shaft, Single-Tip, Non Sterile | 10  | 1000 |

## labForce® (powered by Thomas Scientific)

### Thomas Transfer Pipets

Comply with OSHA 29 CFR 1910.1200 with these pressure sensitive vinyl labels. Add the Personal Protection Numbers and Symbols (1215H16) for graphic communication of hazards.



| Thomas No. | Description                                                                     | Case |
|------------|---------------------------------------------------------------------------------|------|
| 1227W87    | Transfer Pipette, 1.5mL, Extended Fine Tip, Small Bulb, 400/Dispenser Box       | 3200 |
| 1227W88    | Transfer Pipette, 5.8mL, Fine Tip, Standard, 500/Dispenser Box                  | 5000 |
| 1227W89    | Transfer Pipette, 8.7mL, Fine Tip, Large Bulb, 400/Dispenser Box                | 4000 |
| 1227W91    | Transfer Pipette, 4.5mL, Narrow Stem, 500/Dispenser Box                         | 5000 |
| 1227W92    | Transfer Pipette, 1.5mL, Mini, 0.1mL Graduations to 0.3mL, 500/Dispenser Box    | 5000 |
| 1227W94    | Transfer Pipette, 3mL, Small Bulb, 0.25mL Graduations to 1mL, 500/Dispenser Box | 5000 |
| 1227W95    | Transfer Pipette, 5mL, 0.5mL Graduations up to 2mL, 500/Dispenser Box           | 5000 |
| 1227W93    | Transfer Pipette, 5mL, Large Bulb, 0.25mL Graduations to 1mL, 500/Dispenser Box | 5000 |
| 1227W90    | Transfer Pipette, 7mL, Large Bulb, 0.5mL Graduations to 3mL, 500/Dispenser Box  | 5000 |
| 1227W97    | Transfer Pipette, 7mL, General Purpose, 500/Dispenser Box                       | 5000 |
| 1227W96    | Transfer Pipette, 8mL, General Purpose, Large Bulb, 400/Dispenser Box           | 4000 |
| 1227W98    | Transfer Pipette, 6mL, Extra Long (9"), 500/Dispenser Box                       | 5000 |
| 1227W99    | Transfer Pipette, 23mL, Extra Long (12"), 100/Dispenser Box                     | 1000 |

## Dynalox

### Watch Glass

Product Dimensions (l x w x h): 0x2.354x0.366in

Watch Glass. Polypropylene. 60 mm diameter. Provided with a stable base and made of chemically resistant polypropylene. Will withstand temperatures up to 120°C. May also be used as beaker covers.



| Thomas No. | Mfr. No. | Description        | Pack | Case |
|------------|----------|--------------------|------|------|
| 1210C90    | 255235   | Watch Glass 60 MM  | 10   | 50   |
| 1210C92    | 255255   | Watch Glass 100 MM | 10   | 50   |
| 1210C93    | 255265   | Watch Glass 125 MM | 10   | -    |

## SP Bel-Art

### Color Octagon Spinbar® Magnetic Stir Bars



Octagon magnetic stirring bars with integral pivot ring are the most commonly used shape. Choose from red, yellow or blue.

- Alnico magnet encapsulated in FDA Grade, USP Class VI Teflon® PTFE low friction coating; durable and inert
- Interrupted profile provides greater surface area and added turbulence when compared to the smooth surface of cylindrical bars
- Pivot ring aids in reducing friction and chattering
- Autoclavable
- Manufactured in a registered ISO 9001:2008 facility, as verified by SGS certification

| Thomas No. | Mfr. No.    | Description                                                                          | Each |
|------------|-------------|--------------------------------------------------------------------------------------|------|
| 1207P87    | F37109-0034 | Octagon Spinbar Magnetic Stir Bar, 1/2 x 1/8" (12.7 x 3.2mm), Red *No Pivot Ring*    | 1    |
| 1207P88    | F37109-0035 | Octagon Spinbar Magnetic Stir Bar, 1/2 x 1/8" (12.7 x 3.2mm), Yellow *No Pivot Ring* | 1    |
| 1207P89    | F37109-0036 | Octagon Spinbar Magnetic Stir Bar, 1/2 x 1/8" (12.7 x 3.2mm), Blue *NO Pivot Ring*   | 1    |
| 1207P71    | F37109-0001 | Octagon Spinbar Magnetic Stir Bar, 1/2 x 5/16" (12.7 x 8mm), Red                     | 1    |
| 1186R15    | F37109-0003 | Octagon Spinbar Magnetic Stir Bar, 1/2 x 5/16" (12.7 x 8mm), Blue                    | 1    |
| 1207P73    | F37109-0004 | Octagon Spinbar Magnetic Stir Bar, 5/8 x 5/16" (15.9 x 8mm), Red                     | 1    |
| 1207P75    | F37109-0006 | Octagon Spinbar Magnetic Stir Bar, 5/8 x 5/16" (15.9 x 8mm), Blue                    | 1    |
| 1207P78    | F37109-0009 | Octagon Spinbar Magnetic Stir Bar, 7/8 x 5/16" (22.2 x 8mm), Blue                    | 1    |
| 1207P79    | F37109-0010 | DescriptionOctagon Spinbar Magnetic Stir Bar, 1 x 5/16" (25.4 x 8mm), Red            | 1    |
| 1207P80    | F37109-0011 | Octagon Spinbar Magnetic Stir Bar, 1 x 5/16" (25.4 x 8mm), Yellow                    | 1    |
| 1207P81    | F37109-0012 | Octagon Spinbar Magnetic Stir Bar, 1 x 5/16" (25.4 x 8mm), Blue                      | 1    |
| 1207P82    | F37109-0019 | Octagon Spinbar Magnetic Stir Bar, 1-1/2 x 5/16" (38.1 x 8mm), Red                   | 1    |
| 1207P83    | F37109-0020 | Octagon Spinbar Magnetic Stir Bar, 1-1/2 x 5/16" (38.1 x 8mm), Yellow                | 1    |
| 1163Y39    | F37109-0021 | Octagon Spinbar Magnetic Stir Bar, 1-1/2 x 5/16" (38.1 x 8mm), Blue                  | 1    |
| 1207P84    | F37109-0028 | Octagon Spinbar Magnetic Stir Bar, 2 x 5/16" (50.8 x 8mm), Red                       | 1    |
| 1207P85    | F37109-0029 | Octagon Spinbar Magnetic Stir Bar, 2 x 5/16" (50.8 x 8mm), Yellow                    | 1    |
| 1207P86    | F37109-0030 | Octagon Spinbar Magnetic Stir Bar, 2 x 5/16" (50.8 x 8mm), Blue                      | 1    |
| 1207P90    | F37109-0031 | Octagon Spinbar Magnetic Stir Bar, 3 x 1/2" (76.2 x 12.7mm), Red                     | 1    |
| 0210N99    | F37109-0032 | Octagon Spinbar Magnetic Stir Bar, 3 x 1/2" (76.2 x 12.7mm), Yellow                  | 1    |
| 1207P91    | F37109-0033 | Octagon Spinbar Magnetic Stir Bar, 3 x 1/2" (76.2 x 12.7mm), Blue                    | 1    |

## labForce® (powered by Thomas Scientific)

### Thomas Weighing Papers



- Economical
- Smooth, strong and non-absorbent with glossy surface

Especially suitable for weighing powders. Packs of 500 sheets.

| Thomas No. | Description            | Box |
|------------|------------------------|-----|
| 9885G40    | Weigh Paper 3 X 3 Inch | 500 |
| 9885G50    | Weigh Paper 4 X 4 Inch | 500 |
| 9885G60    | Weigh Paper 6 X 6 Inch | 500 |

## labForce® (powered by Thomas Scientific)

### Aluminum Weighing Boats



Sturdy yet lightweight boats feature a smooth, flat bottom for sample handling and a flanged, crimped wall for rigidity. Finger tab handle can be etched for identification prior to weighing.

- All weigh boats are FDA/food-grade compliant | Disposable | 3 sizes | Packs of 100

| Thomas No. | Description                                       | Pack | Case |
|------------|---------------------------------------------------|------|------|
| 1163Z63    | Aluminum Weighing Boat, Small, 43mm dia x 12mm H  | 100  | 1000 |
| 1163Z64    | Aluminum Weighing Boat, Medium, 57mm dia x 14mm H | 100  | 1000 |
| 1163Z65    | Aluminum Weighing Boat, Large, 70mm dia x 16mm H  | 100  | 1000 |



Thomas®

## Thomas Pressure Sensitive Vinyl Labeling Tapes

- Vinyl-covered paper tapes, backed with self-sticking, bacteriostatic adhesive
- Can be marked with pencil, pen or ball-point; helpful for coding of samples, etc.
- Tape adheres to glass, metals, polyethylene, Teflon®, wax, rubber, paper and cloth
- Can withstand temperatures from -55° to 120°C
- Resistant to soiling and to acids, alkalies, oils and steam

| Thomas No. | Description    | Each | Pack |
|------------|----------------|------|------|
| 6258B51    | Aqua 1/2" Roll | 1    | 6    |
| 6258B66    | Aqua 1"        | -    | 6    |
| 6258B59    | Aqua 3/4"      | -    | 6    |
| 6258C22    | Black 1/2"     | -    | 6    |
| 6258C36    | Black 1"       | -    | 6    |
| 6258C29    | Black 3/4"     | -    | 6    |
| 6258K52    | Blue 1/2"      | -    | 6    |
| 6258K59    | Blue 3/4"      | -    | 6    |
| 6258K07    | Green 1/2"     | -    | 6    |
| 6258K14    | Green 3/4"     | -    | 6    |
| 6258J33    | Orange 1"      | -    | 6    |
| 6258J17    | Orange 1/2"    | -    | 6    |
| 6258E78    | Pink 1/2"      | -    | 6    |
| 6258E92    | Pink 1"        | -    | 6    |
| 6258E85    | Pink 3/4"      | -    | 6    |
| 6258J62    | Red 1/2"       | -    | 6    |
| 6258J77    | Red 1"         | 1    | 6    |
| 6258J69    | Red 3/4"       | -    | 6    |
| 6258H12    | White 1/2"     | -    | 6    |
| 6258H44    | White 1-1/2"   | -    | 6    |
| 6258H27    | White 1"       | -    | 6    |
| 6258H53    | White 2"       | -    | 6    |
| 6258H18    | White 3/4"     | -    | 6    |
| 6258H88    | Yellow 1"      | -    | 6    |
| 6258H72    | Yellow 1/2"    | -    | 6    |



labForce® (powered by Thomas Scientific)

## Thomas Laboratory & Engineering Notebooks

- Tamper-evident, section-sewn binding
- Acid-free, archival-safe paper
- Imprinted with 1/4" scientific grid or scientific ruling
- Available in 120 or 216 page formats

| Thomas No. | Description                         | Each | Case |
|------------|-------------------------------------|------|------|
| 1236E02    | Laboratory Notebook, Ruled, 120 Pg. | 1    | 10   |
| 1236E04    | Laboratory Notebook, Ruled, 216 Pg. | 1    | 10   |
| 1236E06    | Laboratory Notebook, Grid, 120 Pg.  | 1    | 10   |
| 1236E08    | Laboratory Notebook, Grid, 216 Pg.  | 1    | 10   |
| 1236E10    | Engineering Notebook, Grid, 120 Pg. | 1    | 10   |
| 1236E12    | Engineering Notebook, Grid, 216 Pg. | 1    | 10   |



## labForce® (powered by Thomas Scientific) Thomas Pre-Cut Aluminum Foil Squares

Pre-cut aluminum foil for convenience

- For weighing, capping, glassware covers, lids, etc.

Pre-cut aluminum foil squares are interleaved with paper and furnished in a 5 lb. (2.3 kg) package. Package quantities are approximate.

| Thomas No. | Description                        | Box  |
|------------|------------------------------------|------|
| 1086J24    | Foil Squares, 4" X 4", 1 Mil Thick | 2200 |
| 1086J26    | Foil Squares, 6" X 6", 1 Mil Thick | 1100 |

## Heathrow Scientific Parafilm® Sealing Film



- Colorless, moisture-proof film molds to surface
- Stretch film tight to seal beakers, flasks, tubes, and Petri dishes. Order a dispenser separately.

| Thomas No. | Mfr. No.  | Description                      | Each |
|------------|-----------|----------------------------------|------|
| 1222J99    | HS234526B | Parafilm® 4"x125ft (100mm x 38m) | 1    |
| 1222K00    | HS234526A | Parafilm® 2"x250ft (50mm x 75m)  | 1    |
| 1222K01    | HS234526C | Parafilm® 4"x250ft (100mm x 75m) | 1    |

## labForce® (powered by Thomas Scientific) Thomas Reagent Reservoirs



Choose from four styles - 25 mL Divided, 25 mL, 50 mL and 100 mL

- "V" bottom design allows for maximum recovery of reagents
- Graduated with convenient pouring spouts at all four corners
- Extra wide base for increased stability
- Unique "Nesting" feature makes separation of bulk packed reservoirs easy

| Thomas No. | Description                                              | Case |
|------------|----------------------------------------------------------|------|
| 1228K20    | Reagent Reservoir, 25 ml, Non-Sterile, Bulk Packed       | 100  |
| 1228K21    | Reagent Reservoir, 50 ml, Sterile, Individually Wrapped  | 100  |
| 1228K22    | Reagent Reservoir, 50 ml, Sterile, Bulk Packed           | 200  |
| 1228K23    | Reagent Reservoir, 50 ml, Non-Sterile, Bulk Packed       | 100  |
| 1228K24    | Reagent Reservoir, 100 ml, Sterile, Individually Wrapped | 100  |
| 1228K25    | Reagent Reservoir, 100 ml, Sterile, Bulk Packed          | 200  |
| 1228K26    | Reagent Reservoir, 100 ml, Non-Sterile, Bulk Packed      | 100  |

## labForce® (powered by Thomas Scientific) Anti-Static Pour-Boat Weighing Dishes



labForce flexible polystyrene boats feature smooth surfaces to provide accurate pour-outs with minimal sample loss.

Pour-spout design easily dispenses samples without flexing the dish.

Flat-bottom dishes are made from 12-mil thick polystyrene for better strength, stability, and handling.

- Biologically inert and resistant to dilute and weak acids, aqueous solutions, alcohols, and bases
- Temperature range -10 to 70°C (14 to 158°F)
- Can be used with microwave moisture analyzers
- All are FDA/food-grade compliant

| Thomas No. | Description                                                           | Pack | Case |
|------------|-----------------------------------------------------------------------|------|------|
| 1163Z50    | Pour-Boat Weighing Dish, Anti-Static, White, Small (43 x 58 x 13mm)   | 1    | 500  |
| 1163Z51    | Pour-Boat Weighing Dish, Anti-Static, White, Medium (83 x 132 x 26mm) | 1    | 500  |
| 1163Z52    | Pour-Boat Weighing Dish, Anti-Static, White, Large (108 x 183 x 26mm) | 1    | 500  |

BrandTech®

## Single channel Transferpette® S pipettes

Precision workmanship, high grade materials, "Made in Germany" quality – it's what you see on first glance and appreciate every time you use the new Transferpette® S.

The finer points of the design will be evident when the instrument is in your hand.



| Thomas No. | Mfr. No. | Description                                                                         |
|------------|----------|-------------------------------------------------------------------------------------|
| 20A00F974  | 705868   | Transferpette® S single channel pipette, 0,1-1 µl, adjustable volume, D-1,          |
| 20A00F982  | 705870   | Transferpette® S single channel pipette, 0,5-10 µl, adjustable volume, D-10,        |
| 20A00F981  | 705872   | Transferpette® S single channel pipette, 2-20 µl, adjustable volume, D-20,          |
| 20A00F979  | 705874   | Transferpette® S single channel pipette, 10-100 µl, adjustable volume, D-100,       |
| 20A00F978  | 705878   | Transferpette® S single channel pipette, 20-200 µl, adjustable volume, D-200,       |
| 20A00F977  | 705880   | Transferpette® S single channel pipette, 100-1000 µl, adjustable volume, D-1000,    |
| 20A00F976  | 705882   | Transferpette® S single channel pipette, 500-5000 µl, adjustable volume, D-5000,    |
| 20A00F975  | 705884   | Transferpette® S single channel pipette, 1000-10000 µl, adjustable volume, D-10000, |

BrandTech®

## Macro™ Pipet Controller with Membrane Filters

For safer, better control of pipets up to 200 mL

- For use with glass or plastic serological or volumetric pipets
- Accommodates pipets from 0.1 to 200 mL
- Integrated hydrophobic filter helps prevent over aspiration
- Fits the hand for comfort and easy control
- Constructed of chemically-resistant materials including polypropylene, PTFE and silicone



| Thomas No. | Mfr. No. | Description                                                           |
|------------|----------|-----------------------------------------------------------------------|
| 1203F47    | 26200    | BRAND macro pipette controller, neutral. Fits pipettes from 0.1-200mL |
| 1203F48    | 26203    | BRAND macro pipette controller, magenta. Fits pipettes from 0.1-200mL |
| 1200J46    | 26201    | BRAND macro pipette controller, green. Fits pipettes from 0.1-200mL   |
| 1200J47    | 26202    | BRAND macro pipette controller, blue. Fits pipettes from 0.1-200mL    |

DWK Life Sciences (Wheaton)

## Socorex Acura® Manual 825 Micro and 835 Macro Single-Channel Variable Volume Pipettes

- Swift-set user calibration system
- Lightweight
- Optional adapter-nozzles allow for added protection against liquid fill and contamination
- Color-coding at will with the Smarties button caps



| Thomas No. | Mfr. No. | Description                                               |
|------------|----------|-----------------------------------------------------------|
| 1229G82    | W810300  | Acura manual 825 Micropipette, Single Channel, 0.1-2ul    |
| 1229G83    | W810302  | Acura manual 825 Micropipette, Single Channel, 0.5-10ul   |
| 1229G84    | W810304  | Acura manual 825 Micropipette, Single Channel, 1-10ul     |
| 1229G85    | W810306  | Acura manual 825 Micropipette, Single Channel, 2-20ul     |
| 1229G86    | W810308  | Acura manual 825 Micropipette, Single Channel, 5-50ul     |
| 1229G87    | W8103010 | Acura manual 825 Micropipette, Single Channel, 10-100ul   |
| 1229G88    | W810312  | Acura manual 825 Micropipette, Single Channel, 20-200ul   |
| 1229G89    | W810314  | Acura manual 825 Micropipette, Single Channel, 100-1000ul |
| 1218F78    | W810315  | 0.2-2mL ACURA manual Pipette                              |
| 1229G890   | W810316  | Acura manual 835 Macropipette, Single Channel, 0.5-5ml    |
| 1229G91    | W810318  | Acura manual 835 Macropipette, Single Channel, 1-10ml     |



## Scilogex

### MicroPette™ Multi-Channel Pipettors

- Lightweight, ergonomic, low force design
- Reduces physical stress and discomfort, helps avoid repetitive strain injury
- Complies with ISO9001, 13485 and GLP guidelines
- One-handed operation for right and left handed individuals
- Easy-to-calibrate and -maintain
- Corrosion-resistant piston, tip cone and ejector collar
- 1-year manufacturer's warranty

Pipettors are factory-tested and certified at 22°C, according to ISO8655/DIN12650. They include factory test individual certificates confirming testing and calibration with results.

| Thomas No. | Mfr. No. | Description                            |
|------------|----------|----------------------------------------|
| 1227F58    | 71211204 | Pipettor 8-Chnl 0.5-10ul Micropipette  |
| 1227F59    | 71211206 | Pipettor 8-Chnl 5-50ul Micropipette    |
| 1227F60    | 71211212 | Pipettor 8-Chnl 50-300ul Micropipette  |
| 1227F62    | 71211306 | Pipettor 12-Chnl 5-50ul Micropipette   |
| 1227F63    | 71211312 | Pipettor 12-Chnl 50-300ul Micropipette |



## Gilson

### PIPETMAN Classic™ Pipettors

The Incarnation of Gilson's Reliability, the World Pipetting Standard!

- The Pipetting Standard - Gilson's PIPETMAN Classic™ is designed and manufactured to provide you with a range of robust, accurate and precise pipettes. The PIPETMAN Classic is a fully adjustable, air-displacement pipette with the selected volume shown on a digital indicator (volumeter).

| Thomas No. | Mfr. No. | Description                         |
|------------|----------|-------------------------------------|
| 1222N65    | F144801  | PIPETMAN Classic P2, 0.2-2μL        |
| 1222N66    | F144802  | PIPETMAN Classic P10, 1-10μL        |
| 1222N67    | F123600  | PIPETMAN Classic P20, 2-20μL        |
| 1222N68    | F123615  | PIPETMAN Classic P100, 20-100μL     |
| 1222N69    | F123601  | PIPETMAN Classic P200, 50-200μL     |
| 1222N70    | F123602  | PIPETMAN Classic P1000, 200-1000μL  |
| 1222N71    | F123603  | PIPETMAN Classic P5000, 1000-5000μL |
| 1222N72    | F161201  | PIPETMAN Classic P10mL, 1-10mL      |



## DWK Life Sciences (Wheaton)

### ACURA manual XS TwiXS Pack

- Shorter and Narrower Pipette Shaft allows tip to be in closer range when pipetting into smaller diameter microtubes and vials
- Very Lightweight (88 grams) helps eliminate fatigue during long hours of pipetting
- Ultra-Soft Plunger greatly reduces thumb and hand fatigue for added comfort and safety
- Accuracy and Precision meets the same Socorex standard as the Acura® manual 825 micropipettes
- Swift-Set Calibration provides easy user calibration system keeping instrument tuned for accurate pipetting
- Autoclavable fully assembled provides an easy way to eliminate cross contamination

| Thomas No. | Mfr. No.    | Description                            |
|------------|-------------|----------------------------------------|
| 1220V24    | W810305-TXS | 2/20 uL ACURA manual XS TwiXS Pack     |
| 1220V25    | W810307-TXS | 10/100 uL ACURA manual XS TwiXS Pack   |
| 1218F81    | W810313-TXS | 20/200μL ACURA manual XS TwiXS Pack    |
| 1220V26    | W810309-TXS | 50/200 uL ACURA manual XS TwiXS Pack   |
| 1220V27    | W810311-TXS | 100/1000 uL ACURA manual XS TwiXS Pack |
| 1218F82    | W810315-TXS | 200/1000μL ACURA manual XS TwiXS Pack  |



Gilson

## PIPETMAN® L Multichannel Pipettors

Robust, Comfortable and Lightweight!

Like the single channel PIPETMAN L, the Multichannel version also offers an extremely lightweight pipette, that has been designed to fit naturally in your hand. Its new shape ensures a perfect fit while the new hook reduces tensions while holding it. An adjustable tip ejector button has also been implemented to adapt to both right- and left-handed users. Either push the tip ejector button with the tip of your thumb (figure one) or with the base of your thumb (figure 2), making it more comfortable and easier to access for any size hand.

| Thomas No. | Mfr. No. | Description                            |
|------------|----------|----------------------------------------|
| 1205X63    | FA10013  | PIPETMAN L Multi - P8x10L, 0.5-10 µL   |
| 1209G37    | FA10009  | PIPETMAN L Multi - P8x20L, 2-20 µL     |
| 1209G39    | FA10011  | PIPETMAN L Multi - P8x200L, 20-200 µL  |
| 1205X65    | FA10015  | PIPETMAN L Multi - P8x300L, 20-300 µL  |
| 1205X64    | FA10014  | PIPETMAN L Multi - P12x10L, 0.5-10 µL  |
| 1209G38    | FA10010  | PIPETMAN L Multi - P12x20L, 2-20 µL    |
| 1209G40    | FA10012  | PIPETMAN L Multi - P12x200L, 20-200 µL |
| 1205X66    | FA10016  | PIPETMAN L Multi - P12x300L, 20-300 µL |



DWK Life Sciences (Wheaton)

## Acura® manual 826 XS Pipettes

- Shorter and Narrower Pipette Shaft allows tip to be in closer range when pipetting into smaller diameter microtubes and vials
- Very Lightweight (88 grams) helps eliminate fatigue during long hours of pipetting
- Ultra-Soft Plunger greatly reduces thumb and hand fatigue for added comfort and safety
- Accuracy and Precision meets the same Socorex standard as the Acura® manual 825 micropipettes
- Swift-Set Calibration provides easy user calibration system keeping instrument tuned for accurate pipetting
- Autoclavable fully assembled provides an easy way to eliminate cross contamination

| Thomas No. | Mfr. No.   | Description                                   |
|------------|------------|-----------------------------------------------|
| 1220V16    | W810300-XS | Acura manual 826 XS Micropipette, 0.1-2 uL    |
| 1220V17    | W810302-XS | Acura manual 826 XS Micropipette, 0.5-10 uL   |
| 1220V18    | W810304-XS | Acura manual 826 XS Micropipette, 1-10 uL     |
| 1220V19    | W810306-XS | Acura manual 826 XS Micropipette, 2-20 uL     |
| 1220V20    | W810308-XS | Acura manual 826 XS Micropipette, 5-50 uL     |
| 1220V21    | W810310-XS | Acura manual 826 XS Micropipette, 10-100 uL   |
| 1220V22    | W810312-XS | Acura manual 826 XS Micropipette, 20-200 uL   |
| 1220V23    | W810314-XS | Acura manual 826 XS Micropipette, 100-1000 uL |



Hirschmann

## Pipetus®

Battery-operated pipet filler

- Color LCD
- 5 speeds
- Noiseless, vibration-free
- Safety valve in pipettor
- Microprocessor controlled charging technology

| Thomas No. | Mfr. No. | Description                   |
|------------|----------|-------------------------------|
| 7780A01    | 9907200  | PIPETUS® US/UK/EURO, 100-240V |

## Adam Equipment

### Nimbus Analytical and Precision Balances



The internal mechanism is fabricated using hardened materials, helping the Nimbus tolerate rigorous laboratory use.

- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Robust metal housing protects internal components in harsh environments
- USB and RS-232 interfaces provide easy communication with computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines

| Thomas No. | Mfr. No.   | Description                                                                      |
|------------|------------|----------------------------------------------------------------------------------|
| 1182P07    | NBL 164i   | Nimbus Analytical Balance, 160g x 0.1mg, 3.5" pan, Internal Calibration, 115V    |
| 1182P04    | NBL 12001p | Nimbus Precision Balance, 12000g x 0.1g, 15.7" x 11.8" pan, Pillar Display, 115V |
| 1191R26    | NBL 16001e | Nimbus Precision Balance, 16000g x 0.1g, 15.7 x 11.8" pan, 115V                  |
| 1182P05    | NBL 16001p | Nimbus Precision Balance, 16000g x 0.1g, 15.7" x 11.8" pan, Pillar Display, 115V |
| 1191R27    | NBL 22001e | Nimbus Precision Balance, 22000g x 0.1g, 15.7 x 11.8" pan, 115V                  |
| 1182P09    | NBL 22001p | Nimbus Precision Balance, 22000g x 0.1g, 15.7" x 11.8" pan, Pillar Display, 115V |
| 1191R28    | NBL 84e    | Nimbus Analytical Balance, 80g x 0.1mg, 3.5" pan, 220V                           |
| 1182P34    | NBL 84i    | Nimbus Analytical Balance, 80g x 0.1mg, 3.5" pan, Internal Calibration, 220V     |
| 1191R29    | NBL 124e   | Nimbus Analytical Balance, 120g x 0.1mg, 3.5" pan, 220V                          |
| 1182P20    | NBL 124i   | Nimbus Analytical Balance, 120g x 0.1mg, 3.5" pan, Internal Calibration, 220V    |
| 1191R30    | NBL 164e   | Nimbus Analytical Balance, 160g x 0.1mg, 3.5" pan, 220V                          |
| 1182P23    | NBL 164i   | Nimbus Analytical Balance, 160g x 0.1mg, 3.5" pan, Internal Calibration, 220V    |
| 1191R31    | NBL 214e   | Nimbus Analytical Balance, 210g x 0.1mg, 3.5" pan, 220V                          |
| 1182P24    | NBL 214i   | Nimbus Analytical Balance, 210g x 0.1mg, 3.5" pan, Internal Calibration, 220V    |
| 1182P19    | NBL 12001p | Nimbus Precision Balance, 12000g x 0.1g, 15.7 x 11.8" pan, Pillar Display, 220V  |

## Adam Equipment

### Highland® Portable Precision Balances



Highland balances have what it takes for basic lab work, field use and various industrial applications.

- 15 weighing units
- Zero Tracking
- Backlit LCD display
- Capacity tracker
- ShockProtect™ overload three-point protection
- Can be stacked for storage (120mm pan size only)
- Lock down mounting slot for Kensington™ type lock

| Thomas No. | Mfr. No. | Description                                               |
|------------|----------|-----------------------------------------------------------|
| 1224C63    | HCB 123  | Highland™ Portable Precision Balance, 120g x 0.001g, 110V |
| 1224C64    | HCB 153  | Highland™ Portable Precision Balance, 150g x 0.005g, 110V |
| 1224C65    | HCB 302  | Highland™ Portable Precision Balance, 300g x 0.01g, 110V  |
| 1224C66    | HCB 602H | Highland™ Portable Precision Balance, 600g x 0.01g, 110V  |
| 1224C67    | HCB 602  | Highland™ Portable Precision Balance, 600g x 0.02g, 110V  |
| 1224C68    | HCB 1002 | Highland™ Portable Precision Balance, 1000g x 0.01g, 110V |
| 1224C69    | HCB 1502 | Highland™ Portable Precision Balance, 1500g x 0.05g, 110V |
| 1224C70    | HCB 3001 | Highland™ Portable Precision Balance, 3000g x 0.1g, 110V  |

## Adam Equipment

### Core® Compact Portable Balances



The Core series from Adam Equipment is the best choice for simple operation and economy.

- 9 weighing units
- Full range tare
- Zero Tracking
- Simple 4 button operation
- Backlit LCD display
- Stainless steel pan
- ShockProtect™ overload three-point protection

| Thomas No. | Mfr. No. | Description                                                            |
|------------|----------|------------------------------------------------------------------------|
| 1224C71    | CQT 202  | Core™ Compact Portable Balance, 200g x 0.01g, 4.7" dia. Platform, 110V |
| 1224C72    | CQT 251  | Core™ Compact Portable Balance, 250g x 0.1g, 4.7" dia. Platform, 110V  |
| 1224C73    | CQT 601  | Core™ Compact Portable Balance, 600g x 0.1g, 4.7" dia. Platform, 110V  |
| 1224C74    | CQT 1501 | Core™ Compact Portable Balance, 1500g x 0.1g, 4.7" dia. Platform, 110V |
| 1224C75    | CQT 2601 | Core™ Compact Portable Balance, 2600g x 0.1g, 5.7" dia. Platform, 110V |
| 1224C76    | CQT 2000 | Core™ Compact Portable Balance, 2000g x 1g, 5.7" dia. Platform, 110V   |
| 1224C77    | CQT 5000 | Core™ Compact Portable Balance, 5000g x 1g, 5.7" dia. Platform, 110V   |

## Mettler Toledo

### MS-TS Precision Balances (0.01 – 0.1g)



The robust construction of the MS-TS precision balances makes them perfect for heavier tasks in the laboratory or out on the factory floor. The unique MonoBloc weighing cell delivers the accuracy you need and is fully protected against accidental overload.

Delivering consistently reliable results, even in harsh environments, these balances will also deliver a fast return on your investment.

The 7" extra-large color TFT touchscreen display is operable through cotton, silicon and rubber gloves. An intuitive user interface and 18mm high digits bring comfort to your daily tasks.

| Thomas No. | Mfr. No. | Description                                                       |
|------------|----------|-------------------------------------------------------------------|
| 1188D90    | 30133529 | MS1602TS Precision Toploading Balance, 1620g x 0.01g              |
| 1188D91    | 30133530 | MS3002TS Precision Toploading Balance, 3200g x 0.01g              |
| 1188D92    | 30133531 | MS4002TS Precision Toploading Balance, 4200g x 0.01g              |
| 1188D93    | 30133532 | MS4002TS DR Precision Toploading Balance, 820/4200g x 0.01/0.1g   |
| 1188D94    | 30133533 | MS6002TS Precision Toploading Balance, 6200g x 0.01g              |
| 1188D95    | 30133534 | MS6002TS DR Precision Toploading Balance, 1220/6200g x 0.01g/0.1g |
| 1188D96    | 30133535 | MS12002TS Precision Toploading Balance, 12200g x 0.01g            |
| 1188D97    | 30133536 | MS8001TS Precision Toploading Balance, 8200g x 0.1g               |

## Mettler Toledo

### MS-TS Analytical Balances



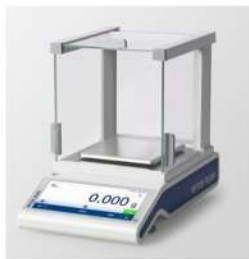
The built-in security features on MS-TS analytical balances ensure results are always valid. Operators receive a warning if any problems are encountered or tolerances are not adhered to. Corrective actions can be taken immediately, avoiding costly reworking later.

LevelControl, MinWeigh and automatic internal adjustment with proFACT support compliance with regulations. The ISOLog function maintains a record of all weighing relevant changes to the balance's settings. For additional security, settings can be passcode protected.

| Thomas No. | Mfr. No. | Description                              |
|------------|----------|------------------------------------------|
| 1188D83    | 30133522 | MS104TS Analytical Balance, 120g x 0.1mg |
| 1188D84    | 30133523 | MS204TS Analytical Balance, 220g x 0.1mg |
| 1188D85    | 30133524 | MS304TS Analytical Balance, 320g x 0.1mg |

## Mettler Toledo

### MS-TS Precision Balances (1mg)



The robust construction of the MS-TS precision balances makes them perfect for heavier tasks in the laboratory or out on the factory floor. The unique MonoBloc weighing cell delivers the accuracy you need and is fully protected against accidental overload.

Delivering consistently reliable results, even in harsh environments, these balances will also deliver a fast return on your investment.

The 7" extra-large color TFT touchscreen display is operable through cotton, silicon and rubber gloves. An intuitive user interface and 18mm high digits bring comfort to your daily tasks.

| Thomas No. | Mfr. No. | Description                                        |
|------------|----------|----------------------------------------------------|
| 1188D86    | 30133525 | MS303TS Precision Toploading Balance, 320g x 1mg   |
| 1188D87    | 30133526 | MS403TS Precision Toploading Balance, 420g x 1mg   |
| 1188D88    | 30133527 | MS603TS Precision Toploading Balance, 620g x 1mg   |
| 1188D89    | 30133528 | MS1003TS Precision Toploading Balance, 1020g x 1mg |

## Memmert

### IF Series Standard Incubators, Forced Air Circulation



- Temperature range up to +80°C
- 8 model sizes from 50 up to 750 liters
- 2 model variants: SingleDisplay and TwinDisplay
- UL certified
- Temperature ramps programmable via AtmoCONTROL software (models with TwinDISPLAY only)
- Forced air circulation with interior fan

| Thomas No. | Mfr. No.  | Description                                  |
|------------|-----------|----------------------------------------------|
| 1202Z29    | IF30-230V | Memmert 30 Liter Incubator, 230V, Forced Air |
| 1202Z31    | IF55-230V | Memmert 55 Liter Incubator, 230V, Forced Air |

## Boekel

### Economy Analog Incubators



- Manufactured in the US from 22 Ga steel
- Powder-coated exterior for scratch and stain resistance
- Easy-to-clean aluminum interior.
- Expanded temperature range of ambient +10 to 90°C.
- Blower fan improves the heating and stability of the desired temperature
- See-thru door

The Boekel CCC Analog Incubators use a hydraulic thermostat for control of temperature and a separate on/off switch. The 115 volt analog incubator meets UL and CSA requirements and the 230 volt unit is CE marked. Ideal for a wide range of applications including culturing, bacteriology, warming of samples, E. coli tests, diagnostic protocols for water, wastewater, food and beverage testing, clinical, cosmetics, pharmaceutical, and biotech testing these robust incubators are designed for use in universities and schools with biology and microbiology labs.

| Thomas No. | Mfr. No. | Description                                |
|------------|----------|--------------------------------------------|
| 0241D44    | 132000   | Economy Analog Incubator, 0.8 cu.ft., 115V |
| 1223Q69    | 132000-2 | Economy Analog Incubator, 0.8 cu.ft., 230V |

Boekel

## Orbital/Reciprocal Shaking Water Bath



- Switch from orbital to reciprocating mode by simply reversing the tray
- 3 Point factory programmed temperature calibration throughout temperature range
- PID Controller for easy temperature selection, rapid heat up and excellent stability + 0.1°C
- Programmable timer up to 99 hrs, 59 min – Bath stops heating when timed operation is completed
- Adjustable speed control from 20-200 RPM (in 1 RPM increments)
- Convenient drain port with quick disconnect allows for easy cleaning of the bath

| Thomas No. | Mfr. No. | Description                                  |
|------------|----------|----------------------------------------------|
| 1229U55    | 290400   | Water Bath Orbital / Reciprocal Shaking 115V |
| 1229U56    | 290400-2 | Water Bath Orbital / Reciprocal Shaking 230V |

IKA Works

## IKATHERM® C-MAG Hotplate



Hotplate made of ceramic glass which offers excellent chemical resistance.

- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Digital error code display
- Elevated control panel for protection against leaking liquids

| Thomas No. | Mfr. No. | Description                                                       |
|------------|----------|-------------------------------------------------------------------|
| 1203B50    | 3581601  | C-MAG HP 4 IKATHERM® hotplate, glass ceramics set-up plate, 115V  |
| 1203B51    | 3581801  | C-MAG HP 7 IKATHERM® hotplate, glass ceramics set-up plate, 115V  |
| 1203B52    | 3582001  | C-MAG HP 10 IKATHERM® hotplate, glass ceramics set-up plate, 115V |

Seward

## Stomacher® 400 Circulator Lab Blender



The world's leading laboratory paddle blender for food microbiologists

- Enhanced organism recovery over square paddles
- Durable & reliable, designed for consistent use
- The gold standard in laboratory blenders
- No cross contamination between samples
- Simple to clean and requires minimal maintenance
- 3 year manufacture warranty

| Thomas No. | Mfr. No.  | Description                                             |
|------------|-----------|---------------------------------------------------------|
| 3436A40    | 030010108 | Stomacher® 400 Circulator Lab Blender, 100-120V 50-60Hz |
| 3436A43    | 030010159 | Stomacher® 400 Circulator Lab Blender, 220-250V 50-60Hz |

Boekel

## Triple Mix Paddle Blender



- Three paddle design for homogenization and mixing
- Easy to use digital control system with an auto-run feature
- Large process viewing window
- Easy to clean design with drip tray and removable paddles
- Two-year Manufacturer's Warranty

| Thomas No. | Mfr. No. | Description                                 |
|------------|----------|---------------------------------------------|
| 1184F68    | A1905994 | Paddle Blender Bags, Filtered, 1538mL/550oz |

## Seward

### Stomacher® Bags



- Sterile (gamma-irradiated) polyethylene bags
- 65µm thick for high-impact strength (9.2MPa tensile, 27.1MPa ultimate) even at low temperatures
- Permeability (g/m<sup>2</sup>/24 hr.): 1.2 water vapor, 12,000 oxygen, 2000 carbon dioxide
- Closure bags feature wire closure strip across bag top and rounded corners
- Strainer bags have inner plastic mesh to protect from punctures
- Single-chamber bags for use in Lab Blenders
- Bag's internal sterility assured with patented tear-off sterile barrier top
- Highly transparent and puncture-resistant virgin polyethylene extruded tube material
- No side seams, one wide bottom seal
- Simply tear the perforated end along the top, open, and insert the material to be analyzed and processed

| Thomas No. | Mfr. No.  | Description                                     |
|------------|-----------|-------------------------------------------------|
| 3436B22    | 030020057 | Stomacher Bag 6040, Model 80, Standard          |
| 3436B24    | 030020103 | Stomacher Bag 6041, Model 400, Standard         |
| 3436B26    | 030020120 | Stomacher Bag 6141, Model 400C, Standard        |
| 3436B32    | 030020219 | Stomacher Bag 6041, Model 400, Closure          |
| 3436B34    | 030020235 | Stomacher Bag 6141, Model 400C, Closure         |
| 3436B36    | 030020251 | Stomacher Bag 6041, Model 400, Strainer         |
| 3436B38    | 030020278 | Stomacher Bag 6141, Model 400C, Strainer        |
| 3436B40    | 030020316 | Stomacher Bag 6042, Model 3500 Series, Standard |
| 3436B42    | 030020359 | Simplette Sample Transfer Pipettes              |
| 1200K85    | 030021490 | Stomacher Bag Clips (8 sachets of 25 each)      |

## Electrothermal (Cole-Parmer)

### Mel-Temp® Digital Melting Point Apparatus



- Membrane keypad with simple menus for intuitive use
- Push button controls are conveniently located to ensure that temperatures can be recorded without looking away from sample
- Digital microprocessor with 1°C resolution provides fast warm-up and accurate temperature control
- Samples in 3 capillary tubes may be viewed simultaneously

| Thomas No. | Mfr. No. | Description                                                                   |
|------------|----------|-------------------------------------------------------------------------------|
| 1217Q08    | 03010-15 | 1101D Mel-Temp® Digital Melting Point Apparatus, 100-240V, 50/60Hz, 15DC, 45W |

## Stuart (Cole-Parmer)

### Melting Point Apparatus



1el SMP10

- SMP10 Digital Melting Point Apparatus, 1°C resolution, complete with pack of 100 melting point tubes, closed at one end, 240V.
- SMP11 Analog Melting Point Apparatus, 240V.
- SMP20 Digital Melting Point Apparatus, 0.1°C resolution, complete with pack of 100 melting point tubes, closed at one end, 240V.
- SMP30 Advanced Digital Melting Point Apparatus, complete with pack of 100 melting point tubes, open at one end, 120/240V, 50/60Hz.
- SMP40 Automatic Melting Point Apparatus, complete with pack of 100 melting point tubes, closed at both ends, 120/240V, 50/60Hz.

| Thomas No. | Mfr. No. | Description                       |
|------------|----------|-----------------------------------|
| 1217P84    | 03011-40 | SMP10 Digital Melting Point, 120V |



Techne (Cole-Parmer)

## Visible Spectrophotometer - 6320D Series

6320D Visible Spectrophotometer supplied with power cord, pack of 100 disposable cuvettes, dual cell holder (for 10mm square cuvettes and 12.7mm diameter tubes), interface cable and PC application software on CD-ROM, 230V/50Hz.

| Thomas No. | Mfr. No. | Description                    |
|------------|----------|--------------------------------|
| 8405C89    | 83061-21 | Sipper pump, US version, 6320D |

Electrothermal (Cole-Parmer)

## Electromantle® EM Series Heating Mantles With Controller

Hotplate made of ceramic glass which offers excellent chemical resistance.



- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Digital error code display
- Elevated control panel for protection against leaking liquids

| Thomas No. | Mfr. No. | Description                            |
|------------|----------|----------------------------------------|
| 5907D05    | 36002-00 | Heating Mantle, 50mL, 110V, Grounded   |
| 5907D10    | 36002-04 | Heating Mantle, 100mL, 110V, Grounded  |
| 5907D15    | 36002-08 | Heating Mantle, 250mL, 110V, Grounded  |
| 5907D20    | 36002-12 | Heating Mantle, 500mL, 110V, Grounded  |
| 5907D25    | 36002-16 | Heating Mantle, 1000mL, 110V, Grounded |

Electrothermal (Cole-Parmer)

## CMU Controlled Electromantles™



- Round bottom flask capacity of between 50ml - 5000ml
- Element temperatures up to 450°C
- Built-in energy regulator
- Indicator lamps for power and heater operation
- Replaceable insulated heater cartridge
- An easy to clean powder coated aluminium outer casing
- "Cool-to-the-touch" exterior
- Non-skid feet and support clamps (but not including the support rods)
- Added safety features such as a grounded earth screen and double fuses
- Uncontrolled versions are also available (recommended controller, MC5)

| Thomas No. | Mfr. No. | Description                                             |
|------------|----------|---------------------------------------------------------|
| 1204L50    | 03012-31 | Stomacher® 400 Circulator Lab Blender, 100-120V 50-60Hz |
| 1210C04    | 03012-51 | Stomacher® 400 Circulator Lab Blender, 220-250V 50-60Hz |

Electrothermal (Cole-Parmer)

## Electric Bunsen Burner

Combines the efficiency of a gas burner with the safety and control of an electric heater

- Radiant heat is only directed upwards
- Can be placed on benchtop or hand held
- Constructed of corrosion resistant metal



| Thomas No. | Mfr. No. | Description                                 |
|------------|----------|---------------------------------------------|
| 1202V25    | 36135-04 | Electric Bunsen Burner, 110V, 50/60Hz, 430w |

## Jenway (Cole-Parmer)

### 73 Series Visible Spectrophotometers



- The 73 series introduces four new spectrophotometers to the extensive Jenway range. These spectrophotometers use icon driven software and have an improved navigation system for easy and intuitive usability. The range includes two basic models, 7300 and 7305 and two advanced models, 7310 and 7315. The 7300 and 7305 feature measurement modes for absorbance, % transmittance and concentration.
- All of the models in the 73 series range are covered by a three year warranty which includes the xenon lamp. These spectrophotometers are easy to use and ideal for use in education and general QC laboratories.

| Thomas No. | Mfr. No. | Description                                |
|------------|----------|--------------------------------------------|
| 1217P73    | 83058-16 | 7305 UV/Visible Spectrophotometer, 90-250V |
| 1217P75    | 83058-18 | 7315 UV/Visible Spectrophotometer, 90-250V |

## Electrothermal (Cole-Parmer)

### Mel-Temp® Digital Melting Point Apparatus



- This highly anticipated spectrophotometer incorporates Jenway's Microvolume accessory with the dedicated life science measurement modes of the Genova Plus- along with those of a standard spectrophotometer. This makes the Genova Nano Jenway's first 3 in 1 spectrophotometer.
- The Genova Nano microvolume spectrophotometer measures small sample volumes as low as 0.5µl with a high degree of accuracy, reproducibility and speed. It has the ability to measure small sample volumes, conserves precious samples, reduces the need for dilutions and eliminates the requirement for cuvettes. Cleaning is quick and simple; wiping the read heads with a microfibre cloth removes all trace of the sample, allowing faster change over between samples and therefore increasing sample throughput.

| Thomas No. | Mfr. No. | Description                            |
|------------|----------|----------------------------------------|
| 1207T94    | 83070-02 | Genova Nano 3-in-1 Spectrophotometer   |
| 1207T95    | 83070-00 | Genova Plus Life Sci Spectrophotometer |

## Techne (Cole-Parmer)

### <sup>3</sup>PrimeX Mid-Sized Cyclers



The <sup>3</sup>PrimeX delivers all the features of the <sup>3</sup>Prime instrument but with an expanded sample capacity, accommodating 48 x 0.2ml microtubes, 30 x 0.5ml tubes plus half a 96 well plate in a horizontal format. Design flexibility allows the unit to be upgraded to included gradient cycling capability.

- Gradient can be applied across a temperature range of 30°C to 80°C
- Maximum Gradient 14°C
- Gradient calculator function

| Thomas No. | Mfr. No. | Description                               |
|------------|----------|-------------------------------------------|
| 1209U14    | 93945-45 | <sup>3</sup> Prime X USB gradient upgrade |
| 1209U23    | 93945-57 | Prime USB gradient upgrade                |

## Benchmark Scientific

### BenchMixer™ Vortex Mixers



- Powerful motor for INSTANT vortexing
- Continuous or "touch" operation
- Q-Drive™ dynamic balancing system
- Variable speed from 200 to 3200 rpm
- Wide variety of accessories

| Thomas No. | Mfr. No. | Description               |
|------------|----------|---------------------------|
| 1227U58    | BV1000   | BenchMixer Vortexer, 115V |



## Benchmark Scientific Mortexer™ Vortexer

- Unique Multi-Head™ for general purpose vortexing PLUS holds up to eight microtubes (Patent Pending)
- Powerful motor for INSTANT vortexing
- Continuous or "touch" operation
- Q-Drive™ dynamic balancing system
- Variable speed from 200 to 3400 rpm
- Wide variety of accessories

| Thomas No. | Mfr. No. | Description                   |
|------------|----------|-------------------------------|
| 1213F84    | BV1005   | Mortexer™ Vortexer Mixer 115V |



## Stuart (Cole-Parmer) SA8 Vortex Mixer

- Variable speed control between 200 and 2500 rpm
- Intermittent or continuous mode
- Stable low profile body
- Robust die-cast construction

| Thomas No. | Mfr. No. | Description                                   |
|------------|----------|-----------------------------------------------|
| 1227Y78    | 04729-03 | Vortex mixer, variable speed, 90-250v, 5060Hz |



## Stuart (Cole-Parmer) Merit Water Still, W4000

- Economic price
- Glass construction with long life metal heating element
- Two independent safety thermostats
- Wall mountable

| Thomas No. | Mfr. No. | Description                   |
|------------|----------|-------------------------------|
| 1204L55    | 99295-08 | Stuart Merit Water Still 220v |
| 1204L56    | 99295-02 | Stuart Merit Water Still 120v |



## Jenway (Cole-Parmer) 3510 Bench pH Meters

- Simultaneous readout of pH and temperature
- pH resolution to 3 decimal places
- 1, 2 or 3 point calibration
- Automatic or manual buffer selection
- Storage of up to 32 results
- RS232 connection to printer or PC via DataWay

| Thomas No. | Mfr. No. | Description               |
|------------|----------|---------------------------|
| 1204L51    | 35459-04 | 3510 Bench pH Meter, 120V |



## Benchmark Scientific MyBlock™ Mini Dry Bath with Heated Lid

- Heated lid prevents evaporation & condensation
- Compact, fits in the palm of your hand
- Independent temperature control of lid & block
- Exchangeable blocks for 0.2 to 0.5ml tubes
- Room temperature to 37°C in just 2 minutes

| Thomas No. | Mfr. No.  | Description                                                |
|------------|-----------|------------------------------------------------------------|
| 1213F91    | BSH200-HL | MyBlock™ Mini Dry Bath with Heated Lid, 100-240V (US Plug) |

## Oakton

### pH 700 Benchtop Meter



- Compact footprint is over 40% smaller than other benchtop meters
- Large display permits easier readout viewing
- Datalogging allows you to store and recall up to 100 data sets

| Thomas No. | Mfr. No. | Description                                                                         |
|------------|----------|-------------------------------------------------------------------------------------|
| 1219Z23    | 35419-00 | pH 700 Benchtop Meter only                                                          |
| 1223L12    | 35419-10 | pH 700 Benchtop Meter with double-junction glass pH electrode, ATC probe, and stand |
| 1223L13    | 35419-12 | pH 700 Benchtop Meter and stand                                                     |
| 1219Z22    | 35419-03 | pH 700 Benchtop Meter with all-in-one pH electrode                                  |
| 1148W37    | 35419-05 | pH 700 Meter with all-in-one electrode & NIST traceable calibration report          |

## Thermo Scientific

### Digital Dry Baths/Block Heaters



Increase lab versatility with the Thermo Scientific™ digital dry baths, which offer a range of configurations with interchangeable modular blocks for a variety of application needs. Designed for basic to advanced applications with a max temperature of 130°C, a timer and available in 1, 2 and 4 block sizes.

Thermo Scientific digital dry baths are available in a range of configurations to hold 1, 2 and 4 interchangeable modular blocks to accommodate a variety of vessels and applications.

| Thomas No. | Mfr. No. | Description                                      |
|------------|----------|--------------------------------------------------|
| 1188Y70    | 88870001 | Digital Dry Bath/Block Heater, 1 Block, 100-120V |
| 1188Y71    | 88870002 | Digital Dry Bath/Block Heater, 2 Block, 100-120V |
| 1188Y72    | 88870003 | Digital Dry Bath/Block Heater, 4 Block, 100-120V |

## Benchmark Scientific

### BioClave™ Series Research Autoclaves

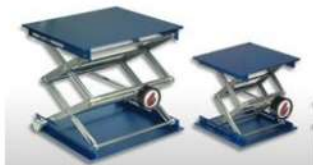


Despite the space-saving exterior dimensions of the BioClaves, the stainless steel chambers are surprisingly large, accommodating a variety of liquids, media, instruments, glassware, plasticware, and other common research laboratory items. Available in 8L, 18L, and 28L chamber volumes, these benchtop models include a mechanical and electrical safety interlock that prevents the door from being opened until the pressure has reached zero PSI.

| Thomas No. | Mfr. No. | Description                                |
|------------|----------|--------------------------------------------|
| 1227W09    | B4000-M  | BioClave Mini Research Autoclave, 8L, 115V |

## Boekel

### Lab Jacks®



- All stainless steel screw mechanism and anodized aluminum top and bottom plates.

| Thomas No. | Mfr. No.   | Description                             |
|------------|------------|-----------------------------------------|
| 0241C98    | 19086000   | Lab Jack, Micro, 3 x 3 inches           |
| 0241E44    | 19089000   | Lab Jack with Plate & Rod, 8 x 8 inches |
| 0241E43    | 19089001   | Lab Jack, Standard, 4.75 x 5.5 inches   |
| 1204K08    | 19090-002B | Lab Jack 4x4" Plate                     |
| 1204K09    | 19090-003B | Lab Jack 6x6" Plate                     |
| 1204K10    | 19090-004B | Lab Jack 8"x8" Plate                    |
| 1204K11    | 19090-005B | Lab Jack 12"x12" Plate                  |



Techne (Cole-Parmer)

## Digital Dri-Block® Heaters

- Small, light, compact footprint - flat top surface allows units to be stacked in storage.
- Can hold any combination of aluminium insert blocks, depending on the model chosen.
- Digital models enable highly accurate temperature precision.

| Thomas No. | Mfr. No. | Description                                                           |
|------------|----------|-----------------------------------------------------------------------|
| 1200Z71    | 36620-01 | Dri-Block Heater, Ambient + 5°C to 100°C, 2 Blocks, 115V              |
| 1200Z72    | 36620-03 | Dri-Block Heater, Ambient + 5°C to 100°C, 2 Blocks Twin Control, 115V |
| 1200Z74    | 36620-02 | Dri-Block Heater, Ambient + 5°C to 100°C, 2 Blocks Twin Control, 230V |



Techne (Cole-Parmer)

## Dri-Block Dry Heat Baths

For precise temperature control;  $\pm 0.1^\circ\text{C}$

- Provide a safe, dry, constant temperature source in the laboratory for the purpose of incubation, boiling, inactivation, wet ashing, enzyme analysis, and a variety of clinical and industrial applications.

| Thomas No. | Mfr. No. | Description                                                       |
|------------|----------|-------------------------------------------------------------------|
| 5891L04    | 36620-13 | Analogue Dri-Block Heater, Ambient + 5°C to 100°C, 2 Blocks, 115V |
| 5891L10    | 36620-15 | Analogue Dri-Block Heater, Ambient + 5°C to 200°C, 3 Blocks, 115V |



Thermo Scientific

## Digital Heating Cooling Drybath

- PID control ensures consistent shaking results and precise temperature control
- Temperature Range from 4°C to 95°C
- Low profile design
- Blocks easily interchanged

| Thomas No. | Mfr. No. | Description                                       |
|------------|----------|---------------------------------------------------|
| 1199A72    | 88880029 | Digital Cool/Heat Drybath 120V/US Plug            |
| 1199A73    | 88880030 | Digital Cool/Heat Drybath 230V/International Plug |



Boekel

## Mini Tube Rotator

- Variable Speed: 4-18 rpm
- LCD display
- Includes 260751 Carousel for thirty-six 1.5/2.0ml tubes
- Provides complete 360° Rotation
- An adjustable 0-90° Mixing Angle

| Thomas No. | Mfr. No. | Description                                             |
|------------|----------|---------------------------------------------------------|
| 1217H25    | 260750   | Mini Tube Rotator with Carousel for 36 1.5/2.0 ml Tubes |

Boekel

## Microprocessor Controlled Orbital Shaker

- Small foot print, reciprocating/orbital shaker
- Smooth horizontal orbital motion for mixing in bottles, flasks, and beakers
- Soft start and noise-free operation
- Platform not included. See interchangeable platforms listed below
- Power Pack is CSA, UL, CE approved



| Thomas No. | Mfr. No. | Description                 |
|------------|----------|-----------------------------|
| 1229U49    | 270200   | Orbital Shaker Base, 12V DC |

## Analytik Jena

### UVP HybriLinker™ Hybridization Ovens



- This unique, new design for the Life Science Laboratory allows crosslinking and hybridization at one location
- Hybridization oven and crosslinker operate independently of each other
- Temperature control (ambient to +10°C to 99.9°C)
- Variable speed control (10 to 15 RPM) enables consistent saturation of samples, whether it be for washing or hybridizing
- Large LCD display is easily readable

| Thomas No. | Mfr. No.   | Description                          |
|------------|------------|--------------------------------------|
| 7211A07    | 95-0031-01 | HybriLinker Hybridization Oven, 115V |
| 7211A10    | 95-0031-02 | HybriLinker Hybridization Oven, 230V |

## Boekel

### Boekel Slide Storage Cabinet



- Six cabinet drawers hold up to 5000 standard 1" x 3" microscope slides
- Cabinets can be interlocked up to 10 units high
- Plastic drawer divides can be removed to store objects up to 2" (5 cm) wide
- Drawers slide smoothly and easily
- Back of drawer serves as handle for transportation
- Durable cold roll steel construction with baked-on epoxy finish
- Supplied with sponge block spacers and ID labels

| Thomas No. | Mfr. No. | Description                |
|------------|----------|----------------------------|
| 1232W53    | 141000   | Slide Storage Cabinet      |
| 0241E39    | 141001   | Slide Storage Cabinet Base |

## Electrothermal (Cole-Parmer)

### STEM RS600 Reaction Stations



- Six position reaction block designed for 57.5mm diameter vessels (also 40mm and other diameter vessels with appropriate adapter sleeves), and sample sizes up to 250ml
- Controlled temperature range from ambient +5°C to 250°C
- Powerful stir speed from 400 to 2,000rpm, including a bi-directional stirring option
- Manual control or external control is via the RS232/RS485 interface port
- Optional PC-based external control software is available to schedule stir/heat profiles over varying time delays
- Reflux and inerting head accessory, plus a range of accessories including rotary evaporator adapters, phase separation heads, filtration adapters, glass condensers, temperature probes, and a selection of stir bars
- High temperature RS600H option with temperature range from ambient +5°C to 300°C

| Thomas No. | Mfr. No. | Description                               |
|------------|----------|-------------------------------------------|
| 1198C57    | 36630-13 | RS600 Reaction Station, 6 Positions, 230V |

## BrandTech®

### seripettor® Bottletop Dispensers



- No fragile glass parts
- Simple, clear volume adjustment
- One-handed operation
- Great for Biology Labs!

| Thomas No. | Mfr. No. | Description                               |
|------------|----------|-------------------------------------------|
| 1218R57    | 4720120  | seripettor, Bottletop Dispenser, 0.2-2mL  |
| 7755J01    | 4720140  | seripettor, Bottletop Dispenser, 1-10mL   |
| 7755J04    | 4720150  | seripettor, Bottletop Dispenser, 2.5-25mL |

## Conductivity Standards



| Thomas No. | Mfr. No.    | µmhos/cm | Pkg. Size |
|------------|-------------|----------|-----------|
| C000J10    | CON10000-25 | 100,000  | 125 mL    |
| C000J11    | CON10000-25 | 10,000   | 125 mL    |
| C000J12    | CON1000-25  | 1,000    | 125 mL    |
| C000J13    | CON100-25   | 100      | 125 mL    |
| C000J14    | CON10-25    | 10       | 125 mL    |
| C000J15    | CON1400-25  | 1400     | 125 mL    |
| C996W91    | CON1413-25  | 1413     | 125 mL    |

## pH Standards

| Thomas No. | Mfr. No.  | pH   | Pkg. Size |
|------------|-----------|------|-----------|
| C996W64    | PH-1.68   | 1.68 | 250 mL    |
| C996W65    | PH-1.68-5 | 1.68 | 500 mL    |
| C000L79    | PH-2      | 2    | 250 mL    |
| C996H86    | PH-2-5    | 2    | 500 mL    |
| C996H87    | PH-3      | 3    | 250 mL    |
| C996W69    | PH-3-5    | 3    | 500 mL    |
| C000L80    | PH-4      | 4    | 250 mL    |
| C996H91    | PH-4-5    | 4    | 500 mL    |
| C000L81    | PH-5      | 5    | 250 mL    |
| C996H95    | PH-5-5    | 5    | 500 mL    |
| C996H96    | PH-6      | 6    | 250 mL    |
| C996W73    | PH-6-5    | 6    | 500 mL    |
| C000L82    | PH-7      | 7    | 250 mL    |
| C996J00    | PH-7-5    | 7    | 500 mL    |
| C000L83    | PH-8      | 8    | 250 mL    |
| C996W77    | PH-8-5    | 8    | 500 mL    |
| C000L84    | PH-9      | 9    | 250 mL    |
| C996J04    | PH-9-5    | 9    | 500 mL    |
| C000L77    | PH-10     | 10   | 250 mL    |
| C996H81    | PH-10-5   | 10   | 500 mL    |
| C996H82    | PH-11     | 11   | 250 mL    |
| C996W81    | PH-11-5   | 11   | 500 mL    |
| C000L78    | PH-12     | 12   | 250 mL    |
| C996W85    | PH-12-5   | 12   | 500 mL    |

## Agarose LE, Molecular Biology Grade



| Thomas No. | Pkg. Size           |
|------------|---------------------|
| C996H57    | 500 g               |
| C996H58    | 100 g               |
| C996H59    | 25 g                |
| C993R50    | 200 Tablets, 0.5 g  |
| C993R51    | 1000 Tablets, 0.5 g |

Academic research facilities trust Avantor products for consistency, purity and cost-effective performance that also yields predictable, repeatable results. Our high-purity solvents and reagents have a proven track record of supporting pivotal research projects conducted by elite doctoral-level researchers in academic and nonprofit settings. Through both products and packaging, Avantor continues a proud reputation for contributions to cost savings, reliability and laboratory safety in academic research and training facilities.



## Acetone

*For Histological Use*

| Thomas No. | Mfr. No. | Grade                 | Brand  | Pkg. Type  | Pkg. Size      |
|------------|----------|-----------------------|--------|------------|----------------|
| C001C97    | 2440-16  | AR (ACS) <sup>®</sup> | Macron | Poly       | 4 L<br>4 x 4 L |
| C001C99    | 2440-22  | AR (ACS) <sup>®</sup> | Macron | Steel Pail | 20 L           |

## Acetone

*For Organic Residue Analysis*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C006V08    | 9254-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

## Acetone

*Suitable for LC, Extraction/Concentration, UV-Spectrophotometry*

| Thomas No. | Mfr. No. | Grade                | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|--------|-----------|----------------|
| C006U09    | H451-10  | UltimAR <sup>®</sup> | Macron | Glass     | 4 L<br>4 x 4 L |

## Justrite

## Sure-Grip<sup>®</sup> EX Corrosives/Acid Steel Safety Cabinets



Justrite blue steel safety cabinets for corrosives have the same quality safety features as the cabinets for flammables. All models come with double-wall construction, dual vents, grounding wire connections, adjustable shelves, leakproof sills, three-point self-latching doors and leveling feet. Manual-close door(s) opens to a full 180 degrees and self-latches when pushed closed. Self-close door(s) shuts and latches automatically when a fusible link melts at 165°F (74°C) under fire conditions. Unique, concealed self-closing mechanism offers obstruction-free access to contents.

Additionally, they include polyethylene trays attached to galvanized steel shelves and a separate polyethylene liner for the bottom sump resist aggressive chemicals. Easily remove the liner for quick cleaning of drips and leaks. An all epoxy baked-on powder-coat finish, inside and out, provides increased chemical resistance.

Manual close models meet OSHA and NFPA 30. Self Close models meet OSHA, NFPA 30, NFPA 1 and the International Fire Code. Cabinets are FM approved and come with a ten-year warranty.

| Thomas No. | Mfr. No. | Description                                                    |
|------------|----------|----------------------------------------------------------------|
| 8246B16    | 893002   | Safety Cabinet, Blue, 30 gal., 1 shelf, 2 manual-close doors   |
| 0501A45    | 894522   | Safety Cabinet, Blue, 45 gal., 2 shelves, 2 self-close doors   |
| 1229J96    | 896002   | Safety Cabinet, Blue, 60 gal., 2 shelves, 2 manual-close doors |

**Acetonitrile***For Use in Liquid Chromatography and Spectrophotometry*

| Thomas No. | Mfr. No. | Grade | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|-------|----------|-----------|----------------|
| C000A77    | 9012-03  | HPLC  | JT Baker | Glass     | 4 L<br>4 x 4 L |

**Chloroform***For Organic Residue Analysis*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C184F16    | 9257-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

**Chloroform***Suitable for LC, Extraction/Concentration, UV-Spectrophotometry*

| Thomas No. | Mfr. No. | Grade    | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------|--------|-----------|----------------|
| C001M53    | V551-10  | UltimAR® | Macron | Glass     | 4 L<br>4 x 4 L |

**Dichloromethane**

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type  | Pkg. Size |
|------------|----------|-----------|--------|------------|-----------|
| 0561Q71    | 4881-19  | AR (ACS)® | Macron | Steel Pail | 20 L      |

**Dichloromethane***Suitable for LC, Extraction/Concentration, UV-Spectrophotometry*

| Thomas No. | Mfr. No. | Grade    | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------|--------|-----------|----------------|
| C269L40    | H485-10  | UltimAR® | Macron | Glass     | 4 L<br>4 x 4 L |

**Ether***For Organic Residue Analysis*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| 0148Q23    | 9260-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |
| 0148Q25    | 9260-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

**BrandTech®****Seripettor Pro Dispenser**

- Replaceable Dispensing Cartridge: Quick-change cartridge makes service a breeze and keeps life-time service costs low
- Protects Light-sensitive Reagents: Pump assembly with Hastalloy stainless steel spring. An opaque upper sleeve helps protect liquid from UV-light during dispensing operations, while permitting observation of cylinder to confirm purging of bubbles
- Wide Chemical Range: Valves and seals on the seripettor® pro allow a broader range of liquids to be dispensed than the regular seripettor®
- Telescoping Filling Tube: Adjusts to fit many bottles without cutting
- Threaded Safety Cap: Attaches and removes with a quick twist
- Spring-loaded Piston: Permits one-handed, semi-automatic operation



| Thomas No. | Mfr. No. | Description                                         |
|------------|----------|-----------------------------------------------------|
| 1218R54    | 4721420  | Bottletop dispenser, Brand Seripettor Pro, 0.2-2mL  |
| 1218R55    | 4721440  | Bottletop dispenser, Brand Seripettor Pro, 1-10mL   |
| 1218R56    | 4721450  | Bottletop dispenser, Brand Seripettor Pro, 2.5-25mL |

**Ethyl Ether, Anhydrous***Contains BHT as a Preservative*

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type       | Pkg. Size          |
|------------|----------|-----------|--------|-----------------|--------------------|
| C313K31    | 0848-10  | AR (ACS)® | Macron | Aluminum Bottle | 500 g<br>6 x 500 g |
| 0561X80    | 0848-22  | AR (ACS)® | Macron | Macron          | 125 kg             |

**HEPES, Free Acid***For Liquid Chromatography and Molecular Biology Buffers*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size |
|------------|----------|----------------------|----------|-----------|-----------|
| C382A02    | 4018-04  | Ultrapure Bioreagent | JT Baker | Poly      | 500 g     |
| C382A10    | 4018-06  | Ultrapure Bioreagent | JT Baker | Poly Pail | 5 kg      |

**Hexanes**

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type  | Pkg. Size |
|------------|----------|-----------|--------|------------|-----------|
| C001D18    | 5189-22  | AR (ACS)® | Macron | Steel Pail | 20 L      |

**Hexanes (95% n-hexane)***For Organic Residue Analysis*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C389S59    | 9262-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

**Hexanes (95% n-hexane)***Suitable for LC, Extraction/Concentration, UV-Spectrophotometry*

| Thomas No. | Mfr. No. | Grade    | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------|--------|-----------|----------------|
| C389N50    | H487-06  | UltimAR® | Macron | Glass     | 1 L<br>6 x 1 L |
| C389N56    | H487-10  | UltimAR® | Macron | Glass     | 4 L<br>4 x 4 L |

**Hexanes (99% n-hexane)**

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| 0144T66    | N168-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |
| 0149J54    | N168-08  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

**Isopropyl Alcohol***For Histological Use*

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type  | Pkg. Size |
|------------|----------|-----------|--------|------------|-----------|
| C001D23    | 3032-22  | AR (ACS)® | Macron | Steel Pail | 20 L      |

**Isopropyl Alcohol***Suitable for LC, Extraction/Concentration, UV-Spectrophotometry*

| Thomas No. | Mfr. No. | Grade    | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------|--------|-----------|----------------|
| 0564R13    | V555-10  | UltimAR® | Macron | Glass     | 4 L<br>4 x 4 L |

**Methanol**

| Thomas No. | Mfr. No. | Grade              | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|--------------------|----------|-----------|----------------|
| C490A36    | 9070-03  | Baker Analyzed ACS | JT Baker | Glass     | 4 L<br>4 x 4 L |



## Methanol

For Organic Residue Analysis

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C490C08    | 9263-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |
| C490C17    | 9263-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

## Methanol

For Purge and Trap Analysis

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C490C61    | 9077-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |

## Methanol

For Use in Liquid Chromatography and Spectrophotometry

| Thomas No. | Mfr. No. | Grade | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|-------|----------|-----------|----------------|
| C490B90    | 9093-03  | HPLC  | JT Baker | Glass     | 4 L<br>4 x 4 L |

## Methyl Alcohol

Suitable for LC, Extraction/Concentration, UV-Spectrophotometry

| Thomas No. | Mfr. No. | Grade    | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------|--------|-----------|----------------|
| C493E14    | H488-10  | UltimAR® | Macron | Glass     | 4 L<br>4 x 4 L |

## Methyl Alcohol, Anhydrous

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type        | Pkg. Size |
|------------|----------|-----------|--------|------------------|-----------|
| C001D28    | 3016-22  | AR (ACS)® | Macron | Lined Steel Drum | 20 L      |

## Methyl tert-Butyl Ether

For Organic Residue Analysis

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C511B02    | 9043-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |
| C511B10    | 9043-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

## Methylene Chloride

For Organic Residue Analysis

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C499R30    | 9264-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |
| C499R40    | 9264-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

## MOPS

(3-[N-morpholino]-propanesulfonic acid)

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size |
|------------|----------|----------------------|----------|-----------|-----------|
| C509N30    | 4004-01  | Ultrapure Bioreagent | JT Baker | Poly      | 500 g     |

## Pentane

For Organic Residue Analysis

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| 0148Q04    | 9333-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |



## Potassium Hydroxide, Pellets

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type   | Pkg. Size           |
|------------|----------|-----------|--------|-------------|---------------------|
| C617F53    | 6984-04  | AR (ACS)® | Macron | POLYSTORMOR | 500 g<br>12 x 500 g |

## Reagent Alcohol, Absolute

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|-----------|--------|-----------|----------------|
| C013G71    | 7019-10  | AR (ACS)® | Macron | Poly      | 4 L<br>4 x 4 L |

## Sodium Bicarbonate

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type | Pkg. Size |
|------------|----------|-----------|--------|-----------|-----------|
| 0564H46    | 7412-20  | AR (ACS)® | Macron | STAKMOR   | 12 kg     |

## Sodium Chloride, Crystal

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type | Pkg. Size            |
|------------|----------|-----------|--------|-----------|----------------------|
| 0562N83    | 7581-06  | AR (ACS)® | Macron | Poly      | 2.5 kg<br>4 x 2.5 kg |

## Sodium Hydroxide, Pellet

| Thomas No. | Mfr. No. | Grade     | Brand  | Pkg. Type   | Pkg. Size          |
|------------|----------|-----------|--------|-------------|--------------------|
| C715Q16    | 7708-10  | AR (ACS)® | Macron | POLYSTORMOR | 500 g<br>4 x 500 g |

## Sodium Sulfate, Anhydrous, Granular (12-60 Mesh)

Suitable for Use in Pesticide Residue Analysis

| Thomas No. | Mfr. No. | Grade                             | Brand    | Pkg. Type        | Pkg. Size            |
|------------|----------|-----------------------------------|----------|------------------|----------------------|
| C724B56    | 3375-01  | Ultra Resi-Analyzed™, ACS Reagent | JT Baker | Glass            | 500 g<br>4 x 500 g   |
| C724B91    | 3375-05  | Ultra Resi-Analyzed™, ACS Reagent | JT Baker | Glass            | 2.5 kg<br>4 x 2.5 kg |
| C724B64    | 3375-07  | Ultra Resi-Analyzed™, ACS Reagent | JT Baker | Lined Fiber Drum | 12 kg                |
| C724B67    | 3375-09  | Ultra Resi-Analyzed™, ACS Reagent | JT Baker | —                | 45.5 kg              |

## Wheaton

## Media Bottles, Graduated, Safety Coated

- Plastisol coating for safety
- USP Type I clear borosilicate glass
- Provided with graduations and writing patch
- 33-430 screw cap can be purchased separately
- Autoclavable



| Thomas No. | Mfr. No. | Description                                   |
|------------|----------|-----------------------------------------------|
| 1207Z70    | 219455   | 125 mL Media Bottle, Graduated, Safety Coated |
| 1207Z71    | 219457   | 250 mL Media Bottle, Graduated, Safety Coated |

**Sucrose***For Density Gradient Centrifugation*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size |
|------------|----------|----------------------|----------|-----------|-----------|
| C740S75    | 4097-04  | Ultrapure Bioreagent | JT Baker | Poly      | 1 kg      |

**Tetrahydrofuran***Suitable for Liquid Chromatography and UV-Spectrophotometry*

| Thomas No. | Mfr. No. | Grade    | Brand  | Pkg. Type | Pkg. Size      |
|------------|----------|----------|--------|-----------|----------------|
| 0564N69    | V558-10  | UltimAR® | Macron | Glass     | 4 L<br>4 x 4 L |

**Toluene***For Organic Residue Analysis*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| 0148Q02    | 9336-02  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 1 L<br>6 x 1 L |
| 0148W64    | 9336-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

**TRIS (Base)***For Liquid Chromatography Applications*

| Thomas No. | Mfr. No. | Grade                                 | Brand    | Pkg. Type | Pkg. Size |
|------------|----------|---------------------------------------|----------|-----------|-----------|
| 0144F42    | 4099-06  | Baker Analyzed<br>Biochemical Reagent | JT Baker | Poly Pail | 5 kg      |

**Water**

| Thomas No. | Mfr. No. | Grade | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|-------|----------|-----------|----------------|
| C864T10    | 4218-03  | HPLC  | JT Baker | Glass     | 4 L<br>4 x 4 L |

**Water***For Environmental Inorganic and Organic Trace Analysis*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size      |
|------------|----------|----------------------|----------|-----------|----------------|
| C864S96    | 4219-03  | Ultra Resi-Analyzed™ | JT Baker | Glass     | 4 L<br>4 x 4 L |

**Water, Sterile***For Molecular Biology Use*

| Thomas No. | Mfr. No. | Grade                | Brand    | Pkg. Type | Pkg. Size |
|------------|----------|----------------------|----------|-----------|-----------|
| C001D47    | 4221-02  | Ultrapure Bioreagent | JT Baker | Poly      | 1 L       |

**Scientific Plastics****Spill Containment Trays**

- Laboratory spill trays are a minimum 3/16" thick, one piece stress free, virgin polyethylene with smooth interior walls and coved corners for easy cleaning
- Trays conform to ASTM #1412 for corrosion resistance, and provide secondary containment complying with OSHA 1910.1450 and EPA 264.175 for chemical stockrooms/storerooms



| Thomas No. | Mfr. No.    | Description                          |
|------------|-------------|--------------------------------------|
| 1185F75    | T521816-101 | Spill Containment Tray, 16 x 18 x 1" |
| 1189Y31    | T521816-201 | Spill Containment Tray, 16 x 18 x 2" |
| 1185F76    | T522218-101 | Spill Containment Tray, 22 x 18 x 1" |
| 1189Y32    | T522218-201 | Spill Containment Tray, 22 x 18 x 2" |
| 1185F77    | T522818-101 | Spill Containment Tray, 28 x 18 x 1" |
| 1189Y33    | T522818-201 | Spill Containment Tray, 28 x 18 x 2" |
| 1185F78    | T523418-101 | Spill Containment Tray, 34 x 18 x 1" |
| 1189Y34    | T523418-201 | Spill Containment Tray, 34 x 18 x 2" |
| 1185F79    | T524618-101 | Spill Containment Tray, 46 x 18 x 1" |
| 1189Y35    | T524618-201 | Spill Containment Tray, 46 x 18 x 2" |

**dNTP Mixture**

| Thomas No. | Mfr. No. | Pkg. Size      |
|------------|----------|----------------|
| C861E32    | DD0056   | 1 Each of 10mM |
| C861E33    | DD0057   | 1 Each of 25mM |

**dNTP Sets**

| Thomas No. | Mfr. No.    | Pkg. Size                    |
|------------|-------------|------------------------------|
| C861E34    | DD0058-401  | 1 Each of 4 x 0.1 mL (100mM) |
| C862X86    | 9K-003-0007 | 1 Each of 4 x 1 mL (100mM)   |

**Dimethyl Sulfoxide (DMSO)**

| Thomas No. | Mfr. No. | Pkg. Size |
|------------|----------|-----------|
| C861D70    | D0231    | 500 mL    |

**BCA Protein Assay Kit**

| Thomas No. | Mfr. No. | Pkg. Size            |
|------------|----------|----------------------|
| C860A89    | SK3021   | 1 Each of 500 Assays |

**Triton X-100**

| Thomas No. | Mfr. No. | Pkg. Size |
|------------|----------|-----------|
| C860B26    | TB0198   | 500 mL    |

**Acryl/Bis Solution, 30% (w/v)**

| Thomas No. | Mfr. No. | Pkg. Size |
|------------|----------|-----------|
| C862Y18    | A0010    | 500 mL    |

**L-Threonine**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C860B40    | TB0919-100 | 100 g     |

**Basic Fuchsin, Certified**

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| C861A34    | BB1111-25 | 25 g      |

**SSC Buffer, 20x Liquid Concentrate**

| Thomas No. | Mfr. No. | Pkg. Size |
|------------|----------|-----------|
| C861D72    | D0623    | 1 L       |

**DEPC Water**

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| C861D65    | D0121-500 | 500 mL    |

**100-1500bp DNA Marker, Ready-to-Use**

| Thomas No. | Mfr. No. | Pkg. Size   |
|------------|----------|-------------|
| C861H48    | M102R-1  | 100 loading |

**TG-SDS Buffer (Tris-Glycine-SDS), 10x Solution**

| Thomas No. | Mfr. No. | Pkg. Size |
|------------|----------|-----------|
| C862Y31    | A0030    | 4 L       |

## 10X Phosphate-Buffered Saline (PBS), pH 7.4

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003R09    | 46-013-CM | 6 x 1 L   |

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## 10X TAE Buffer

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L63    | 46-010-CM | 6 x 1 L   |

## 10X TBE Buffer

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L64    | 46-011-CM | 6 x 1 L   |

## 1M Tris-Hydrochloride Buffers, 1M Tris-HCl, pH 7.5

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L66    | 46-030-CM | 6 x 1 L   |

## 1M Tris-Hydrochloride Buffers, 1M Tris-HCl, pH 8.0

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L67    | 46-031-CM | 6 x 1 L   |

## 20X SSC

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L65    | 46-020-CM | 6 x 1 L   |

## 3M Sodium Acetate

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003R12    | 46-033-CI | 1 x 100 mL |

## Ampicillin, Sodium Salt

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003M46    | 61-238-RH | 1 x 10 g  |
| B003M47    | 61-238-RM | 1 x 100 g |

## Carbenicillin, Disodium Salt

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L71    | 46-100-RG | 1 x 5 g   |

## Dulbecco's Modification of Eagles Medium (DMEM)

with 4.5 g/L glucose and L-glutamine, without sodium pyruvate

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003K40    | 10-017-CV | 6 x 500 mL |

## Dulbecco's Modification of Eagle's Medium (DMEM)

with 4.5 g/L glucose, L-glutamine, and sodium pyruvate

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003K32    | 10-013-CV | 6 x 500 mL |

## Dulbecco's Phosphate-Buffered Saline 1X

1X

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L09    | 21-031-CV | 6 x 500 mL |

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## Fetal Bovine Serum

Regular

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L51    | 35-010-CV | 1 x 500 mL |

## Fetal Bovine Serum

Regular (Heat Inactivated)

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L52    | 35-011-CV | 1 x 500 mL |

## IPTG

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L73    | 46-102-RF | 1 x 1 g   |

## Kanamycin Sulfate

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L46    | 30-006-CF | 6 x 50 mL |

## Kanamycin Sulfate

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003M32    | 61-176-RG | 1 x 5 g   |

## L-Glutamine

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L16    | 25-005-CI | 6 x 100 mL |

## Miller's LB Broth

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L68    | 46-050-CM | 6 x 1 L   |

## Minimum Essential Medium

(MEM)

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003K30    | 10-010-CV | 6 x 500 mL |

## MOPS Buffer

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003R16    | 46-103-RM | 1 x 100 g |

## Neomycin Sulfate

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003M49    | 61-241-RG | 1 x 5 g   |

## Penicillin-Streptomycin Solution 100X

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L42    | 30-002-Cl | 6 x 100 mL |

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## RPMI 1640

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003K46    | 10-040-CV | 6 x 500 mL |

## S.O.C Medium

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L62    | 46-003-CR | 10 x 10 mL |

## Sodium Pyruvate

Liquid

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L15    | 25-000-Cl | 6 x 100 mL |

## Sterile WFI-Quality

Cell Culture Grade Water

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L31    | 25-055-CV | 6 x 500 mL |

## Tetracycline Hydrochloride

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003M51    | 61-242-RG | 1 x 5 g   |

## Trypan Blue Solution

(w/v) in PBS

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L40    | 25-900-Cl | 1 x 100 mL |

## Trypsin EDTA 1X

0.05% Trypsin/0.53 mM EDTA in HBSS

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L27    | 25-052-Cl | 6 x 100 mL |

## Trypsin EDTA 1X

0.25% Trypsin/2.21 mM EDTA in HBSS

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| B003L29    | 25-053-Cl | 6 x 100 mL |

## Water

Molecular Biology Grade

| Thomas No. | Mfr. No.  | Pkg. Size  |
|------------|-----------|------------|
| C001X09    | 46-000-Cl | 6 x 100 mL |
| B003L61    | 46-000-CM | 6 x 1 L    |
| 1210X69    | 46-000-CV | 6 x 500 mL |

## X-GAL

Powder

| Thomas No. | Mfr. No.  | Pkg. Size |
|------------|-----------|-----------|
| B003L72    | 46-101-RF | 1 x 1 g   |

## 10X PBS Liquid Concentrate

Phosphate Buffered Saline, 10X

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C001F68    | 6505     | OmniPur® | —         | 4 L       |

## 10X PBS Liquid Concentrate, Sterile

Phosphate Buffered Saline, 10X, Sterile

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C001N22    | 6506     | OmniPur® | —         | 4 L       |

## Acetic Acid, Glacial

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C005Q92    | AX0073-6 | GR ACS | Glass Bottle | 500 mL    |
| C005Q96    | AX0073-9 | GR ACS | Glass Bottle | 2.5 L     |

## Acetone

| Thomas No. | Mfr. No. | Grade     | Pkg. Type    | Pkg. Size |
|------------|----------|-----------|--------------|-----------|
| C006U40    | AX0116-1 | OmniSolv® | Glass Bottle | 4 L       |

## Acetone

| Thomas No. | Mfr. No. | Grade  | Pkg. Type | Pkg. Size |
|------------|----------|--------|-----------|-----------|
| C006S35    | AX0120-3 | GR ACS | Metal Can | 200L      |

## Acetone

Histology

| Thomas No. | Mfr. No. | Grade | Pkg. Type   | Pkg. Size |
|------------|----------|-------|-------------|-----------|
| C001U48    | AX0125-4 | —     | Poly Bottle | 4 L       |

## Acetone

HPLC

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C006U50    | AX0115-1 | —     | Glass Bottle | 4 L       |

## Acrylamide Bis-acrylamide

29:1, 40% Solution

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C009A25    | 1700     | OmniPur® | —         | 500 mL    |

## Agarose

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C001H21    | 2120     | OmniPur® | —         | 100 g     |
| C001H22    | 2125     | OmniPur® | —         | 500 g     |

## Alcohol, Reagent

| Thomas No. | Mfr. No. | Grade  | Pkg. Type   | Pkg. Size |
|------------|----------|--------|-------------|-----------|
| C013G79    | AX0441-3 | GR ACS | Poly Bottle | 4 L       |

## Ammonium Hydroxide

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C030R64    | AX1303-3 | GR ACS | Glass Bottle | 2.5 L     |

## BSA, Fraction V

Heat Shock Isolation

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C001H24    | 2930     | OmniPur® | —         | 100 g     |



## Chloroform

HPLC

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C184E90    | CX1050-1 | —     | Glass Bottle | 4 L       |

## Dichloromethane

| Thomas No. | Mfr. No. | Grade     | Pkg. Type    | Pkg. Size |
|------------|----------|-----------|--------------|-----------|
| C269H73    | DX0831-1 | OmniSolv® | Glass Bottle | 4 L       |

## Dichloromethane

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| 0612A42    | DX0835-3 | GR ACS | Glass Bottle | 4 L       |
| 0609H67    | DX0835-5 | GR ACS | Metal Can    | 20 L      |

## Ethyl Acetate

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| 0609P33    | EX0240-3 | GR ACS | Metal Can    | 20 L      |
| C314V21    | EX0240-5 | GR ACS | Glass Bottle | 4 L       |

## Ethyl Acetate

HPLC

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C314X01    | EX0245-1 | —     | Glass Bottle | 4 L       |

## Ethyl Alcohol, Anhydrous

Denatured

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C315M81    | EX0285-3 | —     | Glass Bottle | 4 L       |

## Ethyl Ether

| Thomas No. | Mfr. No. | Grade  | Pkg. Type | Pkg. Size |
|------------|----------|--------|-----------|-----------|
| C000N62    | EX0185-6 | GR ACS | Metal Can | 1 L       |

## Ethyl Ether, Anhydrous

| Thomas No. | Mfr. No. | Grade  | Pkg. Type | Pkg. Size |
|------------|----------|--------|-----------|-----------|
| C313K63    | EX0190-3 | GR ACS | Metal Can | 4 L       |

## Formamide, Deionized

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C001K38    | 4650     | OmniPur® | —         | 500 mL    |

## Glycerol

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| 0609M67    | GX0185-5 | GR ACS | Glass Bottle | 4 L       |

## Glycerol

1,2,3-Propanetriol, Glycerine

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C000B63    | 4750     | OmniPur® | —         | 1 L       |

## Hexanes

HPLC, 98.5% Hexanes

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C389R06    | HX0290-1 | —     | Glass Bottle | 4 L       |



## Hexanes, 98.5%

ACS, ~64% n-Hexane

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| 0609L88    | HX0299-3 | ACS   | Metal Can    | 20 L      |
| C389Q44    | HX0299-5 | ACS   | Glass Bottle | 4 L       |

## Hydrochloric Acid

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C395L92    | HX0603-3 | GR ACS | Glass Bottle | 2.5 L     |

## Hydrogen Peroxide Solution

30% W/W

| Thomas No. | Mfr. No. | Grade  | Pkg. Type   | Pkg. Size |
|------------|----------|--------|-------------|-----------|
| C396V50    | HX0635-2 | GR ACS | Poly Bottle | 1 L       |
| 0612A48    | HX0635-3 | GR ACS | —           | 500 mL    |

## Isopropyl Alcohol

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C631H09    | PX1835-3 | GR ACS | Metal Can    | 20 L      |
| C631H05    | PX1835-5 | GR ACS | Glass Bottle | 4 L       |
| C001Q29    | PX1835-6 | GR ACS | Glass Bottle | 500 mL    |

## Isopropyl Alcohol

HPLC

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C631H10    | PX1838-1 | —     | Glass Bottle | 4 L       |

## Magnesium Sulfate, Anhydrous

Powder

| Thomas No. | Mfr. No. | Grade | Pkg. Type   | Pkg. Size |
|------------|----------|-------|-------------|-----------|
| C001X04    | MX0075-1 | GR    | Poly Bottle | 500 g     |

## Methanol

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C490B20    | MX0485-5 | GR ACS | Metal Can    | 20 L      |
| C490B10    | MX0485-7 | GR ACS | Glass Bottle | 4 L       |

## Methanol

Gradient Grade

| Thomas No. | Mfr. No. | Grade     | Pkg. Type    | Pkg. Size |
|------------|----------|-----------|--------------|-----------|
| C490C40    | MX0488-1 | OmniSolv® | Glass Bottle | 4 L       |

## Methanol

HPLC

| Thomas No. | Mfr. No. | Grade | Pkg. Type    | Pkg. Size |
|------------|----------|-------|--------------|-----------|
| C490C01    | MX0475-1 | —     | Glass Bottle | 4 L       |

**Petroleum Ether**

BP

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C577F15    | PX0425-5 | GR ACS | Glass Bottle | 4 L       |

**Sodium Chloride**

| Thomas No. | Mfr. No. | Grade  | Pkg. Type   | Pkg. Size |
|------------|----------|--------|-------------|-----------|
| C710L54    | SX0420-3 | GR ACS | Poly Bottle | 2.5 kg    |

**Sodium Hydroxide**

Pellets Low in Carbonate

| Thomas No. | Mfr. No. | Grade  | Pkg. Type   | Pkg. Size |
|------------|----------|--------|-------------|-----------|
| 0610R55    | SX0593-1 | GR ACS | Poly Bottle | 500 g     |

**Sodium Sulfate, Anhydrous**

Granular

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C724B93    | SX0760-3 | GR ACS | Glass Bottle | 2.5 kg    |

**Sulfuric Acid**

| Thomas No. | Mfr. No.  | Grade  | Pkg. Type                | Pkg. Size |
|------------|-----------|--------|--------------------------|-----------|
| C746D50    | SX1244-6  | GR ACS | Glass Bottle             | 500 mL    |
| C001A12    | SX1244-75 | GR ACS | Poly Coated Glass Bottle | 2.5 L     |

**Tetrahydrofuran**

Non-UV

| Thomas No. | Mfr. No. | Grade     | Pkg. Type    | Pkg. Size |
|------------|----------|-----------|--------------|-----------|
| C802A20    | TX0282-1 | OmniSolv® | Glass Bottle | 4 L       |

**Toluene**

| Thomas No. | Mfr. No. | Grade  | Pkg. Type    | Pkg. Size |
|------------|----------|--------|--------------|-----------|
| C001P48    | TX0735-5 | GR ACS | Glass Bottle | 4 L       |

**TRIS**

| Thomas No. | Mfr. No. | Grade    | Pkg. Type   | Pkg. Size |
|------------|----------|----------|-------------|-----------|
| C001J50    | 9210     | OmniPur® | Poly Bottle | 500 g     |

**Water**

Gradient Grade

| Thomas No. | Mfr. No. | Grade     | Pkg. Type    | Pkg. Size |
|------------|----------|-----------|--------------|-----------|
| C001D91    | WX0004-1 | OmniSolv® | Glass Bottle | 4 L       |

**Water, DEPC Treated, Sterile, Nuclease-Free**

| Thomas No. | Mfr. No. | Grade    | Pkg. Type | Pkg. Size |
|------------|----------|----------|-----------|-----------|
| C001J54    | 9610     | OmniPur® | —         | 1 L       |

**Yeast Extract**

Granulated

| Thomas No. | Mfr. No.     | Grade | Pkg. Type   | Pkg. Size |
|------------|--------------|-------|-------------|-----------|
| C879T10    | 1.03753.0500 | —     | Poly Bottle | 500 g     |

**Cell and Tissue Culture Media,  
Microbiology, Antibiotics and Supplements****Phosphate Buffered Saline (PBS), 10 X**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993D01    | 41620004-1 | 1 L       |

**Murashige & Skoog (MS) Medium**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994P80    | 30630058-4 | 50 L      |

**Hoagland Complete Medium**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994P34    | 30630037-3 | 25 L      |

**Gamborg B5 Medium, w/Vitamins**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994P18    | 30630029-3 | 25 L      |

**Gelzan™ (Gelrite), Agar substitute**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993Y87    | 30634003-2 | 500 g     |

**Zeatin**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994R75    | 30631019-2 | 100 mg    |

**Alpha-naphthalene acetic acid (NAA)**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994R66    | 30631016-3 | 100 g     |

**Basta, 1% Solution**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993Y88    | 30632006-1 | 100 mL    |

**Agar, Bacteriological**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994L00    | 30620001-1 | 500 g     |

**Luria-Bertani (LB) Agar, Lennox**

| Thomas No. | Mfr. No.   | Pkg. Size           |
|------------|------------|---------------------|
| C994L54    | 30620036-2 | 20 g capsules, 1 kg |

**Luria-Bertani (LB) Agar, Miller**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994L60    | 30620042-2 | 500 g     |



## M63 Medium (5x)

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994M47    | 30621014-1 | 500 mL    |

## IPTG (Isopropyl-β-D-Thiogalactopy)

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994F29    | 21530057-2 | 5 g       |

## Ampicillin, Sodium Salt

| Thomas No. | Mfr. No.   | Grade | Pkg. Size |
|------------|------------|-------|-----------|
| C993Y89    | 40110032-1 | USP   | 25 g      |

## Carbenicillin Disodium Salt

| Thomas No. | Mfr. No.   | Grade | Pkg. Size |
|------------|------------|-------|-----------|
| C994W32    | 40310000-1 | USP   | 1 g       |

## Hygromycin B

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993A05    | 40810000-3 | 250 mg    |

## Kanamycin Sulfate

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993A46    | 41110000-2 | 5 g       |

## Rifampicin

| Thomas No. | Mfr. No.   | Grade | Pkg. Size |
|------------|------------|-------|-----------|
| C993D90    | 41810012-2 | USP   | 5 g       |

## Timentin

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993H39    | 42010012-2 | 5 g       |

## Protein Purification, Buffers and Reagents, Kits

### BioZOL™-G RNA Isolation Reagent

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993Y90    | 10760055-1 | 100 mL    |

### Guanidine Hydrochloride

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C994Z35    | 40700060-3 | Biotechnology | 1 kg      |

### Phosphatase Inhibitor Cocktail III, 100 X

| Thomas No. | Mfr. No.    | Pkg. Size |
|------------|-------------|-----------|
| C993Y91    | 4160 0096-1 | 1 Vial    |

### PMSF

| Thomas No. | Mfr. No.   | Grade       | Pkg. Size |
|------------|------------|-------------|-----------|
| C993D77    | 41660008-1 | High Purity | 5 g       |



## Protease Inhibitor Cocktail I for Gene

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994H29    | 22020004-1 | 1 Vial    |

## Q-Cons™ Rapid Protein Concentrators

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994J04    | 22040062-2 | 25 Pack   |

## Protein-A Separopore® 4B-CL

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993Y92    | 20181029-5 | 1 mL      |

## Ni-Chelated Separopore® 4B Agarose

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C995Z97    | 20181046-1 | 10 mL     |

## Wheat Germ Agglutinin (Lectin) Separopore® 4B

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C995Z20    | 20181018-2 | 5 mL      |

## Glutathione Separopore® 4B OnePass Cart

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993Y93    | 20170004-4 | 1 Each    |

## Cetyltrimethylammonium Bromide

| Thomas No. | Mfr. No.   | Grade       | Pkg. Size |
|------------|------------|-------------|-----------|
| C994X04    | 40330044-1 | High Purity | 500 g     |

## Deoxycholic Acid, Sodium Salt (Sodium Deoxycholate)

| Thomas No. | Mfr. No.   | Grade       | Pkg. Size |
|------------|------------|-------------|-----------|
| C994X85    | 40430018-2 | High Purity | 100 mL    |

## Triton™ X-100

| Thomas No. | Mfr. No.   | Grade   | Pkg. Size |
|------------|------------|---------|-----------|
| C993J36    | 42030000-2 | Reagent | 5 00 mL   |

## Tween 20

| Thomas No. | Mfr. No.   | Grade   | Pkg. Size |
|------------|------------|---------|-----------|
| C993J42    | 42030016-2 | Reagent | 1 L       |

## Tween 80

| Thomas No. | Mfr. No.   | Grade   | Pkg. Size |
|------------|------------|---------|-----------|
| C993J45    | 42030020-2 | Reagent | 500 mL    |

## DTT, DL-Dithiothreitol

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C994X61    | 40400120-2 | Biotechnology | 10 g      |

**Fish Gelatin**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994Y88    | 40600036-2 | 25 g      |

**D(+) Galactose**

| Thomas No. | Mfr. No.   | Grade       | Pkg. Size |
|------------|------------|-------------|-----------|
| C994Z13    | 40700000-3 | High Purity | 500 g     |

**D-Glucose, Monohydrate**

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C994Z17    | 40700012-2 | Biotechnology | 2.5 kg    |

**Glutathione, Reduced**

| Thomas No. | Mfr. No.   | Grade       | Pkg. Size |
|------------|------------|-------------|-----------|
| C994K32    | 30611030-1 | High Purity | 10 g      |

**Imidazole**

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C993A34    | 40900000-2 | Biotechnology | 50 g      |

**MOPS, Free Acid**

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C993B47    | 41320044-2 | Ultra Pure | 250 g     |

**Sodium Phosphate, Dibasic**

| Thomas No. | Mfr. No.   | Grade | Pkg. Size |
|------------|------------|-------|-----------|
| C993F49    | 41900112-2 | ACS   | 1 kg      |

**Tris-Base**

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C993J31    | 42020309-1 | Biotechnology | 500 g     |

**Urea**

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C993J52    | 42100004-2 | Ultra Pure | 1 kg      |

**3D Water (Deionized-Double Distilled)**

| Thomas No. | Mfr. No.   | Grade             | Pkg. Size |
|------------|------------|-------------------|-----------|
| C993Y94    | 42300000-1 | Molecular Biology | 1 L       |

**Electrophoresis, Western Blotting,  
Hybridization, Assays and Detection****Agarose 1**

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C994T23    | 40100104-4 | Biotechnology | 500 g     |

**Acrylamide/Bis-Acrylamide™ 37.5:1 30% (w/v)**

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C994U44    | 40120036-2 | Ultra Pure | 100 mL    |

**TEMED**

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C993H09    | 42000060-2 | Ultra Pure | 50 mL     |

**Laemmli SDS-Sample Buffer**

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C995V87    | 10570021-1 | Ultra Pure | 25 mL     |
| C995V83    | 10570019-1 | Ultra Pure | 25 mL     |

**TBE Buffers**

| Thomas No. | Mfr. No.   | Grade      | Pkg. Size |
|------------|------------|------------|-----------|
| C995V30    | 10530017-2 | Ultra Pure | 4 L       |

**BetterBlocker™ Universal Blocking Solution  
(10X Reagent)**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C993Y95    | 20960011-2 | 100 mL    |

**BBS/Glycerol/Fish Gelatin**

| Thomas No. | Mfr. No.   | Pkg. Size  |
|------------|------------|------------|
| C994C51    | 20720002-1 | 2 x 100 mL |

**Skim Milk Powder**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994M01    | 30620074-1 | 500 g     |

**BSA (Bovine Serum Albumin), Fraction V**

| Thomas No. | Mfr. No.   | Grade         | Pkg. Size |
|------------|------------|---------------|-----------|
| C994J37    | 22070008-5 | Biotechnology | 100 g     |

**Firepol (Thermostable TAQ)**

| Thomas No. | Mfr. No.   | Pkg. Size  |
|------------|------------|------------|
| C995W93    | 11140005-1 | 1000 Units |

**Blood PCR Kit**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C995W89    | 11140000-1 | 1 Kit     |

**BCA Protein Assay Kit**

| Thomas No. | Mfr. No.   | Pkg. Size  |
|------------|------------|------------|
| C993Y97    | 20831001-1 | 500 Assays |

**Bradford Protein Assay Kit**

| Thomas No. | Mfr. No.   | Pkg. Size |
|------------|------------|-----------|
| C994C67    | 20830001-1 | 1 L       |

# EVERmed

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MEDICAL REFRIGERATION 



# UPRIGHT FREEZERS



**EVERmed**  
MEDICAL REFRIGERATION 





# 3 SOLUTION for TEMPERATURES DATA COLLECTION



## Electronic printer

- Wide, back-lit LED display and soft touch-pads buttons for easy operation
- Internal non-volatile memory for acquired data (time, temperatures and alarms)
- Adjustable recording intervals
- 3 selectable printing modes, online (print-out at fix intervals), on daily basis (once a day) or historical report of all recorded data
- Independent recording thanks its-own sensor
- Ink-free printing
- Upgradeable with a second sensor (optionally available)



## Chart recorder on diagrams

- Temperature trend traced on round paper chart
- 24 hours or 7 days recording
- Battery operating for functioning even in case of power failures
- Independent recording thanks its-own sensor
- Perspex cover with safety lock



## Data logger function through USB port

- Data-logging of all functioning conditions of the appliance
- Selectable downloading data directly through a dedicated menu in the xPRO controller
- Download of Excel data sheets suitable for Windows PC, no specific software and/or training needed
- Programmable sampling time
- Up to 129,000 recordings in the internal memory





# LFG

-5°C -20°C

LABORATORY  
FREEZERS  
GLASS DOOR

LFG 530 - 625 with drawers



LFG 530 - 625



LFG 1160 - 1365



| MODEL                                         | 530           | 625           | 1160           | 1365           |
|-----------------------------------------------|---------------|---------------|----------------|----------------|
| Capacity (litres)                             | 530           | 625           | 1160           | 1365           |
| Dimensions (W x D x H cm)                     | 75 x 70 x 210 | 75 x 82 x 210 | 150 x 70 x 210 | 150 x 82 x 210 |
| External structure                            | W / S         | W / S         | W / S          | W / S          |
| Internal chamber                              | W / S         | W / S         | W / S          | W / S          |
| Insulation                                    | 75            | 75            | 75             | 75             |
| Feet                                          | 4             | 4             | 4              | 4              |
| Glass door                                    | 1             | 1             | 2              | 2              |
| Internal lighting                             | •             | •             | •              | •              |
| Shelf                                         | 3             | 3             | 6              | 6              |
| Digital electronic thermostat with alarm      | •             | •             | •              | •              |
| Control panel xPRO                            | •             | •             | •              | •              |
| Forced-air refrigeration                      | •             | •             | •              | •              |
| Automatic defrosting                          | •             | •             | •              | •              |
| Automatic evaporation of the condensate water | •             | •             | •              | •              |
| Refrigerant                                   | R404A         | R404A         | R404A          | R404A          |
| CFC- and HCFC- free                           | •             | •             | •              | •              |
| Voltage                                       | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES                                | 530 | 625 | 1160 | 1365 |
|--------------------------------------------|-----|-----|------|------|
| Shelf                                      | •   | •   | •    | •    |
| Stainless steel wire shelf                 | •   | •   | •    | •    |
| Wire basket                                | •   | •   | •    | •    |
| Drawer                                     | •   | •   | •    | •    |
| Drawer dividers                            | •   | •   | •    | •    |
| Drawer front top                           | •   | •   | •    | •    |
| Castors                                    | •   | •   | •    | •    |
| Door key locking                           | •   | •   | •    | •    |
| Temperature chart recorder                 | •   | •   | •    | •    |
| Electronic temperature printer             | •   | •   | •    | •    |
| Data-logger function with USB port         | •   | •   | •    | •    |
| Ballasted sensor for simulation of product | •   | •   | •    | •    |
| Internal electrical socket                 | •   | •   | •    | •    |
| GSM/GPRS telephone dialer                  | •   | •   | •    | •    |
| Voltage 240V/1ph/60Hz                      | •   | •   | •    | •    |



# LF

**-5°C -20°C ~ -25°C**

## LABORATORY FREEZERS



LF 2100



LF 140



LF 270



LF 370 - 440 - 530 - 625



LF 925 - 1160 - 1365



| MODEL                                         | 140          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
|-----------------------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Capacity (litres)                             | 140          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
| Temperature °C                                | -5°C -20°C   | -5°C -20°C    | -5°C -20°C    | -5°C -20°C    | -5°C -25°C    | -5°C -25°C    | -5°C -25°C     | -5°C -25°C     | -5°C -25°C     | -5°C -25°C     |
| Dimensions (W x D x H cm)                     | 60 x 62 x 84 | 60 x 65 x 164 | 60 x 60 x 192 | 60 x 70 x 192 | 75 x 70 x 210 | 75 x 82 x 210 | 120 x 70 x 192 | 150 x 70 x 210 | 150 x 82 x 210 | 225 x 82 x 210 |
| External structure                            | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Internal chamber                              | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Insulation                                    | 50           | 50            | 50            | 50            | 75            | 75            | 50             | 75             | 75             | 75             |
| Feet                                          | 4            |               | 4             | 4             | 4             | 4             | 4              | 4              | 4              | 6              |
| Rollers                                       |              | 4             |               |               |               |               |                |                |                |                |
| Insulated door                                | 1            | 1             | 1             | 1             | 1             | 1             | 2              | 2              | 2              | 3              |
| Internal lighting                             | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Shelf                                         | 2            | 2             | 3             | 3             | 3             | 3             | 6              | 6              | 6              | 9              |
| Digital electronic thermostat with alarm      | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Control panel xPRO                            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Forced-air refrigeration                      | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic defrosting                          |              | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Manual defrosting                             | •            |               |               |               |               |               |                |                |                |                |
| Automatic evaporation of the condensate water |              | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Refrigerant                                   | R134A        | R404A         | R404A         | R404A         | R404A         | R404A         | R404A          | R404A          | R404A          | R404A          |
| CFC- and HCFC- free                           | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Voltage                                       | 230/1/50     | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES                                | 140 | 270 | 370 | 440 | 530 | 625 | 925 | 1160 | 1365 | 2100 |
|--------------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| Shelf                                      | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Stainless steel wire shelf                 |     |     |     |     | •   | •   |     | •    | •    | •    |
| Wire basket                                |     |     |     |     | •   | •   |     | •    | •    | •    |
| Drawer                                     |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer dividers                            |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer front top                           |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Rollers                                    | •   |     |     |     |     |     |     |      |      |      |
| Castors                                    |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Door key locking                           | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Temperature chart recorder                 | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Electronic temperature printer             | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Data-logger function with USB port         | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Ballasted sensor for simulation of product | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Internal electrical socket                 | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| GSM/GPRS telephone dialer                  | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Voltage 240V/1ph/60Hz                      | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |

2

## TEMPERATURES



**EVERmed**  
MEDICAL REFRIGERATION 





# MPRR

**+2°C +15°C / +2°C +15°C**

MEDICAL-PHARMACEUTICAL  
REFRIGERATOR



MPRR 260



MPRR 925-1160-1365



MPRR 370/530



MPRR 625



MPRR 2100



| MODEL                                         | 260           | 370           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
|-----------------------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Capacity (litres)                             | 130/130       | 185/185       | 265/265       | 312/312       | 462/462        | 580/580        | 682/682        | 1400/700       |
| Dimensions (W x D x H cm)                     | 53 x 64 x 160 | 60 x 65 x 202 | 75 x 74 x 212 | 75 x 82 x 210 | 120 x 70 x 192 | 150 x 70 x 210 | 150 x 82 x 210 | 225 x 82 x 210 |
| External structure                            | W             | W             | W             | W             | W              | W              | W              | W              |
| Internal chamber                              | W             | W             | W             | W             | W              | W              | W              | W              |
| Insulation                                    | 40            | 50            | 75            | 75            | 50             | 75             | 75             | 75             |
| Feet                                          | 4             |               |               | 4             | 4              | 4              | 4              | 6              |
| Rollers                                       |               | 4             | 4             |               |                |                |                |                |
| Glass door                                    | 2             | 2             | 2             | 2             | 2              | 2              | 2              | 3              |
| Internal lighting                             | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          | • / •          |
| Shelf                                         | 2 / 2         | 2 / 2         | 2 / 2         | 2 / 2         | 3 / 3          | 3 / 3          | 3 / 3          | 6 / 3          |
| Digital electronic thermostat with alarm      | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          | • / •          |
| Control panel xPRO                            | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          | • / •          |
| Forced-air refrigeration                      | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          | • / •          |
| Automatic defrosting                          | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          | • / •          |
| Automatic evaporation of the condensate water | •             | •             | •             | •             | • / •          | • / •          | • / •          | • / •          |
| Refrigerant                                   | R134A         | R404A         | R404A         | R404A         | R404A          | R404A          | R404A          | R404A          |
| CFC- and HCFC- free                           | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          | • / •          |
| Voltage                                       | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES MODEL                          | 260   | 370   | 530   | 625   | 925   | 1160  | 1365  | 2100  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Shelf                                      | •     | •     | •     | •     | •     | •     | •     | •     |
| Stainless steel wire shelf                 |       |       | •     | •     |       | •     | •     | •     |
| Wire basket                                |       |       | •     | •     |       | •     | •     | •     |
| Drawer                                     | •     | •     | •     | •     | •     | •     | •     | •     |
| Drawer dividers                            | •     | •     | •     | •     | •     | •     | •     | •     |
| Drawer front top                           | •     | •     | •     | •     | •     | •     | •     | •     |
| Rollers                                    | •     |       |       |       |       |       |       |       |
| Castors                                    |       |       |       | •     | •     | •     | •     | •     |
| Door key locking                           | •     | •     | •     | •     | •     | •     | •     | •     |
| Temperature chart recorder                 | • / • | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Electronic temperature printer             | • / • | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Data-logger function with USB port         | • / • | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Ballasted sensor for simulation of product | • / • | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Internal electrical socket                 | • / • | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Cable port with cover                      | • / • | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| GSM/GPRS telephone dialer                  | •     | •     | •     | •     | •     | •     | •     | •     |
| Voltage 240V/1ph/60Hz                      | •     | •     | •     | •     | •     | •     | •     | •     |



# LCRR

0°C +15°C / 0°C +15°C

LABORATORY COMBINATION  
REFRIGERATOR



LCRR 260



LCRR 1160-1365



LCRR 370/530



LCRR 625



LCRR 2100



| MODEL                                         | 260           | 370           | 530           | 625           | 1160           | 1365           | 2100           |
|-----------------------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Capacity (litres)                             | 130/130       | 185/185       | 265/265       | 312/312       | 580/580        | 682/682        | 1400/700       |
| Dimensions (W x D x H cm)                     | 53 x 64 x 160 | 60 x 65 x 202 | 75 x 74 x 212 | 75 x 82 x 210 | 150 x 70 x 210 | 150 x 82 x 210 | 225 x 82 x 210 |
| External structure Internal chamber           | W             | W             | W             | S             | S              | S              | S              |
| Insulation                                    | 40            | 50            | 75            | 75            | 75             | 75             | 75             |
| Feet                                          | 4             |               |               | 4             | 4              | 4              | 6              |
| Rollers                                       |               | 4             | 4             |               |                |                |                |
| Door                                          | 2             | 2             | 2             | 2             | 2              | 2              | 3              |
| Internal lighting                             | • / •         | • / •         | • / •         | • / -         | • / •          | • / •          | • / •          |
| Shelf                                         | 2 / 2         | 2 / 2         | 2 / 2         | 2 / 2         | 3 / 3          | 3 / 3          | 6 / 3          |
| Digital electronic thermostat with alarm      | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          |
| Control panel xPRO                            | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          |
| Forced-air refrigeration                      | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          |
| Automatic defrosting                          | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          |
| Automatic evaporation of the condensate water | •             | •             | •             | •             | • / •          | • / •          | • / •          |
| Refrigerant                                   | R134A         | R404A         | R404A         | R404A         | R404A          | R404A          | R404A          |
| CFC- and HCFC- free                           | • / •         | • / •         | • / •         | • / •         | • / •          | • / •          | • / •          |
| Voltage                                       | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES MODEL                          | 260   | 370   | 530   | 625   | 1160  | 1365  | 2100  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Shelf                                      | •     | •     | •     | •     | •     | •     | •     |
| Stainless steel wire shelf                 |       |       | •     | •     | •     | •     | •     |
| Wire basket                                |       |       | •     | •     | •     | •     | •     |
| Drawer                                     | •     | •     | •     | •     | •     | •     | •     |
| Drawer dividers                            | •     | •     | •     | •     | •     | •     | •     |
| Drawer front top                           | •     | •     | •     | •     | •     | •     | •     |
| Rollers                                    | •     |       |       |       |       |       |       |
| Castors                                    |       |       |       | •     | •     | •     | •     |
| Door key locking                           | •     | •     | •     | •     | •     | •     | •     |
| Temperature chart recorder                 | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Electronic temperature printer             | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Data-logger function with USB port         | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Ballasted sensor for simulation of product | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Internal electrical socket                 | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| Cable port with cover                      | • / • | • / • | • / • | • / • | • / • | • / • | • / • |
| GSM/GPRS telephone dialer                  | •     | •     | •     | •     | •     | •     | •     |
| Voltage 240V/1ph/60Hz                      | •     | •     | •     | •     | •     | •     | •     |

# REFRIGERATORS



**EVERmed**  
MEDICAL REFRIGERATION 





# MPR

**+2°C +15°C**

MEDICAL-PHARMACEUTICAL  
REFRIGERATOR



MPR 440 - 530 - 625



MPR 2100



MPR 110V



MPR 110H



MPR 130



MPR 270 - 370



MPR 925 - 1160 - 1365



| MODEL                                         | 110V         | 110H         | 130          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
|-----------------------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Capacity (litres)                             | 110          | 110          | 130          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
| Dimensions (W x D x H cm)                     | 62 x 66 x 83 | 90 x 66 x 54 | 53 x 64 x 84 | 60 x 65 x 164 | 60 x 65 x 202 | 60 x 70 x 192 | 75 x 70 x 210 | 75 x 82 x 210 | 120 x 70 x 192 | 150 x 70 x 210 | 150 x 82 x 210 | 225 x 82 x 210 |
| External structure                            | W            | W            | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Internal chamber                              | S            | S            | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Insulation                                    | 40           | 40           | 40           | 50            | 50            | 50            | 75            | 75            | 50             | 75             | 75             | 75             |
| Feet                                          | 4            | 4            | 4            |               |               | 4             | 4             | 4             | 4              | 4              | 4              | 6              |
| Rollers                                       |              |              |              | 4             | 4             |               |               |               |                |                |                |                |
| Glass door                                    | 1            | 1            | 1            | 1             | 1             | 1             | 1             | 1             | 2              | 2              | 2              | 3              |
| Internal lighting                             |              |              | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Shelf                                         | 1            | 1            | 2            | 2             | 3             | 3             | 3             | 3             | 6              | 6              | 6              | 9              |
| Digital electronic thermostat with alarm      | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Control panel xPRO                            | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Forced-air refrigeration                      | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic defrosting                          | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic evaporation of the condensate water | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Refrigerant                                   | R134A        | R134A        | R134A        | R404A         | R404A         | R404A         | R404A         | R404A         | R404A          | R404A          | R404A          | R404A          |
| CFC- and HCFC-free                            | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Voltage                                       | 230/1/50     | 230/1/50     | 230/1/50     | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES                                | 110V | 110H | 130 | 270 | 370 | 440 | 530 | 625 | 925 | 1160 | 1365 | 2100 |
|--------------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| Shelf                                      | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Stainless steel wire shelf                 |      |      |     |     |     |     | •   | •   |     | •    | •    | •    |
| Wire basket                                |      |      |     |     |     |     | •   | •   |     | •    | •    | •    |
| Drawer                                     | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer dividers                            | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer front top                           | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Rollers                                    | •    | •    | •   |     |     |     |     |     |     |      |      |      |
| Castors                                    |      |      |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Door key locking                           | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Temperature chart recorder                 | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Electronic temperature printer             | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Data-logger function with USB port         | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Ballasted sensor for simulation of product | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Internal electrical socket                 | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Cable port with cover                      | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Internal spark-proofing                    |      |      |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Double groupe frigorifique                 |      |      |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| GSM/GPRS telephone dialer                  | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Voltage 240V/1ph/60Hz                      | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |



# LR

0°C +15°C

## LABORATORY REFRIGERATOR



LR 2100



LR 130



LR 270



LR 370 - 440 - 530 - 625



LR 925 - 1160 - 1365



| MODEL                                         | 130          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
|-----------------------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Capacity (litres)                             | 130          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
| Dimensions (W x D x H cm)                     | 53 x 64 x 84 | 60 x 65 x 164 | 60 x 60 x 192 | 60 x 70 x 192 | 75 x 70 x 210 | 75 x 82 x 210 | 120 x 70 x 192 | 150 x 70 x 210 | 150 x 82 x 210 | 225 x 82 x 210 |
| External structure                            | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Internal chamber                              | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Insulation                                    | 40           | 50            | 50            | 50            | 75            | 75            | 50             | 75             | 75             | 75             |
| Feet                                          | 4            |               | 4             | 4             | 4             | 4             | 4              | 4              | 4              | 6              |
| Rollers                                       |              | 4             |               |               |               |               |                |                |                |                |
| Insulated door                                | 1            | 1             | 1             | 1             | 1             | 1             | 2              | 2              | 2              | 3              |
| Internal lighting                             | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Shelf                                         | 2            | 2             | 3             | 3             | 3             | 3             | 6              | 6              | 6              | 9              |
| Digital electronic thermostat with alarm      | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Control panel xPRO                            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Forced-air refrigeration                      | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic defrosting                          | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic evaporation of the condensate water | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Refrigerant                                   | R134A        | R404A         | R404A         | R404A         | R404A         | R404A         | R404A          | R404A          | R404A          | R404A          |
| CFC- and HCFC- free                           | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Voltage                                       | 230/1/50     | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES                                | 130 | 270 | 370 | 440 | 530 | 625 | 925 | 1160 | 1365 | 2100 |
|--------------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| Shelf                                      | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Stainless steel wire shelf                 |     |     |     |     | •   | •   |     | •    | •    | •    |
| Wire basket                                |     |     |     |     | •   | •   |     | •    | •    | •    |
| Drawer                                     | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer dividers                            | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer front top                           | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Rollers                                    | •   |     |     |     |     |     |     |      |      |      |
| Castors                                    |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Door key locking                           | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Temperature chart recorder                 | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Electronic temperature printer             | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Data-logger function with USB port         | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Ballasted sensor for simulation of product | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Internal electrical socket                 | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Cable port with cover                      | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Internal spark-proofing                    |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Double groupe frigorifique                 |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| GSM/GPRS telephone dialer                  | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Voltage 240V/1ph/60Hz                      | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |



# BBR

## +4°C

### BLOOD BANK REFRIGERATORS

BBR 925 - 1160 - 1365



BBR 2100



BBR 110V



BBR 110H



BBR 130



BBR 270 - 370



BBR 440 - 530 - 625



| MODEL                                             | 110V         | 110H         | 130          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
|---------------------------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Capacity (litres)                                 | 110          | 110          | 130          | 270           | 370           | 440           | 530           | 625           | 925            | 1160           | 1365           | 2100           |
| Dimensions (W x D x H cm)                         | 62 x 66 x 83 | 90 x 66 x 54 | 53 x 64 x 94 | 60 x 65 x 164 | 60 x 65 x 202 | 60 x 70 x 192 | 75 x 70 x 210 | 75 x 82 x 210 | 120 x 70 x 192 | 150 x 70 x 210 | 150 x 82 x 210 | 225 x 82 x 210 |
| External structure                                | W            | W            | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Internal chamber                                  | S            | S            | W / S        | W / S         | W / S         | W / S         | W / S         | W / S         | W / S          | W / S          | W / S          | W / S          |
| Insulation                                        | 40           | 40           | 40           | 50            | 50            | 50            | 75            | 75            | 50             | 75             | 75             | 75             |
| Feet                                              | 4            | 4            | 4            |               |               | 4             | 4             | 4             | 4              | 4              | 4              | 6              |
| Rollers                                           |              |              |              | 4             | 4             |               |               |               |                |                |                |                |
| Glass door                                        | 1            | 1            | 1            | 1             | 1             | 1             | 1             | 1             | 2              | 2              | 2              | 3              |
| Internal lighting                                 |              |              | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Shelf                                             | 2            | 2            | 3            | 4             | 6             | 6             | 7             | 7             | 12             | 14             | 14             | 21             |
| Blood bags                                        | 48           | 48           | 81           | 96            | 144           | 180           | 280           | 336           | 360            | 560            | 672            | 1008           |
| Control panel xPRO and Temperature chart recorder | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Forced-air refrigeration                          | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic defrosting                              | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Automatic evaporation of the condensate water     | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Refrigerant                                       | R134A        | R134A        | R134A        | R404A         | R404A         | R404A         | R404A         | R404A         | R404A          | R404A          | R404A          | R404A          |
| CFC- and HCFC-free                                | •            | •            | •            | •             | •             | •             | •             | •             | •              | •              | •              | •              |
| Voltage                                           | 230/1/50     | 230/1/50     | 230/1/50     | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50      | 230/1/50       | 230/1/50       | 230/1/50       | 230/1/50       |

W=White S=Stainless steel

| ACCESSORIES                                | 110V | 110H | 130 | 270 | 370 | 440 | 530 | 625 | 925 | 1160 | 1365 | 2100 |
|--------------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| Drawer dividers                            | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Drawer front top                           | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Rollers                                    | •    | •    | •   |     |     |     |     |     |     |      |      |      |
| Castors                                    |      |      |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Door key locking                           | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Electronic temperature printer             | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Data-logger function with USB port         | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Ballasted sensor for simulation of product | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Internal electrical socket                 | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Double groupe frigorifique                 |      |      |     | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Door                                       |      |      | •   | •   |     | •   | •   | •   | •   | •    | •    | •    |
| GSM/GPRS telephone dialer                  | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |
| Voltage 240V/1ph/60Hz                      | •    | •    | •   | •   | •   | •   | •   | •   | •   | •    | •    | •    |



# CENTRIFUGES RANGE



**LIA**  
Micro Centrifuges\*  
*Mini, Micro & Labo*



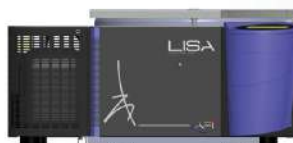
**LINA**  
Research Centrifuge  
*Micro & multifonction*



**SIRENA**  
Centrifuge *MultiLab*  
0.6 L



**ISA**  
Clinical centrifuge  
0.6 L



**LISA**  
Centrifuge *MultiLab*  
1.0 L à 2.5 L



**LOREENA**  
Centrifuge *MultiLab*  
1.6 L à 4 L



**KATRINA**  
High Capacity Centrifuge  
12 L

**REGINA**  
High Capacity Centrifuge  
16 L

\*OEM products



## A quick overview

### LIA

Rotor 24 micro tubes  
15 000 Rpm/ 21 380 x g  
Ventilated & Refrigerated  
8 rotors

### LINA

Rotor 48 micro tubes  
Rotor 6x 50mL  
Rotor 6 Micro plates  
23 000 Rpm/ 39 625x g  
Ventilated & Refrigerated  
11 rotors

### SIRENA

24-36 tubes 5/7 mL  
6x 100mL  
18 000 Rpm/ 31514 x g  
Refrigerated  
Interactive display  
Touch screen, 99 programs,  
17 rotors

### ISA

40 tubes 5/7 mL  
6700 Rpm/ 6324 xg  
Ventilated & Refrigerated  
Touch Screen, 99 programs,  
11 rotors

Micro  
Research centers / Veterinaire



Performance  
Research centers / Universities

Compact  
Small laboratories



**High Capacity**  
Blood bank / Industry



Routine  
Hospitals / Medical analysis laboratories

## KATRINA

**12 Liters**

**4900 Rpm/ 7301 x g**

**Refrigerated Floor**

Interactive communication, Touch screen,  
Integral, 6 Rotors

## LOREENA

**108- 200 tubes 5/7 mL / 12x 50 mL**

**16000 Rpm/ 28 335x g**

**Ventilated & Refrigerated & Floor**

Interactive communication,  
Click Spin, Touch Screen,  
15 Rotors

## LISA

**60-92 tubes 5-7 mL/ 8x100mL**

**18 000 Rpm/ 31514 x g**

**Ventilated & Refrigerated**

Interactive Communication, Click Spin, Touch  
Screen, 18 Rotors



# LIA MINI

## Mini Centrifuge BIOLOGY-LINE

### Mini and compact

The **LIA** mini centrifuge is very compact and can be placed on every bench. This way each station will be equipped with its own centrifuge.

### Mini and powerful

The **LIA** mini centrifuge with its high speed of 15000 Rpm/ 15100 x g offers an optimal solution for molecular biological separations.

### Mini and full option

The **LIA** mini centrifuge, despite its small size, has been designed as a large centrifuge. It will provide you with everything you need to make your everyday life easier. The LCD display, the automatic rpm / x g converter as well as all safety features such as automatic door locking, overspeed detection, overheating detection, automatic internal diagnostics are available.



#### Centrifuge Description

**AFI-MINIV-E** **LIA** Mini Centrifuge Ventilated

**Specifications** Angular Rotor

|              |                 |
|--------------|-----------------|
| Max Speed    | 15000rpm        |
| Max RCF      | 15100g          |
| Max Loading  | 12x 2ml         |
| Dim. (HxWxD) | 14x25.5x24.5 cm |
| Weight       | 6kg             |



# ISA

## Centrifuge COMPACT-LINE

### ALL OF A BIG

ISA will be indispensable for your daily laboratory tasks in small offices and hospitals. Up to 40 5/7mL tubes can be centrifuged in dedicated applications.

### POLYVALENT

It is ideal for clinical chemistry but will also find its place in research laboratories with its range of angle rotors 15mL, 50mL, 85mL, no tube can resist it.

### COMPACT

Thanks to its compactness and small size, ISA will be discreet and easy to place on your benches. It will go from 0.4 to 0.6L and thus provide support on a rise in activity.

### SMALL AND CUTE

Its small and cute design will seduce you. The central wheel and large display will make your navigation easier. She will become your best friend.

### CITOLOGY APPLICATION

Citology application is available on ISA, thanks to the dedicated rotor. You can centrifuge 12 simple or double funnels.



| Centrifuge Description |                             |               |
|------------------------|-----------------------------|---------------|
| AFI-CI060V-E           | ISA Centrifuge Ventilated   |               |
| AFI-CI060R-E           | ISA Centrifuge Refrigerated |               |
| AFI-CI060RH-E          | ISA Centrifuge Heated       |               |
| Specifications         | Swing-out rotor             | Angular Rotor |
| Max Speed              | 4500rpm                     | 6700rpm       |
| Max RCF                | 3396g                       | 6331g         |
| Max Loading            | 4x150ml                     | 6x85ml        |
| Dim. (HxWxD)           | 34x39x51cm                  |               |
| Pack dim.              | 47x47x70cm                  |               |
| Weight                 | 40kg                        |               |





# SIRENA

## Multilab Centrifuge PERFORMANCE-LINE

### LOOK FUTURIST

Only SIRENA, with its offbeat look, its extraordinary display contrast and its touch screen, will be able to transport you to the future. To infinity and beyond!

### SIRENA, WE KEEP IN EYE

Only SIRENA, by its blue OK, will confirm that your sample is under control: cold, speed, are respected. Only SIRENA by its green or red circles will tell you whether the cycle is running smoothly or not. You will be notified at more than 7 meters. Only SIRENA with its intuitive flashing symbols will detect the failure and show you the solution.

### PERFORMANCE

Only SIRENA with its wide range of rotors (more than 13 angular rotors) will be your ally for all your research: From microbiology



#### Centrifuge Description

**AFI-C060R-E** SIRENA Centrifuge Refrigerated

| Specifications | Swing-out rotor | Angular Rotor |
|----------------|-----------------|---------------|
| Max Speed      | 4700rpm         | 18000rpm      |
| Max RCF        | 3725g           | 31594g        |
| Max Loading    | 4x150ml         | 8x100ml       |
| T° Range       | -10°C/+40°C     |               |
| Dim. (HxWxD)   | 29x44x72cm      |               |
| Pack dim.      | 47x52x81cm      |               |



# KATRINA 12L Centrifuge

## BLOOD BANK Centrifuge

### NEW GENERATION

The new generation of centrifuge for your blood bank center KATRINA benefits from the experience of AFI, it will easily and safely replace your old centrifuges. Katrina meets all your validated protocols for separating plasma, Buffy coat, red blood cells.

### QUALITY THAT SPEAK FOR ITSELF

The «IDEM» application coupled with PFC (Power Factor Control) technology ensures a reproducibility of your cycles making Katrina an ideal centrifuge for simplified blood processing productivity

### INTERACTIVE COMMUNICATION

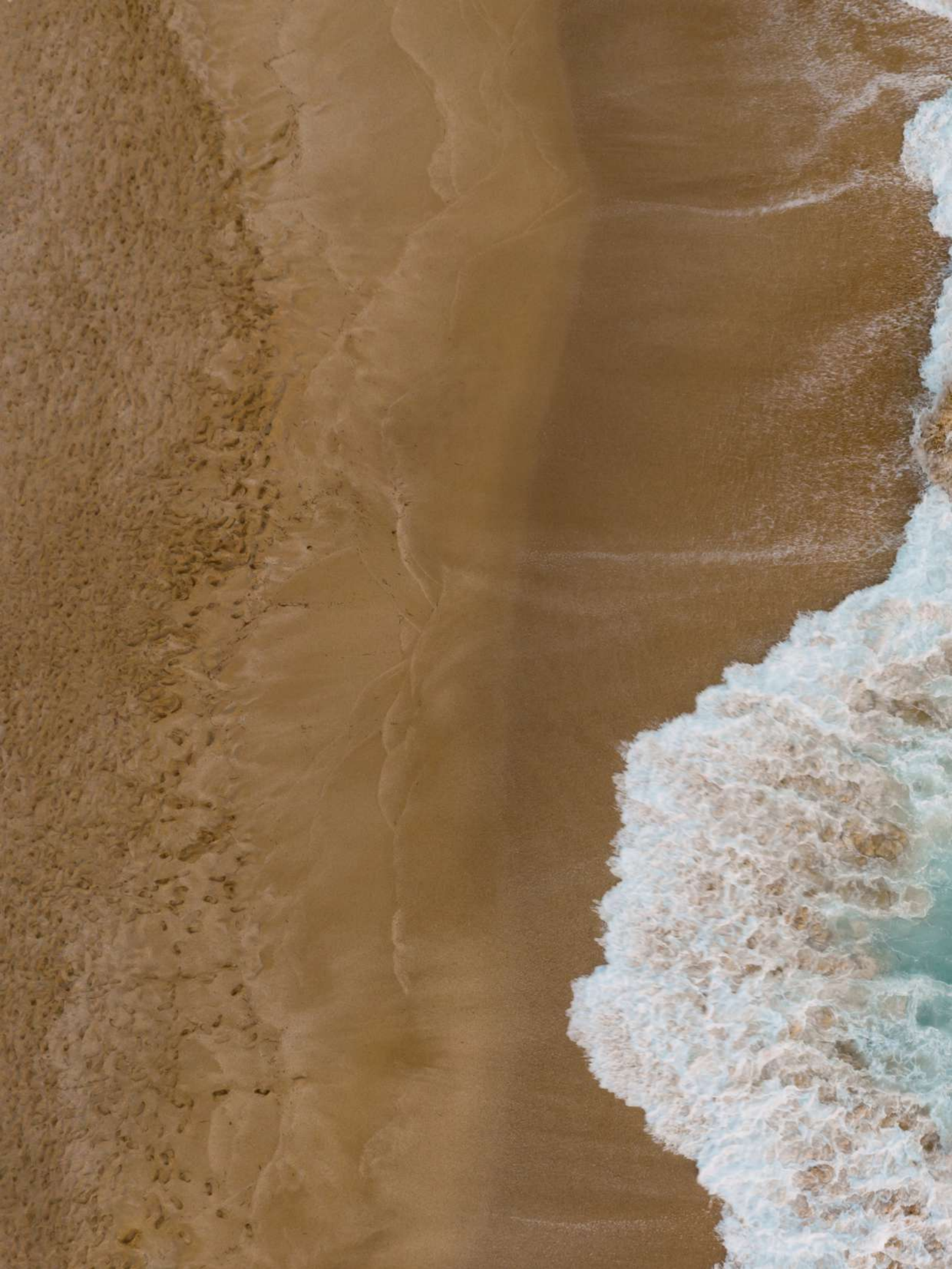
With its large «Smartphone» touch screen colour display, KATRINA ensures interactive communication between you and the machine. Backlit display for better visibility Programming is greatly facilitated by direct access to all cycle parameters in a single window. Compatible with gloved hands.

### SECURITY

User access as password protection of the protocols ensures increased security and efficiency



| Centrifuge              | Description                                 |
|-------------------------|---------------------------------------------|
| <b>AFI-C600R-2P-B12</b> | KATRINA Blood Banking Centrifuge 6x 2000 mL |
| <b>AFI-C600R-2P-B6</b>  | KATRINA Blood Banking Centrifuge 6x950 mL   |
| Specifications          | Swing-out rotor                             |
| Max Speed               | 4900rpm                                     |
| Max RCF                 | 7301 g                                      |
| Max Loading             | 12 Liters                                   |
| T° Range                | -20°C/+40°C                                 |
| Dim. (HxWxD)            | 95x81x96cm                                  |
| Pack dim.               | 114x89x109cm                                |
| Weight                  | 352kg                                       |







## AP-5000

### Advanced multiparameter water quality probe

The AP-5000 package is our largest multiparameter portable water quality monitoring package. The AP-5000 allows you to add an increased number of sensors compared to the smaller AP-2000. Packages include an Aquaprobe, a GPS Aquameter, a 3 meter cable, accessories and some RapidCal calibration solution all housed in a neat carry case for easy storage and transport.

#### Build

All Aquaprobes are made with the same marine grade aluminium, finished in black with hard anodising for excellent corrosion and biofouling resistance. The use of metal, as opposed to plastic, gives our products their characteristic weight and high quality look and feel.

#### Sensors

The AP-5000 comes with all of the common water quality testing sensors pre fitted to the probe:

pH • ORP • Conductivity • TDS • SSG • Resistivity • Salinity  
• Dissolved Oxygen • Depth • Temperature

#### Probes come with 4 empty sockets

The AP-5000 comes with four empty Aux sockets pre-fitted with removable blanking plugs. These sockets allow you to customise your probe by adding in additional sensors. Each socket can house either an Ion Selective Sensor (ISE) or any of our optical sensors



AP-5000 with two sockets exposed and two fitted with blanking plugs.

#### Socket Customisation Options

Aux port 1 -4 can be fitted with any ISE or optical sensor.

There are many different sensors to choose from to customise your probe:

##### ISE Electrode Options:

Ammonium / Ammonia,  
Chloride,  
Nitrate,  
Fluoride,  
Calcium.

##### Optical Electrode Options:

Turbidity,  
Chlorophyll,  
Blue Green Algae,  
Rhodamine,  
Fluorescein,  
Refined Oil,  
CDOM / FDOM.

#### Optical Dissolved Oxygen (DO) Sensor

The AP-5000 has a factory installed and fully calibrated optical DO sensor. The sensor requires much less maintenance than the galvanic version, gives more stable readings and requires cap changes only once every 2-3 years.

Optical DO sensor  
LED's flash during measurement.





## AP-5000 Package

Package comes complete with Aquaprobe, GPS Aquameter, 3m cable, rugged case and accessories. Various cable lengths are available; 10, 20 and 30m as standard.



All cables 20m and over come on a winding reel making them much easier to operate, especially when profiling.

## GPS Aquameter

The GPS Aquameter is a hand held device with a display for live data viewing and data recording. As one of our flagship products it is included in every Aquaprobe package. GPS coordinates are recorded everytime you take a reading. It is designed to be very simple to use and to make your job easier in the field.



## AP-5000 Flowcell

The flowcell for the AP-5000 uses an adaptor that must first be fitted to the probe under the probe sleeve. A flow rate of 30 Litres/hour is ideal, recommended operating pressure is 500mB.

This eliminates air contact with pumped samples from groundwater boreholes allowing truly representative measurements to be obtained.



## AquaLink

Our AquaLink software is free to download from our website's download section. Use this software to download recorded data from your Aquameter, for analysis, reporting and google map creation.

## AquaLink Features

- Simple data download via button
- Tick and un-tick datasets to customise your outputs
- Output a text report for all highlighted data
- Output data as a CSV file that you can open in Excel
- Output data as a .KML file for use in Google Earth



## Specifications

|                       |                            |
|-----------------------|----------------------------|
| Protection Class      | IP68 (permanent immersion) |
| Immersion Depth       | Min 75mm. Max 100m *       |
| Operating Temperature | -5 °C - +70 °C             |
| Dimensions (L x Dia)  | 340mm x 58mm               |
| Weight                | 950g                       |

\*100m submersion for period of 12 hours, 30m submersion suitable for permanent deployment, depth measurement displayed up to 60m on Aquameter.



# Aquaprobe Specifications

| Standard Parameters | Dissolved Oxygen            | Range      | 0 - 500.0% / 0 - 50.00 mg/L                                                       |
|---------------------|-----------------------------|------------|-----------------------------------------------------------------------------------|
|                     |                             | Resolution | 0.1% / 0.01mg/L                                                                   |
|                     |                             | Accuracy   | 0 - 200%: $\pm 1\%$ of reading, 200% - 500%: $\pm 10\%$                           |
|                     | Depth AP-2000 / AP-5000     | Range      | $\pm 0 - 60.00$ m (60m max displayed depth, max probe immersion 100m)             |
|                     |                             | Resolution | 1cm                                                                               |
|                     |                             | Accuracy   | $\pm 0.5\%$ FS                                                                    |
|                     | Depth AP-7000               | Range      | $\pm 0 - 99.99$ m                                                                 |
|                     |                             | Resolution | 1cm                                                                               |
|                     |                             | Accuracy   | $\pm 0.2\%$ FS                                                                    |
|                     | Conductivity (EC)           | Range      | 0 - 200 mS/cm (0 - 200,000 $\mu$ S/cm)                                            |
|                     |                             | Resolution | 3 Auto-range scales: 0 - 9999 $\mu$ S/cm, 10.00 - 99.99 mS/cm, 100.0 - 200.0mS/cm |
|                     |                             | Accuracy   | $\pm 1\%$ of reading                                                              |
|                     | TDS *                       | Range      | 0 - 100,000 mg/L (ppm)                                                            |
|                     |                             | Resolution | 2 Auto-range scales: 0 - 9999mg/L, 10.00 - 100.00g/L                              |
|                     |                             | Accuracy   | $\pm 1\%$ of reading                                                              |
|                     | Resistivity *               | Range      | 5 $\Omega$ • cm - 1 M $\Omega$ • cm                                               |
|                     |                             | Resolution | 2 Auto-range scales: 5 - 9999 $\Omega$ • cm, 10.0 - 1000.0 K $\Omega$ • cm        |
|                     |                             | Accuracy   | $\pm 1\%$ of reading                                                              |
|                     | Salinity *                  | Range      | 0 - 70 PSU / 0 - 70.00 ppt (g/Kg)                                                 |
|                     |                             | Resolution | 0.01 PSU / 0.01 ppt                                                               |
|                     |                             | Accuracy   | $\pm 1\%$ of reading                                                              |
|                     | Seawater Specific Gravity * | Range      | 0 - 50 ct                                                                         |
|                     |                             | Resolution | 0.1 ct                                                                            |
|                     |                             | Accuracy   | $\pm 1.0$ ct                                                                      |
|                     | pH                          | Range      | 0 - 14 pH / $\pm 625$ mV                                                          |
|                     |                             | Resolution | 0.01 pH / $\pm 0.1$ mV                                                            |
|                     |                             | Accuracy   | $\pm 0.1$ pH / $\pm 5$ mV                                                         |
|                     | ORP                         | Range      | $\pm 2000$ mV                                                                     |
|                     |                             | Resolution | 0.1mV                                                                             |
|                     |                             | Accuracy   | $\pm 5$ mV                                                                        |
|                     | Temperature (non freezing)  | Range      | -5°C - +50°C (23°F - 122°F)                                                       |
|                     |                             | Resolution | 0.01°C / 0.1°F                                                                    |
|                     |                             | Accuracy   | $\pm 0.5$ °C                                                                      |

\* Readings calculated from EC and temperature electrode values

| ISE | Ammonium             | Range      | 0 - 9,000mg/L (ppm)                                           |
|-----|----------------------|------------|---------------------------------------------------------------|
|     |                      | Resolution | 2 Auto-range scales: 0.00 - 99.99 mg/L, 100.0 - 8,999.9 mg/L  |
|     |                      | Accuracy   | $\pm 10\%$ of reading or 2ppm (whichever is greater)          |
|     | Ammonia <sup>†</sup> | Range      | 0 - 9,000mg/L (ppm)                                           |
|     |                      | Resolution | 2 Auto-range scales: 0.00 - 99.99 mg/L, 100.0 - 8,999.9 mg/L  |
|     |                      | Accuracy   | $\pm 10\%$ of reading or 2ppm (whichever is greater)          |
|     | Chloride             | Range      | 0 - 20,000mg/L (ppm)                                          |
|     |                      | Resolution | 2 Auto-range scales: 0.00 - 99.99 mg/L, 100.0 - 19,999.9 mg/L |
|     |                      | Accuracy   | $\pm 10\%$ of reading or 2ppm (whichever is greater)          |
|     | Fluoride             | Range      | 0 - 1,000mg/L (ppm)                                           |
|     |                      | Resolution | 2 Auto-range scales: 0.00 - 99.99 mg/L, 100.0 - 999.9 mg/L    |
|     |                      | Accuracy   | $\pm 10\%$ of reading or 2ppm (whichever is greater)          |
|     | Nitrate              | Range      | 0 - 30,000mg/L (ppm)                                          |
|     |                      | Resolution | 2 Auto-range scales: 0.00 - 99.99 mg/L, 100.0 - 29,999.9 mg/L |
|     |                      | Accuracy   | $\pm 10\%$ of reading or 2ppm (whichever is greater)          |
|     | Calcium              | Range      | 0 - 2,000mg/L (ppm)                                           |
|     |                      | Resolution | 2 Auto-range scales: 0.00 - 99.99 mg/L, 100.0 - 1,999.9 mg/L  |
|     |                      | Accuracy   | $\pm 10\%$ of reading or 2ppm (whichever is greater)          |

† Ammonium electrode required. Readings calculated from ammonium, pH and temperature values.

| Optical | Turbidity                    | Range         | 0 - 3000 NTU                                                            |
|---------|------------------------------|---------------|-------------------------------------------------------------------------|
|         |                              | Resolution    | 2 Auto-range scales: 0.0 - 99.9 NTU, 100 - 3000 NTU                     |
|         |                              | Accuracy      | $\pm 5\%$ of auto-ranged scale                                          |
|         | Chlorophyll                  | Range         | 0 - 500.0 $\mu$ g/L (ppb)                                               |
|         |                              | Resolution    | 2 Auto-range scales: 0.00 - 99.99 $\mu$ g/L, 100.0 - 500.0 $\mu$ g/L    |
|         |                              | Repeatability | $\pm 5\%$ of reading                                                    |
|         | Phycocyanin (freshwater BGA) | Range         | 0 - 300,000 cells/mL                                                    |
|         |                              | Resolution    | 1 cell/mL                                                               |
|         |                              | Repeatability | $\pm 10\%$ of reading                                                   |
|         | Phycerythrin (marine BGA)    | Range         | 200,000 cells/mL                                                        |
|         |                              | Resolution    | 1 cell/mL                                                               |
|         |                              | Repeatability | $\pm 10\%$ of reading                                                   |
|         | Rhodamine WT Dye             | Range         | 0 - 500 $\mu$ g/L (ppb)                                                 |
|         |                              | Resolution    | 2 Auto-range scales: 0.00 - 99.99 $\mu$ g/L, 100.0 - 500.0 $\mu$ g/L    |
|         |                              | Accuracy      | $\pm 5\%$ of reading                                                    |
|         | Fluorescein Dye              | Range         | 0 - 500 $\mu$ g/L (ppb)                                                 |
|         |                              | Resolution    | 2 Auto-range scales: 0.00 - 99.99 $\mu$ g/L, 100.0 - 500.0 $\mu$ g/L    |
|         |                              | Accuracy      | $\pm 5\%$ of reading                                                    |
|         | Refined Oil                  | Range         | 0 - 10,000 $\mu$ g/L (ppb) (Naphthalene)                                |
|         |                              | Resolution    | 0.1 $\mu$ g/L                                                           |
|         |                              | Repeatability | $\pm 10\%$ of reading                                                   |
|         | CDOM / FDOM                  | Range         | 0 - 20,000 $\mu$ g/L (ppb) (Quinine Sulphate)                           |
|         |                              | Resolution    | 2 Auto-range scales: 0.0 - 9,999.9 $\mu$ g/L, 10,000 - 20,000 $\mu$ g/L |
|         |                              | Repeatability | $\pm 10\%$ of reading                                                   |

# Laboratory Solutions

*stuart*

*Jenway*

*electrothermal*

TECHNE

PCR<sup>max</sup>



**Cole-Parmer®**  
scientific experts



## stuart®

A comprehensive range of robust,  
versatile, intuitive and clean\*  
essentials

### Hotplate Stirrer



- Built for safety
- Customisable with an online configurator
- Choice of model type, interface, surface & colour

### Melting Point Apparatus



- Highly accurate apparatus
- Designed to identify the melting point of three samples simultaneously
- Advanced digital image recording

### Agitators



- Tube rollers
- Rotators
- Shakers
- Rockers

### Incubators



- Hybridisation, Microplate, Shaker, & Incubator combinations
- Rotisserie & rocking
- Accurate controls

### Evaporators



- Sample concentrators
- Rotary evaporators
- Efficient concentration or separation

### Water Stills



- Single or double distilled water
- Economical Stills to high purity Water Stills

## Jenway®

Built for ease of use – products for  
material or physical testing and  
water quality analysis

### CPLive-Enabled Spectrophotometers



- CPLive™ enabled
- Remote access
- Visible & UV/Vis
- Single & split beam units

### Micro-Volume Spectrophotometer



- Small volumes of biological samples (0.5 µL)
- Capable of DNA, RNA, & protein measurements

### Conductivity Meters



- Ideal for conductivity, TDS, resistivity & salinity
- Automatic standard recognition
- Easy to calibrate

### Dissolved Oxygen Meters



- High accuracy
- Salinity & barometric pressure compensation

### Flame Photometer



- Accurate for determining certain ion concentrations
- Low temperature single channel

### pH Meters



- Advanced benchtop meters
- Three decimal point resolution
- Automatic recognition for DIN, IIS & NIST buffers



Market leading heating products.  
Over 70 years of experience and  
known for safety

#### Electric Bunsen



- Safe alternative to gas bunsen burners
- Ready to use out of the box
- Clean & easy operation

#### Heating Mantles



- Chemical resistant
- Cool-to-touch
- Coiled flexible heating element to optimise heat transfer

#### Histology Range



- A range of histology products ideal for tissue-based diagnostics

#### Heating Tapes



- Flexible tape delivering fast & efficient direct contact heating
- Grounded for safety

#### Integrity 10



- Runs ten independent experiments at once
- Capable of controlling temperatures & stir rate in each cell

#### Melting Point Apparatus



- Fast & easy measurement of up to three samples
- Ergonomically designed
- Resolution of  $\pm 0.1^{\circ}\text{C}$



Established in temperature control  
equipment and  
life science essentials

#### Prime Thermal Cyclers



- High performance
- Peltier effect gives uniform heating
- Heated lid prevents condensation

#### Prime Pro qPCR



- 96 well instrument
- Fast cycling - 40 cycles in 20 minutes
- $\pm 0.1^{\circ}\text{C}$  temperature uniformity

#### Dri-Blocks™



- Versatile range of interchangeable heating blocks
- Excellent temperature accuracy

#### Gelation Timer



- Accurate timing for resins & adhesives for quality control
- Automatically stops when gelation occurs

#### Sample Concentrator



- Quickly & easily concentrate multiple samples in one block
- Variable needle position

#### Baths & Thermoregulators



- Fluidised sand baths
- Unheated water baths
- Refrigerated baths
- Liquid calibration baths
- Precise temperature control



# PCR<sup>max</sup>

**A market leaders in PCR – outstanding temperature stability and innovative technology**

## Eco 48 real-time qPCR

- Fastest, uniform, real-time 48-well system on the market
- Temperature accuracy of  $\pm 0.1^{\circ}\text{C}$ . MIQE compliant



Eco 48 Real-time Thermal Cycler action

## Alpha Thermal Cyclers 1, 2, & 4

- Compact units delivering reproducible results
- Independently control block for simplified temperature & space optimisation



Alpha Thermal Cycler Family

## DeltaSeek PCR reagents

- 600 qPCR lyophilised detection/speciation kits
- One protocol applies to all
- 150 reactions per kit, available with & without mastermix



## Arcis Sample prep

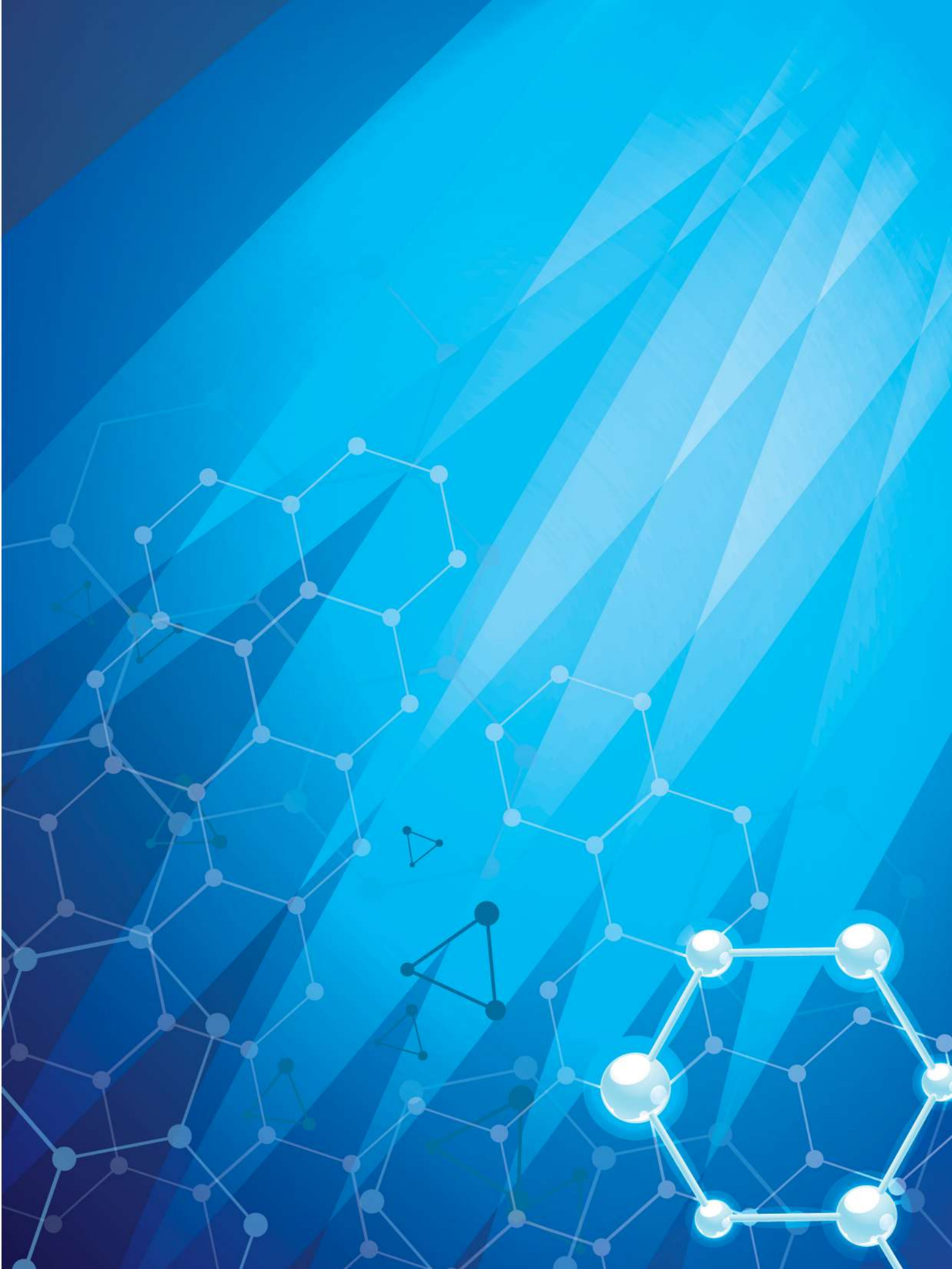
- Arcis Sample Prep compliments the PCRmax range
- Kits yield amplifiable nucleotide extraction (DNA/RNA) & stabilisation, at room temperature, in 3 minutes



## About Cole-Parmer

Since 1955, Cole-Parmer has been a leading global source of Fluid Handling, Test & Measurement and Biosciences products, instrumentation, equipment and supplies. We are proven experts in the fields of temperature measurement, spectroscopy, fluid handling, sample preparation & handling and chromatography. Our products & instruments are used extensively in the industrial, pharmaceutical, life sciences, environmental and food & beverage industries. Our portfolio of unique industry-leading brands includes Argos Technologies®, Digi-Sense®, Electrothermal®, Environmental Express®, Ismatec®, Jenway®, Kinesis®, Masterflex®, Oakton®, PCRmax®, Stuart®, Techne®, TELOS®, Traceable®, Vaplock™ and a wide range of private-label products.

Cole-Parmer is globally renowned for our highly responsive customer service and experienced Application Specialists providing exceptional technical support. Pipette Service and Calibration and Instrument Service facilities are also available in our North America and European locations.





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