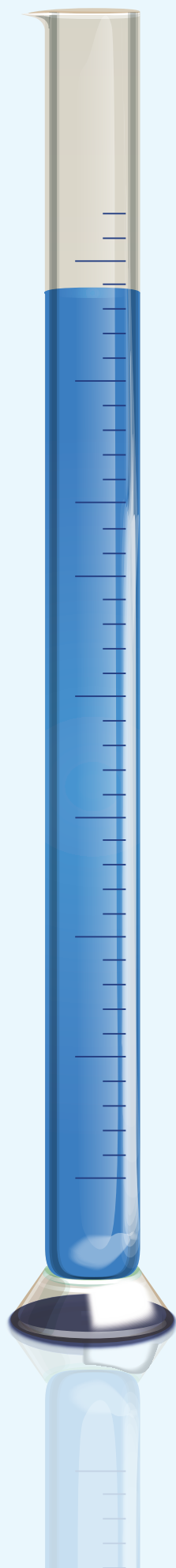


LAB

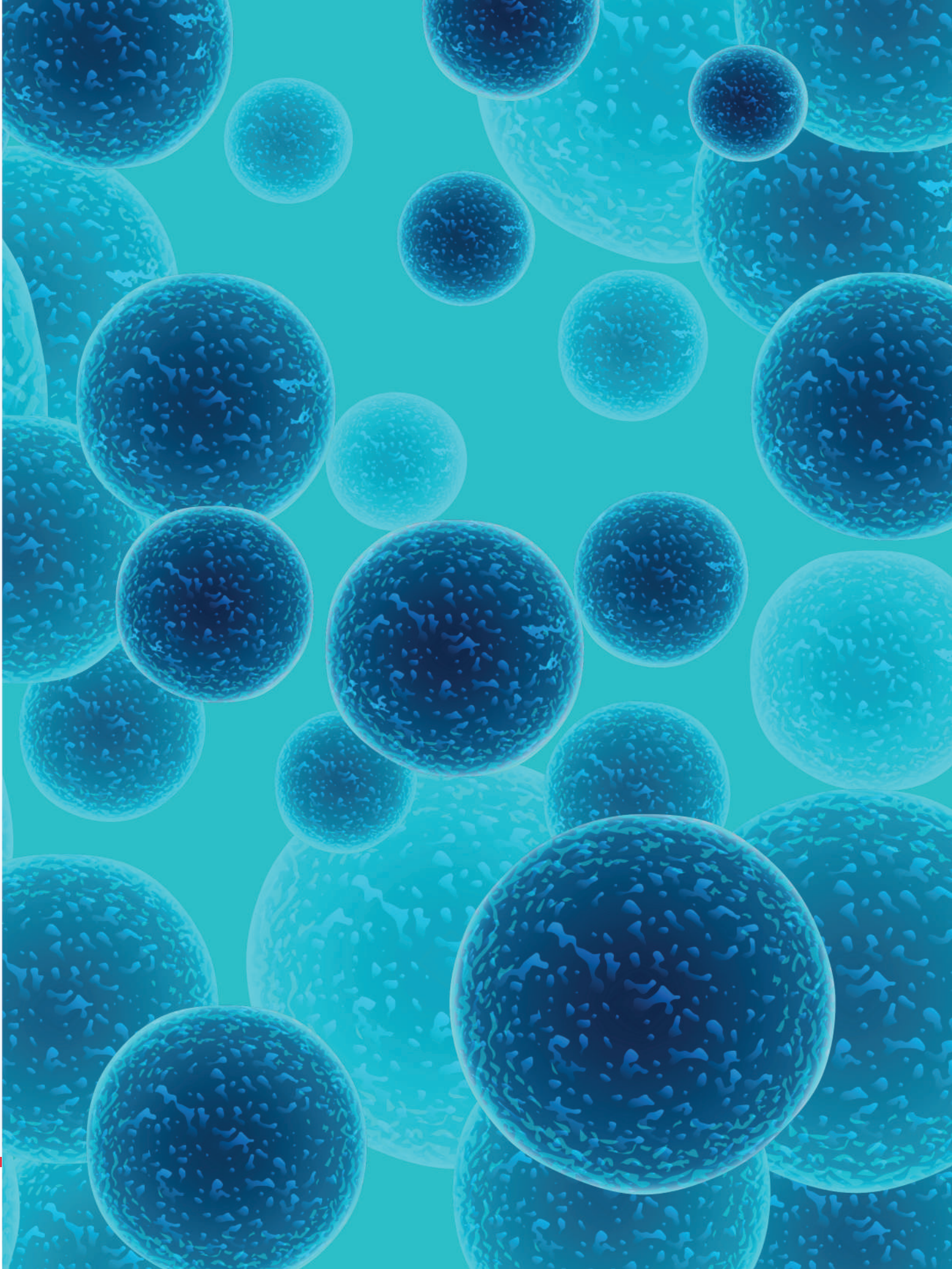
CATALOG



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60	 COLD THAT CARES
82	
89	
90	 JS Research Inc.
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93	 PART OF Tuttnauer LTD.
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MAGLUMI[®] X3

Fully-auto Chemiluminescence Immunoassay (CLIA) System

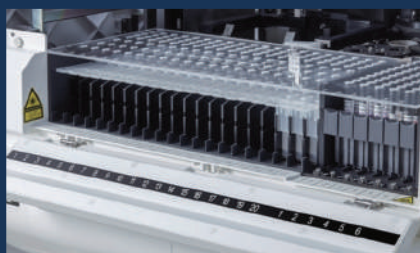


Save Your Space without Compromise

Powerful Performance and Compact Design
Compatible with Small and Medium-sized Hospitals and Labs

Features & Benefits:

- Small but powerful, the throughput is up to 200 tests/hour, and throughput per unit area is 294 T/h/m².
- Compatible with all MAGLUMI® reagents, one of the broadest automated CLIA test menus in the world (211 parameters).
- The latest intelligent washing technology and bidirectional temperature control measurement guarantee accurate and reliable results.
- The comprehensive advanced design of MAGLUMI® X3 etmance.
- Single reaction cup can avoid light pollution and increase cuvette utilization, its integrated packaging can avoid the stuck of the cuvette and destroying the cuvette wall.
- No-pause loading/unloading of reagents/samples/reaction cups without waiting or interrupting tests.



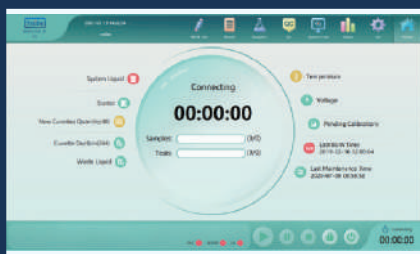
Reagent and Sample Loading

- 72 sample positions with barcode reader.
- Sample in each position can be defined as STAT.
- 20 reagent positions with RFID reader, 24h refrigerated at 10°C (±3°C).
- No-pause loading/unloading of reagents/samples/reaction cups without waiting or interrupting tests.
- Reagent and sample indicator light available, real-time status monitoring, no need to check on the computer monitor.



Single Reaction Cup with Integrated Packaging

- Single reaction cup can avoid light pollution and increase the cuvette utilization.
- Single reaction cup with integrated packaging can avoid the stuck of the cuvette and destroying the cuvette wall



Intelligent UI Interface

- New user-friendly UI interface (Support multi-language).
- Real-time display for monitoring each test procedure, reagent, and consumable quantities, it's convenient for the management.
- Intelligent error recovery.



Convenient Management of Analyzer Status

- Intuitive indicator light of reagent, sample, and consumables, no need to focus on the monitor, the status can be known by looking at the analyzer from a distance.

Reagent and Consumables:



Reagent Kit



Reaction Cup



Starter 2+1



Light Check



Wash Concentrate



System Tubing Cleaning Solution

Features & Benefits:

Main Features

- ~ Throughput: up to 200 tests/hour
- ~ 24 hours ready to use

Reagent Loading

- ~ 20 reagent positions on board with no-pause loading/unloading
- ~ 24-hour refrigerated, constant at 10°C ($\pm 3^{\circ}\text{C}$) in reagent area
- ~ RFID reading all information of reagent

Sample Loading

- ~ Up to 72 sample positions
- ~ No-pause loading/unloading, STAT available
- ~ Barcode recognition: Barcode reader available
- ~ Types of sample tube: micro sample cup, blood collection tube, plastic test tub

Reagent Features

- ~ MAGLUMI® reagent kits are compatible with all MAGLUMI® analyzers
- ~ Calibrators and internal controls included

Dimensions & Weight

- ~ Dimensions: 78 (h) × 90 (w) × 75 (d) cm
- ~ Weight: 127 kg





MAGLUMI[®] X6

Fully-auto Chemiluminescence Immunoassay Analyzer



450 Test/Hour

Flexible CLIA Solution
For Medium/High-volume Laboratory

Top 10 Highlights of MAGLUMI® X6

1. Throughput up to 450 T/H — One of the highest throughput analyzer with the same size.
2. Flexible sample positions design, from 112 to 412 which just require small upgrading.
3. Dual-mode wash liquid preparation — Automatic or manual based on multiple scenarios.
4. No-pause sample loading/unloading design and STAT mode to avoid wasting your time.
5. Up to 2000 walk-away tests to avoid high frequency of manual intervention.
6. "One-side operations" design to save your working space.
7. Intelligent SnibeLinker™ remote service solution to ensure the fast response.
8. MAGLUMI® reagent kits are compatible with all MAGLUMI® series analyzers.
9. Intelligent UI interface, user-friendly, easy and convenient operation.
10. Four key technology design of MAGLUMI® X6 guarantee accurate and reliable results



Function Modules

Based on X-Tech, gives you more possibility

- ~ Throughput: 450 T/H
- ~ On board capability: 412/112 samples
- ~ Throughput per unit area: up to 320 T/H/m²
- ~ Reagent position: 30
- ~ Walk-away tests: up to 2000 tests
- ~ Cuvettes loading in one time: up to 2002
- ~ Dimensions: 155*94*148.2 cm
- ~ Weight: 450 kg



Multiple Expansion Solution

- ~ 112 sample positions, up to 412 sample positions with expansion
- ~ Capable to link laboratory automation system
- ~ Multiple X6 units can be connected



MAGLUMI[®] X8

Fully Automatic Chemiluminescence Immunoassay (CLIA) System



The Fastest CLIA Solution



Advantages of MAGLUMI® X8

High throughput

- ~ Throughput: up to 600 tests/hour (Single module)
- ~ Up to 2400 tests/hour (Four modules combined)

High capacity

- ~ Sample positions: 300
- ~ Reagent Position: 42
- ~ Up to 2800 walk-away tests



Sample Loading

- ~ Up to 300 sample positions
- ~ Continuous loading, STAT function available
- ~ Auto remeasuring function, auto dilution function
- ~ Sample editing mode:
Lis connection, barcode recognition, auto named, manual editing



Reagent Area

- ~ 42 reagent positions on board
- ~ Continuous loading
- ~ RFID technology
- ~ 24-hour refrigerated
- ~ Working Temp. 8°C-12°C, Storage Temp. 2°C-8°C

Features & Benefits:

Main Features

- ~ Throughput: up to 600 tests/hour (Single module)
- ~ Time to first result: 15 minutes
- ~ 24 hours ready to use
- ~ Up to 2800 walk-away tests
- ~ Modular Expanding Flexibility:

001 *Capable to integrated several modules including Snibe Immunoassay, Biochemistry and ISE module

*Capable to link with Laboratory Automation System (TLA/LAS)

Reagent Loading

- ~ 42 reagent positions on board
- ~ Continuous loading
- ~ RFID technology
- ~ 24-hour refrigerated
- ~ Working Temp. 8°C-12°C, Storage Temp. 2°C-8°C

Reaction Disk

- ~ Incubating 252 cuvettes simultaneously

Tip Storage

- ~ Up to 576 TIPS loaded one time (6 boxes)

Cuvette Storage

- ~ Up to 2912 cuvettes loaded one time (16 boxes)

Dimensions & Weight

- ~ Input: AC 100-240V, 50/60Hz
- ~ 192*118*150 (cm), 670Kg



Biolumi® CX8

Integrated System



Flexible & Compact System
Simplify Your Lab Operations

Specifications:

Sample Area	Sample type	Serum, Plasma, Whole blood, Urine, CSF
	Sample position	300
	Sample recognition	Barcode
Biochemistry Module	Throughput	1600 T/H
	Reaction cuvettes	362 cuvettes in total: 181 cuvettes each for two segments
	Reagent position	72 positions each for R1 and R2
	Sample volume	1.5 μ L $\sim$ 25.0 μ L (0.1 μ L increments)
	Sample probe	Clot detection, liquid detection, collision detection and auto-cleaning
	Reagent volume	20 μ L $\sim$ 250 μ L (1 μ L increments)
	Reagent probe	Liquid detection, collision detection and auto-clearing
	Reaction volume	80 μ L $\sim$ 250 μ L
	Reaction time	10min, 22min
	Reaction temperature	37.0 C° $\pm$ 0.2C° (with the fluctuation not greater than 0.1C°)
	Light Source	12 V, 100 W halogen lamp
	Wavelength accuracy	13 fixed wavelengths (340,380, 405, 450, 480, 505, 546, 570,600, 660, 700, 750, 800 nm)
Immunoassay Module	Throughput	Up to 600 T/H
	Walk-away tests/time	2800 Tests
	Reagent position	42
	Sample volume	10 μ L $\sim$ 280 μ L
	Sample probe	Liquid detection, clot detection, bubble detection, collision detection and volume tracking
	Reagent volume	10 μ L $\sim$ 450 μ L
	Reagent probe	Auto-clearing, Liquid detection, collision detection and volume tracking
	Reagent area	Working temperature: 8C° $\sim$ 12C° Storage temperature: 2C° $\sim$ 8C°
	Reaction cuvette number	2912/5824
	Reaction temperature	37.0C° $\pm$ 0.3C° (with the fluctuation not greater than 0.1C°)
	Disposable tip number	576/1152
ISE Module	Sample volume	90 μ L
	Information recognition	RFID
	Reagent type	Calibrator A, Calibrator B
	Electrode type	K ⁺ , Na ⁺ , Cl ⁻ , iCa ²⁺ , pH, reference electrode

Functional Modules:



Multidimensional Indicator Lights

Consumable indicators: confirming if the consumables remain sufficient

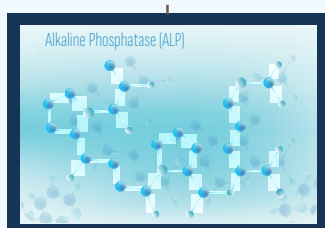
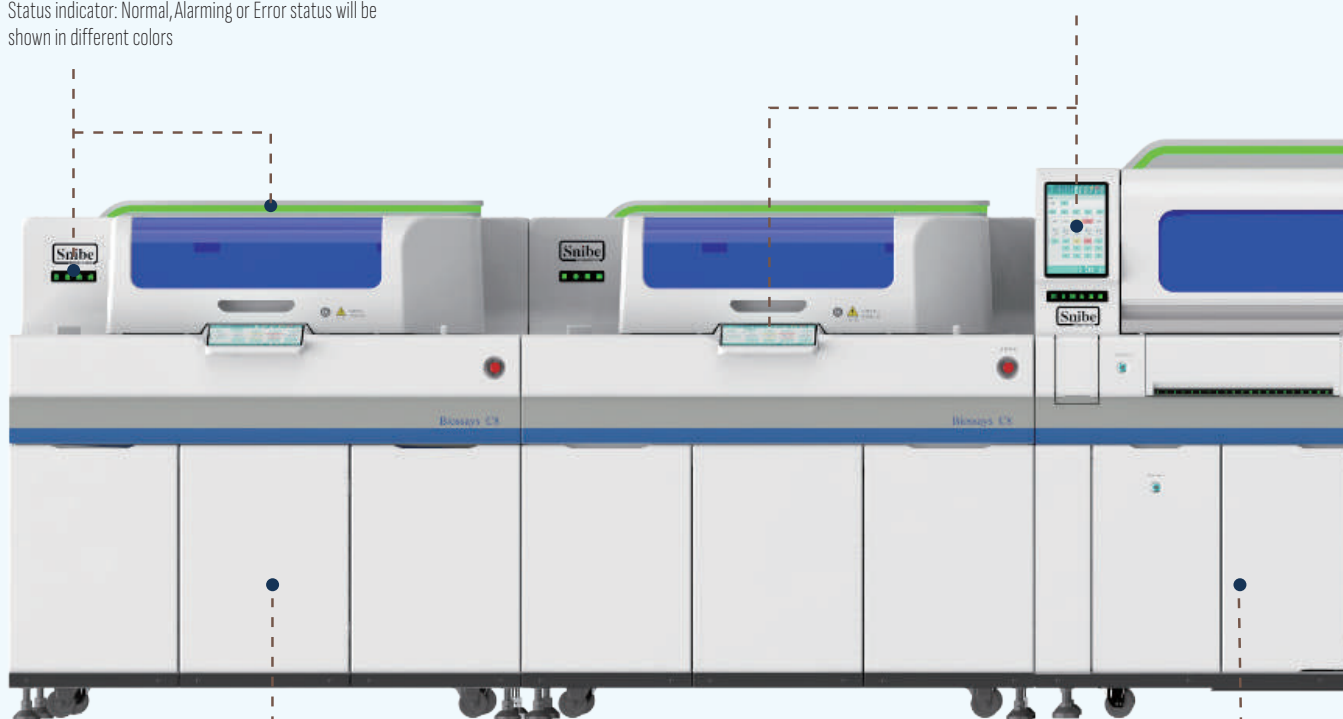
Status indicator: Normal, Alarming or Error status will be shown in different colors



Built-in Operating Touchpad

Real-time monitoring of reagents, consumables and waste

Replacing reagent and consumables through the touch screen



Biossays® C8 Module

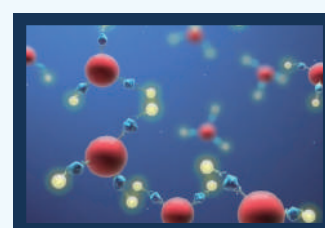
Throughput: 1600 T/H (BIO), 300T/H (ISE)

10-step washing technology and independent agitation mechanism ensures thorough washing

Micro-sampling technology ensures the sampling accuracy of low-volume sample (1.5 µL)

Full spiral mixing with adjustable speed

Stable light source lamp and high-quality grating technology



MAGLUMI® X8 Module

Throughput: 600 T/H

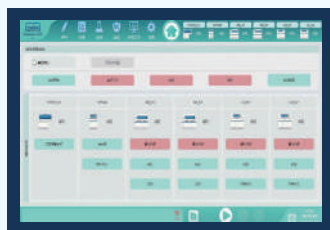
Up to 2800 walk-away tests

No cross-contamination sampling and one pipetting for multiple tests technology

360° constant incubation technology

4-step high-efficiency washing unit

Stable and accurate measurement



Intelligent Software

Smart maintenance with step-by-step guidance

Bidirectional LIS connection by TCP/IP or COM

Result system including functions of viewing, searching, deleting, detail viewing, retesting, uploading to LIS, recalculating and printing



Decapper Module

General throughput up to 400 T/H

Safe operation with fully enclosed design

UV irradiation in one-click, easy to operate

Automatically decap and re-cap with the original caps

High throughput and space efficiency, suitable for different hospitals and laboratories



Sample Area

300 sample positions

Supporting multiple sample types

Storing and transporting samples

Continuous loading, STAT rack can be self-defined

Indicator light shows sample status



			
C8-X8			
	Biochemistry	Immunoassay	ISE
Throughput	1600 T/H	600 T/H	300 T/H
Dimension	326*118*150 cm		

				
C8 + X8 +Decapper				
	Biochemistry	Immunoassay	ISE	Decapper
Throughput	1600 T/H	600 T/H	300 T/H	500 tubes/h (Decapping)
				400 tubes/h (Re-capping)
Dimension	385*118*150 cm			

			
C8*2-X8*2			
	Biochemistry	Immunoassay	ISE
Throughput	3200 T/H	1200 T/H	600 T/H
Dimension	608*118*150 cm		

				
C8*2 - X8*2 - Decapper				
	Biochemistry	Immunoassay	ISE	Decapper
Throughput	3200 T/H	1200 T/H	600 T/H	500 tubes/h (Decapping)
				400 tubes/h (Re-capping)
Dimension	666*118*150 cm			

MAGLUMI® CLIA Test Menu with 256 Parameters

Thyroid TSH (3rd Generation) ADA Total T4 ADA Total T3 ADA Free T4 ADA Free T3 ADA Tg (Thyroglobulin) TGA (Anti-Tg) Anti-TPO TRAb TMA Rev T3 T-Uptake	STAT-EX™ *hs-cTnI STAT-EX™ *D-Dimer STAT-EX™ *NT-proBNP STAT-EX™ *PCT STAT-EX™ *Myoglobin STAT-EX™ *CRP STAT-EX™	Autoimmune Connective Tissue Disease ANA Screen ENA Screen Anti-dsDNA IgG Anti-Sm IgG Anti-Rib-P IgG Anti-SS-B IgG Anti-SS-A/Ro IgG (Ro60) Anti-Jo-1 IgG Anti-Scl-70 IgG Anti-Centromeres IgG Anti-Histones IgG Anti-Sm/RNP IgG Anti-Ro-52 IgG *Anti-PM-Scl IgG *Anti-Nucleosome IgG	Prenatal Screening AFP (Prenatal Screening) free β-HCG PAPP-A Unconjugated Estriol *Inhibin A	Immunoglobulins IgM IgA IgE IgG
Fertility FSH LH Total β-HCG ADA PRL (Prolactin) Estradiol Testosterone free Testosterone DHEA-S Progesterone Unconjugated Estriol 17α-OH Progesterone AMH SHBG Androstenedione PIGF sFlt-1 *Inhibin A *Inhibin B	Infectious Disease Hepatitis HBsAg Anti-HBs HBeAg Anti-HBe Anti-HBc Anti-HBc IgM Anti-HCV Anti-HAV HAV IgM *HBV Pre-S1 Ag *HEV IgG *HEV IgM *HDV IgG *HDV IgM *Anti-HDV Respiratory 2019-nCoV IgG 2019-nCoV IgM SARS-CoV-2 S-RBD IgG SARS-CoV-2 Neutralizing Antibody SARS-CoV-2 Ag <i>Mycoplasma pneumoniae</i> IgG <i>Mycoplasma pneumoniae</i> IgM <i>Chlamydia pneumoniae</i> IgG <i>Chlamydia pneumoniae</i> IgM *Respiratory Syncytial Virus IgM *Coxsackievirus B IgM *Adenovirus IgM *Influenza A Virus IgM *Influenza B Virus IgM * <i>Legionella pneumophila</i> IgM *Human Parainfluenza Virus IgM	Rheumatoid Arthritis Anti-CCP *RF IgM *RF IgG *RF IgA *RF Screen Celiac Disease Anti-tTG IgA Anti-tTG IgG DGP IgA DGP IgG	TORCH Toxo IgG Toxo IgM Rubella IgG Rubella IgM CMV IgG CMV IgM HSV-1/2 IgG HSV-1/2 IgM HSV-1 IgG HSV-2 IgG HSV-1 IgM HSV-2 IgM *Toxo IgG Avidity *CMV IgG Avidity *Parvovirus B19 IgG *Parvovirus B19 IgM	Neurology NSE S-100 *β-Amyloid (1-40) CSF *β-Amyloid (1-42) CSF *Phospho-Tau (181P) CSF *Total-Tau CSF
Tumor Markers AFP CA 72-4 CEA NSE Total PSA S-100 free PSA SCCA CA 125 TPA-snibe CA 15-3 ProGRP CA 19-9 HE4 PAP HER-2 CA 50 PIVKA-II CA 242 *AFP-L3% CYFRA 21-1	Others HIV Ab/Ag Combi Syphilis Chagas HTLV I+II <i>H. pylori</i> IgG <i>H. pylori</i> IgA <i>H. pylori</i> IgM * <i>H. pylori</i> Ag Dengue Virus IgG Dengue Virus NS1 *Dengue Virus IgM Monkeypox Virus Ag *TB-IGRAs *Zika Virus IgG *Zika Virus IgM *Zika Virus NS1 * <i>Chlamydia trachomatis</i> IgA * <i>Chlamydia trachomatis</i> IgG	Autoimmune Liver Disease AMA-M2 IgG Endocrinology Anti-TPO TGA (Anti-Tg) TRAb TMA Anti-GAD (GAD65) Anti-IA2 ICA IAA (Anti Insulin) *Anti-ZnT8 Vasculitis Anti-MPO IgG *Anti-PR3 IgG *Anti-GBM IgG Antiphospholipid Syndrome Anti-Cardiolipin IgG Anti-Cardiolipin IgM *Anti-Cardiolipin IgA *Anti-Cardiolipin Anti-β2-Glycoprotein I IgG Anti-β2-Glycoprotein I IgM *Anti-β2-Glycoprotein I IgA *Anti-β2-Glycoprotein I	Anemia Vitamin B12 Ferritin Folate (FA) EPO RBC Folate *Anti-Intrinsic Factor *Active B12	Inflammation Monitoring CRP PCT (Procalcitonin) IL-6 (Interleukin 6) SAA (Serum Amyloid A) TNF-α *VEGF *PCT STAT-EX™ *CRP STAT-EX™
Cardiac CK-MB Troponin I Myoglobin hs-cTnI hs-CRP H-FABP NT-proBNP BNP D-Dimer Lp-PLA2 MPO HCY (Homocysteine) *sST2 *hs-cTnI STAT-EX™ *NT-proBNP STAT-EX™ *Myoglobin STAT-EX™ *D-Dimer STAT-EX™	Glyco Metabolism C-Peptide IAA (Anti Insulin) Insulin Proinsulin Anti-GAD (GAD65) *Glucagon Anti-IA2 *Anti-ZnT8 ICA	Bone Metabolism Calcitonin Osteocalcin 25-OH Vitamin D ADA Intact PTH β-CTx total P1NP *PTH (1-84) *BAP	Drug Monitoring Digoxin CSA (Cyclosporine A) FK 506 (Tacrolimus) *Sirolimus *Everolimus *Mycophenolic Acid	EBV EBV EA IgG EBV EA IgA EBV VCA IgG EBV VCA IgM EBV VCA IgA EBV NA IgG EBV NA IgA
			Hypertension Direct Renin Aldosterone Angiotensin I Angiotensin II Cortisol ACTH	Coagulation Markers D-Dimer TAT TM PIC tPAIC *FDP
			Metabolism Pepsinogen I Pepsinogen II Gastrin-17 GH (hGH) IGF-I IGFBP-3	Veterinary Testing cTSH cTT4 cFT4 *cCortisol
			Kidney Function β ₂ -Microglobulin Albumin *NGAL	

* Available soon

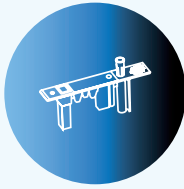
GOLDSITE

GPP-100



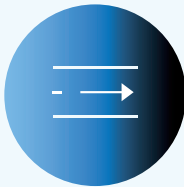
Innovative fully-automatic
Specific Protein Analyzer

Features:



Mono test

- Classical Immunoassay Technology: Nephelometry
- All-in-one cartridge for single test
- Auto ID of assay QR code on reagent cartridge



One Step

- One step operation
- Maintenance free
- Independent calibration



Add sample and insert the cartridge, then just wait for your test result!



Compact

- Compact size
- Small sample volume
- Full-range category assay menu

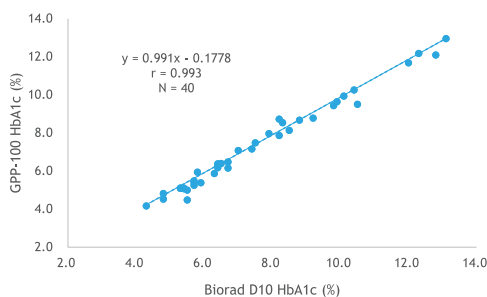


Reliable Result

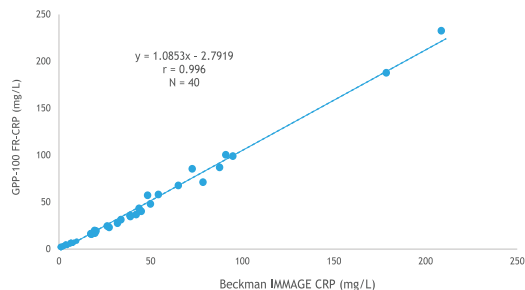
- Quantitative measurement of accuracy
- Excellent clinical performance
- Good correlation with laboratory methods.

Excellent correlation result compared with well-established brand

GPP-100 VS Biorad D10



GPP-100 VS Beckman IMMAGE



Assay menu:

Immune Disease

Assay	Linear Range	Sample Type
IgA <i>Immunoglobulin A</i>	0.23 – 5.10 g/L	W/P/S
IgG <i>Immunoglobulin G</i>	1.8 – 26.0 g/L	W/P/S
IgM <i>Immunoglobulin M</i>	0.18 – 4.60 g/L	P/S
C3 <i>Complement 3</i>	0.19 – 4.70 g/L	P/S
C4 <i>Complement 4</i>	0.06 – 2.20 g/L	P/S
KAP <i>κ Light chain</i>	0.88 – 12.20 g/L	S
LAM <i>λ Light chain</i>	0.65 – 7.10 g/L	S

Inflammation

Assay	Linear Range	Sample Type
FR-CRP <i>Full range C-Reactive Protein</i>	0.5 – 380.0 mg/L	W/P/S
CRP <i>C-Reactive Protein</i>	1.6 – 152.0 mg/L	P/S
SAA <i>Serum Amyloid A</i>	3 – 200 mg/L	W/P/S
TRF <i>Transferrin by serum sample</i>	0.25 – 6.10 g/L	S

Diabetes

Assay	Linear Range	Sample Type
 HbA1c <i>Hemoglobin A1C</i>	2.8% – 15.5%	W

*Coming soon

Sample type:
W-Whole blood, P-Plasma, S-Serum, U-Urine



Rheumatoid Disease

Assay	Linear Range	Sample Type
ASO <i>Anti-Streptolysin O</i>	41 – 607 IU/mL	S
RF <i>Rheumatoid factor</i>	20 – 306 IU/mL	S
Anti-CCP <i>Anti-cyclic Citrullinated Peptide</i>	15 – 200 IU/mL	S



Cardiovascular Disease

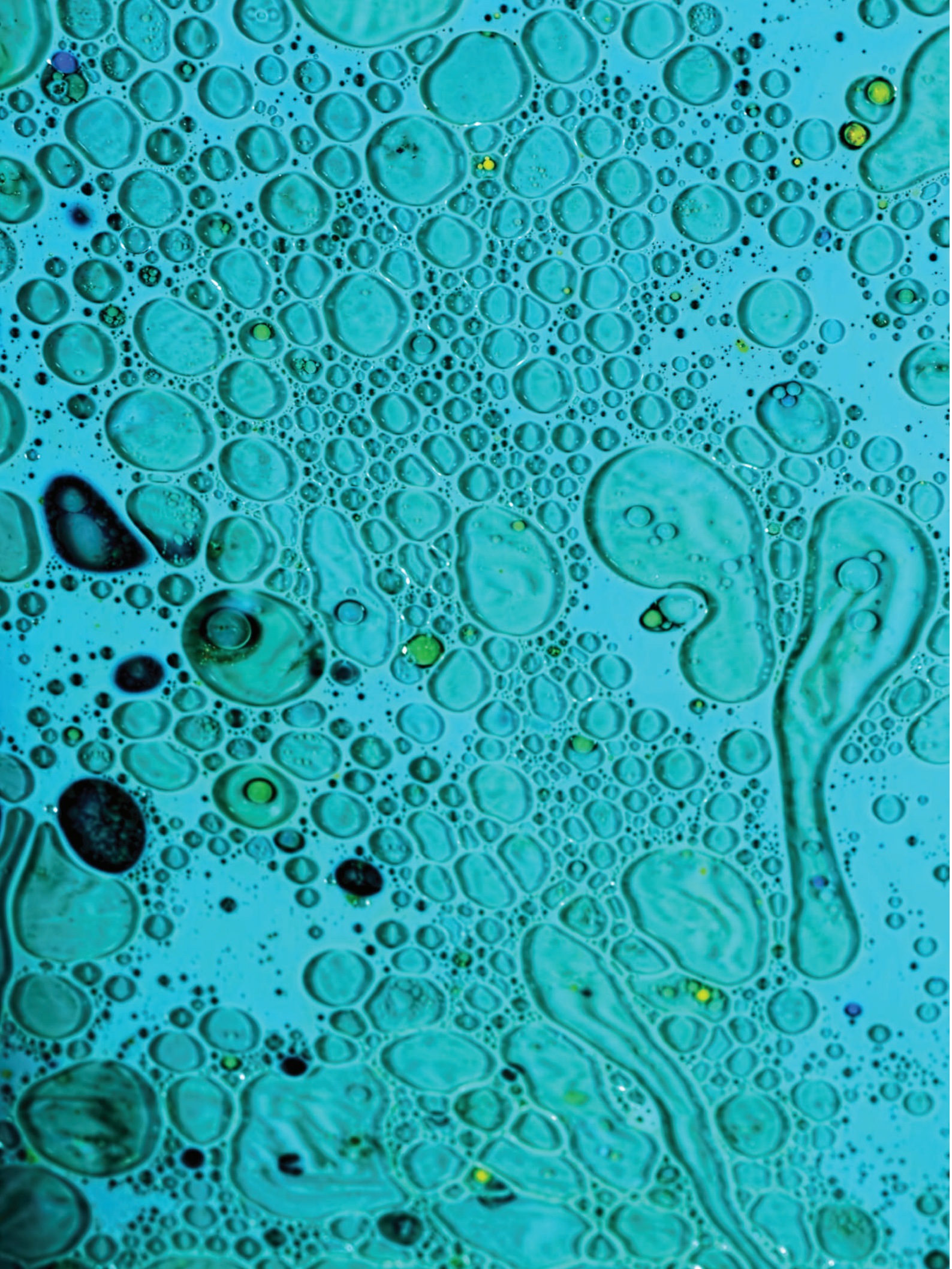
Assay	Linear Range	Sample Type
D-Dimer <i>D-Dimer</i>	0.28 – 15.70 mg/L	P
UsCRP <i>Ultra sensitive CRP</i>	0.22 – 19.00 mg/L	P/S
LP(a)* <i>Lipoprotein (a)</i>	60 – 1200 mg/L	S



Kidney Disease

Assay	Linear Range	Sample Type
Urine IgG <i>Urine Immunoglobulin G</i>	4 – 100 mg/L	U
Urine TRF <i>Urine Transferrin</i>	1 – 80 mg/L	U
Alb <i>α1 Microglobulin</i>	5 – 200 mg/L	U
mALB <i>Urine Microalbumin</i>	9.5 – 230.0 mg/L	U
Cys C <i>Cystatin C</i>	0.4 – 7.6 mg/L	P/S
BMG <i>β2 Microglobulin</i>	0.4 – 13.0 mg/L	P/S/U







DYNEX is a worldwide manufacturer of microplate instrumentation, seamlessly integrating advanced detection with fully-automated sample handling, consumables and accessories. The DYNEX systems have a proven track record of high-quality products, excellent service and support.



Ordering Information:

Product # Instrument/Components

62000	DS2 System
62010	DS2 System with barcode scanner
62700	Barcode scanner

Product # Consumables

62910	Deep-well strips (250/box)
65950	Reagent tubes, 25 mL (24/pack)
62930	Reagent tubes, 15 mL (10/pack)
65920	Reagent tips (432/box)
65910	Sample tips (432/box)
65940	Control vials with caps (33/pack)

DS2 Specifications

Physical Specifications

Dimensions	Metric	Non Metric
Width:	54 cm	21 in
Depth:	68 cm	27 in
Height:	66 cm	26 in
Footprint:	0.36 sq m	3.9 sq ft
Bench Weight:	48 kg	105 lbs
Ship Weight:	78 kg	170 lbs
Noise:	Noise output < 78 dB	

Power Supply Requirements

Voltage:	100 – 240 V automatic conversion
Frequency:	50/60 Hz
Power Consumption:	< 300 VA

System Specifications

Number of Plates:	2
Sample Capacity:	100 per load
Continuous Sample Loading:	Yes
Sample Tube Size:	10 mm – 16 mm diameter 40 mm – 100 mm height
Number of Reagents:	Up to 8 (25 mL tubes) Up to 10 (15 mL tubes)
Number of Standard/Control Bottles:	24 (2 mL vials)
Assays per Plate:	Up to 12
Dilution Wells Capacity:	Up to 96 deep-well strips (12 x 8)
Sample Tip Capacity:	216 tips (2 x 108)
Reagent Tip Capacity:	20 tips

Reader Specifications

Photometric Range:	0.100 – 3.0 OD
Spectral Range:	405 nm – 690 nm
Filter Slots:	6 wavelength
Precision:	< 1% CV (< 2.0 OD) < 2% CV (2.0 – 3.0 OD)
Accuracy:	± 0.005 OD or 2.5% (0.000 – 3.000 OD) whichever is greater
Read Time:	< 30 sec (single wavelength)

Washer Specifications

Manifold Configuration:	8-way
Programmable Volumes:	50 µL – 1,000 µL
Wash Buffer Capacity:	2 wash bottles at 2 L, with level-sensing
Residual Wash Volume:	< 3 µL with super sweep
Dispense Precision:	≤ 5% CV (with 300 µL in a 96 well plate)
Waste Container:	1 x 1.5 L

Incubator Specifications

Number of Incubators:	2
Temperature Range:	Ambient + 4° C to 40° C
Temperature Accuracy:	± 1° C across plate @ 37° C
Shaking:	Independent linear motion 14 – 20 Hz (periodic or continuous)
Temperature Monitoring:	Yes

Reagent Pipetting Specifications

Reagent Tip Size:	1,300 µL
Reagent Pipetting Volume:	20 µL – 1,000 µL
Precision, Reagent Tip:	< 3% CV at any operating volume above 20 uL (single-shot mode)

Sample Pipetting Specifications

Sample Tip Size:	300 µL
Sample Pipetting Volume:	10 µL – 250 µL
Sample Pipetting Precision:	< 3% CV at any operating volume above 10 uL (single-shot mode)
Dilution Range:	1 part in 199 one-stage dilution 1 part in 39,601 two-stage dilution

Process Security

Liquid Level Sensing:	Yes (reagents, controls and samples)
Level Sensor System:	Pressure differential
Clot Detection:	Yes
Dispense Anomaly Detection:	Yes
Tip Detection:	Yes
Electronic Signature Pipetting:	Yes
Alarms:	Yes

Software

Controlling Software:	DS-Matrix®
Work Protocols (Assays):	Unlimited
Data Processing:	Quantitative and qualitative
Levey-Jennings:	Yes
Westgard Rules:	Yes
Process Reporting:	Event log + error log
Automatic Error Recovery:	Yes
Password Access Control:	Yes

Attributes and specifications subject to change without notice.



Ordering Information:

Product # Instrument/Components

65100	DSX Ambient System (no incubators)
65200	DSX System with 2 incubators
65400	DSX System with 4 incubators
65600	Incubator module
65700	Sample ID barcode scanner module

Product # Consumables

65930	Deep-well microplate, 1 mL
62910	Deep-well strips (250/box)
65950	Reagent tubes, 25 mL (24/pack)
65920	Reagent tips (432/box)
65910	Sample tips (432/box)
65940	Control vials with caps (33/pack)

Physical Specifications

Dimensions	Metric	Non Metric
Width:	106 cm	42 in
Depth:	91 cm	36 in
Height:	80 cm	32 in
Footprint:	0.98 sq m	10.5 sq ft
Bench Weight:	136 kg (max.)	300 lbs (max.)
Ship Weight:	244 kg (max.)	537 lbs (max.)

Power Supply Requirements

Voltage:	100 – 240 V automatic conversion
Frequency:	50/60 Hz
Power Consumption:	< 800 VA (online UPS recommended)

System Specifications

Number of Plates:	4
Sample Capacity:	96 (98 positions available)
Continuous Sample Loading:	Yes
Sample Tube Size:	10 mm – 16 mm diameter 40 mm – 100 mm height Up to 24 (25 mL tubes)
Number of Reagents:	
Number of Standard/Control Bottles:	33 (1.5 mL vials)
Assays per Plate:	1 assay per strip or up to 12 assays per plate
Dilution Wells Capacity:	Up to 192 deep-well strips (24 x 8)
Sample Tip Capacity:	432 (4 x 108)
Reagent Tip Capacity:	41 tips

Reader Specifications

Photometric Range:	0.000 – 3.000 OD
Spectral Range:	405 nm – 690 nm
Filter Slots:	6 wavelength
Precision:	± 0.010 OD at 0.000 – 0.500 OD < 1% CV at 0.501 – 2.000 OD < 1.5% at 2.001 – 2.500 OD
Accuracy:	± 0.01 OD or 2.5% (0.000 – 3.000 OD) whichever is greater
Read Time:	< 10 seconds, single wavelength < 20 seconds, dual wavelength

Washer Specifications

Manifold Configuration:	8-way
Programmable Volumes:	50 µL – 999 µL
Wash Buffer Capacity:	4 wash bottles at 2.0 L, with level-sensing
Residual Wash Volume:	< 3 µL per well with dual-axis sweep in a flat-bottom plate
Dispense Precision:	≤ 5% CV (with 300 µL in a 96 well plate)
Waste Container:	8 L with waste full sensor

Incubator Specifications

Number of Incubators:	Up to 4
Temperature Range:	RT + 7° C to 50° C (elevated incubator) RT + 5° C (ambient incubator)
Temperature Accuracy:	± 1° C
Shaking:	> 15 Hz periodic or continuous
Temperature Monitoring:	Yes

Reagent Pipetting Specifications

Reagent Tip Size:	1,300 µL
Reagent Pipetting Volume:	25 µL – 1,000 µL
Reagent Pipetting Precision:	≤ 3% CV at 10 shots at any volume in operating range above 50 µL
Reagent Pipetting Accuracy:	± 2% of target volume at 50 µL or greater in operating range (single-shot mode)

Sample Pipetting Specifications

Sample Tip Size:	300 µL
Sample Pipetting Volume:	10 µL – 250 µL single-shot 25 µL – 100 µL multi-shot
Sample Pipetting Precision:	≤ 3% CV at any operating volume above 10 µL (single-shot mode)
Sample Pipetting Accuracy:	± 2% of target volume at any operating volume above 10 µL (single-shot mode)
Estimated Cycle Time for Sample Pickup to Delivery on Plate:	< 8 seconds^
Time to Dispense:	19 minutes (typical)^ 50 µL of 96 samples to plate from sample tubes or deep-well plates < 26 minutes (typical)^
Sampling Time w/Dilutions:	
Dilution Range:	1 part in 190 one-stage dilution 1 part in 36,100 two-stage dilution

Process Security

Liquid Level Sensing:	Yes (reagents, controls and samples)
Level Sensor System:	Pressure differential
Clot Detection:	Yes
Dispense Anomaly Detection:	Yes
Tip Detection:	Yes
Electronic Signature Pipetting:	Yes
Alarms:	Yes

Software

Controlling Software:	REVELATION DSX®
Work Protocols (Assays):	Unlimited
Data Processing:	Quantitative and qualitative
Levey-Jennings:	Yes
Westgard Rules:	Yes
Process Reporting:	Event log + error log
Automatic Error Recovery:	Yes
Password Access Control:	Yes

Attributes and specifications subject to change without notice.

AGILITY®



Ordering Information:

Product # Instrument
67000 Agility System

Product # Consumables

62910	Deep-well strips (250/box)
65950	Reagent tubes, 25 mL (24/pack)
67920	Reagent tips (490/pack)
67910	Sample tips (896/pack)
65940	Control vials with caps (33/pack)
67960	Bronze kit troughs (50/pack)
67930	Dilution strip holder + barcode
67940	Mixing well strip holder + barcode
67951	Mixing well strips; blue (125/box)
24902350	Bronze kit insert
53000180	Barcode labels

DYNEX Agility Specifications

Physical Specifications

Dimensions	Metric	Non Metric
Width:	125 cm	50 in
Depth:	90 cm	36 in
Height:	123 cm	49 in
Footprint:	1.16 sq m	12.5 sq ft
Bench Weight:	213 kg (max.)	469 lbs (max.)
Ship Weight:	296 kg (max.)	650 lbs (max.)
Noise:	Noise output < 70 dB	

Power Supply Requirements

Voltage:	100 – 240 V automatic switching
Frequency:	50/60 Hz
Power Consumption:	Typically 400 VA (online UPS required)

System Specifications

Number of Plates:	12 (additional continuous load capability)
Sample Capacity:	200 (additional continuous load capability)
Continuous Sample Loading:	Yes
Sample Tube Size:	10 mm – 17 mm diameter 45 mm – 100 mm height
Number of Reagents:	Up to 16 different SmartKit® reagent packs simultaneously (additional packs can be added using continuous load capability)
Number of Standard/Control Bottles:	Included in each SmartKit reagent pack
Dilution Wells Capacity:	Up to 384 deep-well strips (48 x 8)
Sample Tip Capacity:	Up to 2,240 (20 x 112 with additional continuous load capability)
Reagent Tip Capacity:	Up to 98 tips (additional continuous load capability)

Reader Specifications

Photometric Range:	0.000 – 3.500 OD
Spectral Range:	405 nm – 690 nm
Filter Slots:	6 wavelength
Precision:	± 0.010 OD at 0.000 – 0.500 OD < 1% CV at 0.501 – 2.000 OD < 1.5% CV at 2.001 – 2.500 OD
Accuracy:	± 0.01 or 2.5% (0.000 – 3.000 OD) whichever is greater
Read Time:	< 30 seconds, single wavelength < 50 seconds, dual wavelength

Washer Specifications

Manifold Configuration:	8-way wash head
Programmable Volumes:	50 µL – 999 µL
Wash Buffer Capacity:	4 wash bottles at 3.0 L, with quantitative level-sensing
Residual Wash Volume:	< 3 µL per well with dual-axis sweep in a flat-bottom well

Incubator Specifications

Number of Incubators:	12 (6 ambient/6 elevated)
Temperature Range:	RT + 4° C to 45° C (elevated incubator) RT + 4° C (ambient incubator)
Temperature Accuracy:	± 1° C
Shaking:	14 Hz periodic or continuous
Temperature Monitoring:	Yes

Reagent Pipetting Specifications

Reagent Tip Size:	1,200 µL
Reagent Pipetting Volume:	20 µL – 1,200 µL
Reagent Pipetting Precision:	≤ 3% CV at 10 shots at any volume in operating range
Reagent Pipetting Accuracy:	± 2% of target volume (single-shot mode)

Sample Pipetting Specifications

Sample Tip Size:	300 µL
Sample Pipetting Volume:	10 µL – 300 µL
Sample Pipetting Precision:	≤ 3% CV (at any operating volume above 10 µL)
Time to Dispense:	11 minutes (typical) 50 µL of 96 samples to plate from sample tubes or deep-well plates
Sample Pipetting Accuracy:	± 2% of target volume
Dilution Range:	1 part in 199 one-stage dilution 1 part in 39,601 two-stage dilution

Process Security

Liquid Level Sensing:	Yes (reagents, controls and samples)
Level Sensor System:	Pressure differential
Clot Detection:	Yes
Dispense Anomaly Detection:	Yes
Tip Detection:	Yes
Electronic Signature Pipetting:	Yes
Alarms:	Yes

Software

Controlling Software:	Agility software
Work Protocols (Assays):	Unlimited
Data Processing:	Quantitative and qualitative
Levey-Jennings:	Yes
Westgard Rules:	Yes
Process Reporting:	Event log + error log
Automatic Error Recovery:	Yes
Password Access Control:	Yes

Attributes and specifications subject to change without notice.



MEDICA

Results Within Reach Since 1983

EasyLyte Neo



Easy to Use

- Simple, menu-driven, touch screen
- Whole blood, serum, plasma or urine samples
- Results printed automatically in less than 60 seconds Automatic or on-demand calibration
- Automatic probe wiping

Easy to Maintain

- All calibrants contained in convenient, disposable solutions pack All waste collected in solutions pack
- Disposable electrodes require no maintenance
- Modular design makes maintaining analyzer simple and fast

Easy to Afford

- Low analyzer purchase price
- Low cost per test

Na^+/K^+

$\text{Na}^+/\text{K}^+/\text{Cl}^-$

$\text{Na}^+/\text{K}^+/\text{Cl}^-/\text{Ca}^{++}$

MEDICA

Results Within Reach Since 1983

EasyBloodGas



Medica's EasyBloodGas™ offers traditional blood gas analysis in a new compact format. The small footprint saves space and integrates easily into laboratory workflows.

Calibrating gases and liquid buffers are combined to create a convenient reagent module containing single-phase calibrants. Gas tanks are eliminated. All analyzer components are designed into simple modules, easily accessible to the user. Routine maintenance is limited to the replacement of the reagent module, electrodes, and a single pump tube.

Specifications:

CLIA Classification:

Moderate Complexity

Sample Type:

Whole Blood

Sample Size:

100 μ L Syringe 75 μ L Capillary

Measured Parameters:

pH

6.900 – 7.900 pH units

PCO₂

8.0 – 150.0 mmHg

PO₂

10 – 700 mmHg

Calculated Parameters:

pH (T) (pH temperature corrected)

PCO₂ (T) (PCO₂ temperature corrected)

PO₂ (T) (PO₂ temperature corrected)

TCO₂ (Total Carbon Dioxide)

0 – 50 mmol/L

HCO₃⁻ (Bicarbonate)

0 – 50 mmol/L

BE_b (Base Excess in blood)

-25.0 – 25.0 mmol/L

BE_{ecf} (Base Excess in extra cellular fluid)

-25.0 – 25.0 mmol/L

SBC (Standard Bicarbonate)

0 – 50 mmol/L

%SO_{2c} (Oxygen Saturation calculated at normal P₅₀)

40.0 – 100.0%

A-aDO₂ (Alveolar arterial oxygen gradient)

0 – 700 mmHg

RI (Respiratory Index)

0.0 – 70.0

Input Parameters:

Patient Temperature

5 – 45°C

Hemoglobin

30 – 30.0 g/dL

FI_{O2}

10 – 100%

Patient ID

14 digits

Sample Temperature Control:

37°C $\pm$ 0.2°C

Ambient Conditions:

15 – 30°C (59 – 86°F), 500 – 800 mmHg (max 15 PSI)

5 – 85% relative humidity, non-condensing atmospheric air environment (21% PO₂)

Analysis Time:

125 seconds

Data Storage:

64 Patient results with Operator ID, Patient ID, Date and Time QC – up to 30 results for each Level (1, 2, 3)

Calibration:

Automatic or On-Demand

Input/Output:

Numeric keypad, graphic display, 27 column thermal printer, barcode reader port, RS-232 computer interface port

Power:

100/115 ~ VAC, 50 – 60 Hz, 0.8 A or 220 ~ VAC, 50 – 60 Hz, 0.4A

Size & Weight:

14.5" W x 12.5" H x 7" D (37 cm W x 32 cm H x 18 cm D) 16 lbs. (7.3 kg) with reagent module



MEDICA

Results Within Reach Since 1983

EasyStat medicacorp.com



easy inside and out

...Easy inside

EasyStat can be used and maintained by anyone, anytime, anywhere

- Removal of the three plug-in modules — Reagent Module, Sensor Module and Valve Module — is accomplished without tools.
- Medica's integral membrane design means that electrodes are disposable and require no maintenance. Electrodes snap in and out for easy replacement.
- Sample path has been simplified—only one length of pump tubing requires periodic replacement.
- Innovative design simplifies maintenance, addressing the needs of the remote laboratory which has limited access to technical service personnel. Diagnostic software displays component status, assuring quick troubleshooting. Modularity makes assembly and disassembly quick and easy. There is no need for expensive service contracts

Comprehensive management of patient, quality control and maintenance data

- The EasyStat quality control program calculates and stores complete statistics for the last 31 days of quality control results at each of three levels. A printed Levey-Jennings chart visually identifies trends.
- The data management program compares all patient results with ranges stored in memory and flags out-of-range results. Results are stored in memory for up to 64 patients.
- Exchange of components, calibration and other events are documented for regulatory compliance.
- Bar code scanner option permits rapid, accurate input of patient, operator and QC data.

...Easy outside

Blood gas analyzer operation has never been simpler

- The Universal Sampler adapts to both syringe and capillary samples without adaptors. The sample probe's self-wiping feature provides convenience, sample integrity and user safety.
- The simple, yes/no user-prompting menu makes rapid training of new personnel possible.

Compact Reagent Module for convenience, economy and safety

Bulky gas tanks are replaced with liquid, tonometered calibrants, packaged in a convenient Reagent Module that also collects waste, protecting the user from biological hazards. The EasyStat automatically tracks date code and calibrant usage with the Reagent Module's solid state memory. Operation without interruption is assured.





Técnica para el laboratorio, S.A.



SRA-48 ESR Analyzer

- Automatic ESR analyzer
- 48 simultaneous samples
- Tube position detected automatically
- Programs for 30 or 60 minutes
- Results are automatically printed out or sent to LIS system

DIRUI

H-100 Urian Analyzer



DIRUI H-100 Semi-automatic urine analyzer offers ideal urine analysis solutions for small laboratories and hospitals.

Product features:

- ~ Friendly interface is convenient for users' operation
- ~ Built-in thermal printer can print results automatically
- ~ 4 wavelength cold light source ensure the result accuracy
- ~ Throughput is 60 samples/hour or 120 samples/hour
- ~ 14 test items are optional
- ~ Large capacity of data memory is convenient for reviewing
- ~ H-100 can connect computer with RS-232

Milli-Q®

Lab Water Solutions



RiOs-DI®

Water Purification Systems

Easy-maintenance, superior quality pure water

Easy-to-use RiOs-DI® systems produce Type II pure water whose quality is superior to that of service DI or stills. Plus, with their combination of reverse osmosis (RO) technology and deionization resins, RiOs-DI® systems let you avoid the issues associated with service DI or distillation (maintenance, storage, cleaning, etc.).

Specifications:

Pure (Type II) Product Water Quality	RiOs-DI® Systems
Resistivity	> 10 MΩ·cm @ 25 °C
Production flow rate	3 L/h @ 15 °C ± 15%
Organics & Particulates	Typical rejection > 99%
TOC (Total Organic Carbon)	< 30 ppb

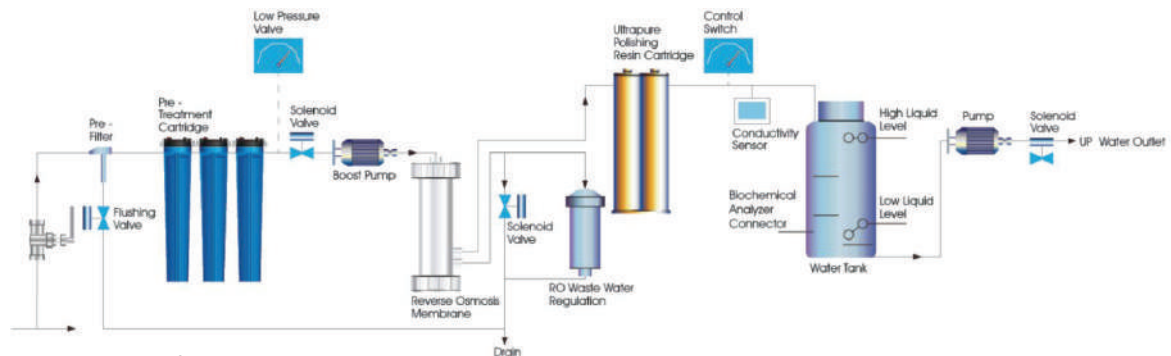
System Information

Dimensions (H × W × D)	500 x 290 x 330 mm (19.7 x 11.4 x 13 in.)
Net weight (RiOs-DI® system w/o bactericidal UV lamp)	7.3 kg (16.1 lb)
Net weight (RiOs-DI® system with bactericidal UV lamp)	7.8 kg (17.2 lb)
Operating weight (RiOs-DI® system w/o bactericidal UV lamp)	16.7 kg (36.7 lb)
Operating weight (RiOs-DI® system with bactericidal UV lamp)	17.3 kg (38 lb)
Built-in reservoir volume	6 L (1.6 gal)
Electrical feed voltage	100–250 V ± 10%
Electrical feed frequency	50–60 Hz ± 10%
Tap (feed) water connection	½" Gaz M
Tap (feed) water pressure	0.5 to 6 bar

ZYTEST



Pure water system especially for Biochemical Analyzer



Flow Schematic

Features:

- | ZYTEST series is the sole leading brand of Chinese Good Instrument in lab water area. Especially working with Biochemical analyzer.
- | It is the most representative products in Chinese lab water market.
- | RO water, deionized water, or ultrapure water respectively. Cartridges replacing alarm function, based on time and water quality, show cartridges used and residual life.
- | Multiple alarm function: no feed water, full water, water quality's standard exceeding, and cartridge life ending.
- | Auto self-flushing of RO membrane function, extend RO membrane's life.
- | System sanitizing procedure, achieve the disinfection of ultrapure water's tube and valve.
- | External water tanks is optional to meet different need and assure ample water-supply.
- | Whole plastic shell with high-strength, avoid rusting and keep clean, to meet GLP standard.
- | 2 door and easy-to-replacing cartridge design, convenient to maintain system and replace cartridges.
- | Tube and adapter with NSF authorization and top quality, reduce TOC level and assure ultrapure water's quality. Optimized pretreatment (including PP fiber, KDF and active carbon cartridge), effectively protect RO membrane.
- | High quality RO module membrane, ensure long life, stable operation and high desalinization rate.
- | DOW's top polishing resin, ensure ltrapure water's quality up to 18.2 MQ.cm, with the lowest TOC level.

Typical Scientific Applications:

- | HPLC
- | AES(Atomic Emission Spectrometry)
- | AAS(Atomic Absorption Spectrophotometry)
- | Buffer and media preparation Electrophysiology
- | Mammalian and bacterial cell culture
- | Plant tissue culture
- | Qualitative analysis
- | Animal watering
- | Aquariums
- | Autoclave feed
- | Glassware Washing/rinsing
- | Qualitative analyses Ultra trace analysis
- | Western blotting
- | Biochemical analysis of chemical reagents;
- | Buffer conventional physical and chemical detection;
- | Wahsing machines
- | Biochemical analyzer

Model	ZYTEST-I	ZYTEST-II
Optional capacity(L/H)	10L/H,20L/H,40L/H	
Feed water requirements	Tap water, temperature:5-45°Cpressure 2.0-4.0Kg	
DI water quality		
Conductivity(25 °C)	<0.1-1µs/cm	
Ion rejection rate	99% (new RO membrane)	
Organic rejection rate	>99%	
Particles and bacteria rejection rate	>99%	
Ultrapure water quality		
Resistivity(25°C)	NA	18.25MQ.cm
Bacteria	NA	N/A
Particle(20.2 µm)	NA	<1/ml
Heavy metal ion	NA	<0.1ppb
Endotoxin(Pyrogens)		
TOC Level*	NA	<20ppb
Dimension and weight	LengthxWidthxHeight:510x380x570mm, 30-50Kg	
Electrical requirements	220V±10%/50Hz	
Power(W)	30W-50W	
Terminal disinfection filter (TF)	NA	N/A
UV lamp	NA	N/A
UF	NA	N/A
Standard configuration	Main body (Including 1 set of cartridge)+pressure tank	



Puridest PD 4

High distillate quality with the «GFL Technology» quality mark

LAUDA Puridest stills do not require any specialists for commissioning and maintenance and do not place any high demands on the raw water that is to be connected. Ultra-pure water is extracted by simply pressing a button.



Features:

- Water Still for single distillation, suitable for bench mounting
- Evaporator easily accessible for cleaning purposes.
- Manual cooling water control via outlet temperature.
- Distillate withdrawal through outlet at the condenser
- CO2 degassing through outlet in the condenser.
- Heating element, evaporator and condenser made of stainless steel.
- Economical energy consumption by distillation of the heated cooling water.
- Thermostatic low water cut-off
- Housing made of galvanised sheet steel, powder coated

Technical data

- | | |
|---|--------------------------------------|
| - Conductivity stage 1 /25 °C: | 2.3 µS/cm |
| - Production output: | 4 L/h |
| - Heater power max.: | 3 kW |
| - Max. power consumption: | 3 kW |
| - Cooling water flow rate: | 0.67 L/min |
| - Pressure difference cooling water min.: | 1 bar |
| - Maximum_Pressure_Cooling_WaterL: | 2 bar |
| - Dimensions (WxDxH): | 280 x 250 x 490 mm |
| - Weight: | 8 kg |
| - Ambient temperature range: | 10 ... 40 °C |
| - Power supply: | 230 V; 50/60 Hz |
| - Power plug: | Power cord with angled plug (CEE7/7) |



LI LABO



Clinical Centrifuge LABORATORY-LINE

A compact centrifuge

The LIA Labo centrifuge is very compact and can be placed on every bench. In this way each station will be equipped with its own centrifuge.

Optimized capacity

The LIA Labo is supplied with an angled rotor that can hold up to 12 5 and 10 mL tubes or 8 15 mL tubes.

A dedicated centrifuge

Widely used in clinical laboratories, small laboratories and veterinary laboratories to centrifuge blood and urine samples.

Centrifuge Description	
AFI-LABOV-E	LIA Labo Centrifuge Ventilated
Specifications	Angular Rotor
Max Speed	4500rpm
Max RCF	2490g
Max Loading	12x 5ml, 10ml
Dim. (HxWxD)	22x30x35.5 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	



Motic®

MORE THAN MICROSCOPY

BA310E



ADVANCED BIOLOGICAL MICROSCOPE

Specifications:

	General Specifications	Optional Configuration
Optical system	CCIS®	
Observation system	Siedentopf 30°	
Interpupillary distance (mm)	48-75	
Eyepieces	N-WF 10X/20	N-WF 12.5X/18; N-WF 15X/16
Eyepieces diopter adjustment	+/- 5 dpt	
Reticles (Ø25mm)		Crosshair 10mm/100 divisions Crossed double scale 10mm/100 divisions Pointer
Trino light split	20/80	0/100
Nosepiece	Reversed quintuple	
Objectives (EC-Plan Achromat)	4X/0.10; 10X/0.25; 40X/0.65; 100X/1.25 Oil	20X/0.45; 60X/0.80;
Objectives (EC-Plan Achromat Non-cover glass)		10X/0.25; 20X/0.45; 40X/0.65; 100X/1.25 Oil
Objectives (EC-H Plan Positive and Negative Phase)		10X/0.25; 20X/0.45; 40X/0.65; 100X/1.25 Oil
Objective mounting thread RMS standard (W 4/5" x 1/36")	Yes	
Built-in coaxial mechanical stage with sample holder	Yes	2-Slide sample holder
Stage size (mm)	180 x 170	
Travel range (mm)	80 x 55; rackless	
Upper limit stop	Preset; adjustable	
Condenser	Abbe focusable type N.A.0.9/1.25;	Phase contrast 5 position turret condenser
Focus mechanism	with slot for Phase/DF sliders	(BF, DF, PH1, PH2, PH3)
Fine focus precision (µm)	Coaxial; tension adjustment	
Z-axis movement (mm)	2	
Filter holder with fixing cap	20	
Illumination	Yes	
Halogen / LED interchangeability	Quartz halogen 6V/30W	LED 3W (LED Module not included)
Illumination position	Yes	
Koehler	Built-in	
Multi-Viewing devices		Dual/3-head/5-head
Transformer	Yes	
Power supply	Built-in	
Filters	110-240V (CE)	Green, yellow, green interference, neutral
Dimensions (mm)	Blue	density, didymium
Weight (Kg)	400 x 220 x 400	
Contrast techniques		
Brightfield	8,6	Slider & Turret
Phase contrast and Darkfield	Yes	Yes
Simple Polarization		Yes
LED Fluorescence		



Science Equipment with BioCote[®] antimicrobial protection

SRT6 and SRT6D



Rollers

These roller mixers provide a gentle, but highly efficient, rocking and rolling action. The six roller design has a small space saving footprint. There is a choice of two models:

- Analogue model SRT6 with fixed speed of 33rpm operated by easy to use on / off switch
- More advanced digital model SRT6D with variable speed from 5 to 60rpm and versatile timer which can be set from 1 second to 9 hours.

Recommended for mixing blood samples, viscous substances and liquid-solid suspensions where minimum aeration is required. Units can be used in incubators up to 60°C and humidity up to 80%, or in cold rooms down to 4°C. Both roller mixers are robustly constructed and designed for easy cleaning, having plastic rollers and a drip tray to collect accidental spillages. Most sizes of tubes, Bijoux, Universals and bottles can be accommodated. An accessory stacking system is available where bench space is at premium, see page 72.

Roll only versions are also available, these have had the rocking action removed, please note it is not possible to switch a unit to roll only, after production.

Technical Specification

	SRT6	SRT6D
Number of rollers	6	6
Speed	33rpm	5 to 60rpm
Amplitude	16mm	16mm
Maximum load, kg	5	5
Controls	Analogue	Digital
Timer	No	Yes
Roller size, mm (l x d)	340 x 30	340 x 30
Dimensions, mm (w x d x h)	565 x 240 x 110	565 x 240 x 110
Net weight, kg	5.1	5.1
Electrical Supply	230V, 50Hz, 50W	230V, 50Hz, 50W
IP Rating	20	20

Key Features

- Rocking and rolling action for complete mixing
- Choice of analogue fixed speed or digital variable speed model
- Six roller design with small footprint
- Designed for continuous quiet operation
- Can be used in cold rooms or in incubators



SRT6D



SRT6

Ordering Information

Model	Description
SRT6	Roller mixer, 6 rollers, analogue control, fixed speed
SRT6D	Roller mixer, 6 rollers, digital control, variable speed
SRT6ROLL	Roll only version, 6 rollers, analogue control, fixed speed
SRT6DROLL	Roll only version, 6 rollers, digital control, variable speed

Key Features

- Rocking and rolling action for complete mixing
- Choice of analogue fixed speed or digital variable speed model
- Nine roller design for larger capacity
- Designed for continuous quiet operation
- Can be used in cold rooms or in incubators



SRT9D



SRT9

SRT9 & SRT9D



Rollers

These roller mixers provide a gentle, but highly efficient, rocking and rolling action. The larger capacity nine rollers design is ideal for high throughput laboratories.

There is a choice of two models:

- Analogue model SRT9 with fixed speed of 33rpm operated by easy to use on / off switch
- More advanced digital model SRT9D with variable speed from 5 to 60rpm and versatile timer which can be set from 1 second to 9 hours.

Recommended for mixing blood samples, viscous substances and liquid-solid suspensions where minimum aeration is required. Units can be used in incubators up to 60°C and humidity up to 80%, or in cold rooms down to 4°C. Both roller mixers are robustly constructed and designed for easy cleaning, having plastic rollers and a drip tray to collect accidental spillages. Most sizes of tubes, Bijoux, Universals and bottles can be accommodated. An accessory stacking system is available where bench space is at premium, see page 72.

Roll only versions are also available, these have had the rocking action removed, please note it is not possible to switch a unit to roll only, after production.

Technical Specification

	SRT9	SRT9D
Number of rollers	9	9
Speed	33rpm	5 to 60rpm
Amplitude	16mm	16mm
Maximum load, kg	5	5
Controls	Analogue	Digital
Timer	No	Yes
Roller size, mm (l x d)	340 x 30	340 x 30
Dimensions, mm (w x d x h)	565 x 360 x 110	565 x 360 x 110
Net weight, kg	6.9	6.9
Electrical Supply	230V, 50Hz, 50W	230V, 50Hz, 50W
IP Rating	20	20

Ordering Information

Model	Description
SRT9	Roller mixer, 9 rollers, analogue control, fixed speed
SRT9D	Roller mixer, 9 rollers, digital control, variable speed
SRT9ROLL	Roll only version, 6 rollers, analogue control, fixed speed
SRT9DROLL	Roll only version, 6 rollers, digital control, variable speed

SB2

Rotator, fixed speed,



The SB2 gives gentle but effective mixing, ideal for keeping biological samples in suspension e.g. blood. The rotator can be used in incubators up to 60°C and in cold rooms down to 4°C. The rotator has a constant speed of 20rpm and the angle of rotation is fully adjustable, from horizontal for minimal mixing to vertical for full end-over-end mixing.

An integral tray catches any spillage from the rotating tubes. A choice of six tube holders are available to fulfil most applications. It is possible to use two tube holders simultaneously with our dual holder accessory.

Technical Specification

Speed range	Fixed to 20rpm
Dimensions, mm (w x d x h)	200 x 270 x 230
Net weight, kg	3.2
Electrical supply	230V, 50Hz, 50W
IP Rating	31

Ordering Information

Model	Description
SB2	Rotator, fixed speed

Tube holders

For use with Stuart® Rotator

- Choice of six types
- Quick and easy loading and removal of tubes
- End-over-end or rolling action

Ordering Information

Model	Description	Tube diameter,	Maximum no. of tubes
End-over-end action			
SB3/1	Micro tube holder	10 - 11.5mm	40
SB3/2	Test/blood tube holder	9 - 20mm	20
SB3/3	50ml centrifuge tube holder	25 - 35mm	12
Rolling action			
SB3/4	Culture tube holder	12mm	63
SB3/5	Culture tube holder	16mm	36
SB3/6	Culture tube holder	26mm	30
Accessories			
SB2/DUAL	Multiple tube holder accessory		
SB3/1/PC	Spare clips for SB3/1 holder		

Key Features

- Fully adjustable mixing angle
- Constant speed of 20rpm
- Choice of tube holders to hold a number of different sized tubes
- Simple on/off control switch
- Spillage tray



SB2



SA8



Mixer, vortex, variable speed,

Mixing speed can be selected from 200rpm for very gentle mixing to 2500rpm for vigorous agitation. Choose between 'touch' mode or continuous operation simply by pressing a button on the fascia. Robust die-cast body avoids unnecessary movement during use. The ergonomic low profile design makes everyday vortexing comfortable for the user.

Integral retort rod fixing allows vessels to be secured above the vortex action for long-term mixing. The SA8 can mix a variety of other vessels when used in conjunction with the SA8/1 accessory pack detailed below.

Technical Specification

Speed	200 to 2500rpm
Orbit diameter, mm	4.2
Touch mode	Yes
Continuous mode	Yes
Dimensions, mm (w x d x h)	135 x 215 x 78
Net weight, kg	3.2
Electrical supply	90 – 240V, 50 / 60Hz, 20W
IP Rating	31

Key Features

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



SA8

Ordering Information

Model	Description
SA8	Vortex mixer, variable speed

Accessory pack

For use with SA8 above, pack contains:

- 1 x Plastic cradle for standard microtitre plate
- 1 x Circular foam insert for beakers and flasks (up to 500ml capacity)
- 1 x Rectangular foam insert (holds 8 x 0.2ml, 8 x 0.5ml and 16 x 1.5ml microcentrifuge tubes)
- 1 x Solid rectangular foam insert (blank for custom holes)

Ordering Information

Model	Description
SA8/1	Accessory pack (for use with SA8 only)



SA8 with cradle

with SA8/1 Microtitre plate cradle (plate not included)

Key Features

- Fixed speed 2500rpm
- Robust die-cast construction
- Automatic press start

SA7



Mixer, vortex, fixed speed,

For rapid mixing of samples contained in test-tubes, small flasks and bottles. Starts automatically when the rubber cup is depressed and stops once vessel is removed.

Heavy die-cast body for stability during use.

Technical Specification

Speed	Fixed 2500rpm
Orbit diameter, mm	4.2
Dimensions, mm (w x d x h)	135 x 215 x 78
Net weight, kg	3.2
Electrical supply	90 – 240V, 50 / 60Hz, 20W
IP Rating	31

Ordering Information

Model	Description
SA7	Vortex mixer, fixed speed



Key Features

- Large platform rockers – ideal for multiple users
- Gentle rocking action
- Choice of two models:
 - 3D gyratory action SSL3
 - See-saw wave action SSL4
- Digital speed control and built-in timer
- Optional tier system available to increase capacity



SSL3



SSL4

SSL3 and SSL4

Rockers, lab scale,



These rockers have large platforms able to accommodate a number of samples, ideal for a busy lab. They are very quiet in operation and designed to be on continuously. Two models available:

Model **SSL3** provides a 3D gyratory motion, ideal for low foaming agitation, DNA extractions, staining and de-staining procedures etc. The angle of tilt can be moved to any position by hand to optimise mixing of vessels.

Model **SSL4** has a see-saw rocking action that creates a wave motion within vessels such as culture flasks, petri dishes etc.

Rockers are often used in conjunction with incubators and environmental chambers. Both units can be used in temperatures up to 40°C and humidity up to 80%. Both models are supplied with a non-slip mat and have digital selection of both speed and time making them very easy to operate. An accessory tier system can be fitted in seconds, without the need for tools, tripling the available space for samples. Each tier is securely held in place by magnets.

Technical Specification

	SSL3	SSL4
Rocking action	3D gyratory	See-saw wave
Platform dimensions, mm (w x l)	355 x 355	355 x 355
Speed range	5 to 70rpm	5 to 70rpm
Angle of tilt	3 to 12°	7°
Angle adjustable	Yes by hand	No
Maximum load, kg	10	10
Dimensions, mm (w x d x h)	360 x 420 x 170	360 x 420 x 160
Tier height, mm	125/tier	125/tier
Operational temp. range	+4 to +40°C	+4 to +40°C
Maximum permissible humidity	80%	80%
Net weight, kg	10	10
Electrical supply	230V, 50Hz, 50W	230V, 50Hz, 50W
IP Rating	30	30

Ordering Information

Model	Description
SSL3	Rocker, gyratory, lab scale
SSL4	Rocker, see-saw, lab scale
SSL3/1	Tier system (2 platforms plus 8 bars) (fits both models)

SWB:D

Water baths, digital

- Choice of sizes
 - 6, 15 or 24 Litres
- Digital display and selection of temperature
- Low level water sensor
- Integral drain
- Supplied with robust polycarbonate lid

Three robust and reliable water baths, each with easy to clean stainless steel tank and sturdy metal outer casing.

Digital water baths with easy to use temperature control and clear to read LED water temperature. Incorporated over temperature protection system that tracks the set temperature and controls the heater in the event of a fault. The heater is mounted underneath the tank to allow easy cleaning. Includes low level water sensor which cuts power to prevent the bath boiling dry. Incorporated drain for easy emptying of the bath.

Bath covers are included as standard with each bath to help reduce heat losses and evaporation. The covers are manufactured from robust polycarbonate allowing full visibility of the bath contents.



6 Litre
SWB6D



15 Litre
SWB15D



24 Litre
SWB24D

SWB:D

Water baths, digital

Technical Specification

	SWB6D	SWB15D	SWB24D
Capacity	6L	15L	24L
Temperature range	Ambient +5°C to 99.9°C	Ambient +5°C to 99.9°C	Ambient +5°C to 99.9°C
Temperature stability	+/- 0.5C	+/- 0.5C	+/- 0.5C
Internal dimensions (w x d x h),mm	300 x 150 x 200	300 x 325 x 200	300 x 500 x 200
Overall dimensions (w x d x h), mm	335 x 230 x 280	335 x 408 x 280	335 x 584 x 280
Net Weight, kg	6.5kg	9.0kg	12.8kg
Heater Power	500W	1000W	1700W
Electrical supply	230V, 50Hz, 500W	230V, 50Hz, 1000W	230V, 50Hz, 1700W
Electrical supply	230V, 50Hz	230V,50Hz	230V, 50Hz
IP Rating	31	31	31

Ordering Information

Model	Description
SWB6D	Digital water bath 6L
SWB15D	Digital water bath 15L
SWB24D	Digital water bath 24L
SWB6D/1	Polycarbonate lid for 6L bath
SWB15D/1	Polycarbonate lid for 15L bath
SWB24D/1	Polycarbonate lid for 24L bath
SWB1/ 1	Stainless Steel lid for 6L bath
SWB2/ 1	Stainless Steel lid for 15L bath
SWB3/ 1	Stainless Steel lid for 24L bath



15 Litre Water Bath with Lid

SWB15D/1



COLD THAT CARES
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Medical Division Of Professional Refrigeration Industry



MPR 110V
AAB107T



MPR 130
AAB301T



MPR 270
AAC701T



MPR 370
AAD701T



Product Code : AAB107T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 115
Net Capacity (liters) : 110
External Dimensions : 620 x 670 x 830
(W x D x H mm)

MPR 110V



Product Code : AAB301T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 145
Net Capacity (liters) : 130
External Dimensions : 530 x 670 x 840 (LITE)
(W x D x H mm)

MPR 130



Product Code : AAC701T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300
Net Capacity (liters) : 270
External Dimensions : 600 x 670 x 1620
(W x D x H mm)

MPR 270



Product Code : AAD701T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 400
Net Capacity (liters) : 370
External Dimensions : 600 x 670 x 2020
(W x D x H mm)

MPR 370

Medical-Pharmaceutical Refrigerators Glass Door

Medical-Pharmaceutical Refrigerators Glass Door



MPR 440
AAE401T



MPR 530
AAF301T



MPR 625
AAG251T



MPR 925
AAJ251T



Product Code : AAE401T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 470
Net Capacity (liters) : 440
External Dimensions : 600 x 770 x 1950
(W x D x H mm)

MPR 440



Product Code : AAF301T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 600
Net Capacity (liters) : 530
External Dimensions : 750 x 770 x 2080
(W x D x H mm)

MPR 530



Product Code : AAG251T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 700
Net Capacity (liters) : 625
External Dimensions : 750 x 870 x 2080
(W x D x H mm)

MPR 625



Product Code : AAJ251T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1030
Net Capacity (liters) : 925
External Dimensions : 1200 x 770 x 1950
(W x D x H mm)

MPR 925



MPR 1160
AAL601T



MPR 1365
AAN651T



MPR 2100
AAV001T



Product Code : AAL601T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1295
Net Capacity (liters) : 1160
External Dimensions : 1500 x 770 x 2080
(W x D x H mm)

MPR 1160



Product Code : AAN651T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1500
Net Capacity (liters) : 1365
External Dimensions : 1500 x 870 x 2080
(W x D x H mm)

MPR 1365



Product Code : AAV001T
Temperature : +2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 2300
Net Capacity (liters) : 2100
External Dimensions : 2250 x 870 x 2080
(W x D x H mm)

MPR 2100

Medical-Pharmaceutical Refrigerators Glass Door



LR 130
ABB301T



LR 270
ABC701T



LR 370
ABD701T



LR 440
ABE401T



Product Code : ABB301T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 145
Net Capacity (liters) : 130
External Dimensions : 530 x 650 x 840 (LITE) / 940 (ADV)
(W x D x H mm)

LR 130



Product Code : ABC701T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300
Net Capacity (liters) : 270
External Dimensions : 600 x 650 x 1620
(W x D x H mm)

LR 270



Product Code : ABD701T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 400
Net Capacity (liters) : 370
External Dimensions : 600 x 650 x 1950
(W x D x H mm)

LR 370



Product Code : ABE401T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 470
Net Capacity (liters) : 440
External Dimensions : 600 x 750 x 1950
(W x D x H mm)

LR 440



LR 530
ABF301T



LR 625
ABG251T



LR 925
ABJ251T



LR 1160
ABL601T



Product Code : ABF301T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 600
Net Capacity (liters) : 530
External Dimensions : 750 x 750 x 2080
(W x D x H mm)

LR 530



Product Code : ABG251T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 700
Net Capacity (liters) : 625
External Dimensions : 750 x 850 x 2080
(W x D x H mm)

LR 625



Product Code : ABJ251T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1030
Net Capacity (liters) : 925
External Dimensions : 1200 x 750 x 1950
(W x D x H mm)

LR 925



Product Code : ABL601T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1295
Net Capacity (liters) : 1160
External Dimensions : 1500 x 750 x 2080
(W x D x H mm)

LR 1160

Laboratory refrigerators



LR 1365
ABN651T



LR 2100
ABV001T



BLCRF 370
AJD700A



Product Code : ABN651T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1500
Net Capacity (liters) : 1365
External Dimensions : 1500 x 850 x 2080
(W x D x H mm)

LR 1365



Product Code : ABV001T
Temperature : 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 2300
Net Capacity (liters) : 2100
External Dimensions : 2250 x 850 x 2080
(W x D x H mm)

LR 2100

Basic Laboratory Combination Refrigerator/Freezer



Product Code : AJD700A
Temperature : +3°C / +8°C | -9°C / -30°C
Refrigeration Type : Forced air
Gross Capacity (liters): 110 / 255
Net Capacity (liters) : 105 / 245
External Dimensions : 600 x 620 x 2000
(W x D x H mm)

BLCRF 370



LCRR 260
AMC601T



LCRR 370
AMD701T



LCRR 530
AMF301T



LCRR 625
ABL601T



Product Code : AMC601T
Temperature : 0°C / +15°C | 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 145 / 145
Net Capacity (liters) : 130 / 130
External Dimensions : 530 x 650 x 1900/1700
(W x D x H mm)

LCRR 260



Product Code : AMD701T
Temperature : 0°C / +15°C | 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 200/200
Net Capacity (liters) : 180/180
External Dimensions : 600 x 650 x 2020
(W x D x H mm)

LCRR 370



Product Code : AMF301T
Temperature : 0°C / +15°C | 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300/300
Net Capacity (liters) : 265/265
External Dimensions : 750 x 750 x 2140
(W x D x H mm)

LCRR 530



Product Code : AMG253T
Temperature : 0°C / +15°C | 0°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 350/350
Net Capacity (liters) : 300/300
External Dimensions : 750 x 850 x 2080
(W x D x H mm)

LCRR 625

Laboratory Combination Refrigerator/Refrigerator

Medical-Pharmaceutical Refrigerator/Refrigerator



MPRR 260
AIC601T



MPRR 370
AID701T



MPRR 530
AIF301T



MPRR 625
AIG251T



Product Code : AIC601T
Temperature : 2°C / +15°C | 2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 145 / 145
Net Capacity (liters) : 130 / 130
External Dimensions : 530x670x1700 (LITE)/1900 (ADV)
(W x D x H mm)

MPRR 260



Product Code : AID701T
Temperature : 2°C / +15°C | 2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 200/200
Net Capacity (liters) : 180/180
External Dimensions : 600 x 670 x 2020
(W x D x H mm)

MPRR 370



Product Code : AIF301T
Temperature : 2°C / +15°C | 2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300/300
Net Capacity (liters) : 265/265
External Dimensions : 750 x 770 x 2140
(W x D x H mm)

MPRR 530



Product Code : AIG251T
Temperature : 2°C / +15°C | 2°C / +15°C
Refrigeration Type : Forced air
Gross Capacity (liters): 350/350
Net Capacity (liters) : 300/300
External Dimensions : 750 x 870 x 2080
(W x D x H mm)

MPRR 625



Product Code : AKC601T
Temperature : 0°C / +15°C | -5°C / -20°C
Refrigeration Type : Forced air
Gross Capacity (liters): 145 / 145
Net Capacity (liters) : 130 / 130
External Dimensions : 530x650 x1700 (LITE)/1900 (ADV)
 (W x D x H mm)

LCRF 260



Product Code : AKD701T
Temperature : 0°C / +15°C | -5°C / -20°C
Refrigeration Type : Forced air
Gross Capacity (liters): 200/200
Net Capacity (liters) : 180/180
External Dimensions : 600 x 650 x 2020
 (W x D x H mm)

LCRF 370



Product Code : AKF301T
Temperature : 0°C / +15°C | -5°C / -20°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300/300
Net Capacity (liters) : 265/265
External Dimensions : 750 x 750 x 2140
 (W x D x H mm)

LCRF 530



Product Code : AKG253T
Temperature : 0°C / +15°C | -5°C / -20°C
Refrigeration Type : Forced air
Gross Capacity (liters): 350/350
Net Capacity (liters) : 300/300
External Dimensions : 750 x 850 x 2080
 (W x D x H mm)

LCRF 625



Product Code : AKN653T
Temperature : 0°C / +15°C | -5°C / -20°C
Refrigeration Type : Forced air
Gross Capacity (liters): 700/700
Net Capacity (liters) : 625/625
External Dimensions : 1500 x 850 x 2080
 (W x D x H mm)

LCRF 1365

Laboratory Combination Refrigerator/Freezer

Blood Bank Refrigerators



Product Code : ACB107B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 115
Net Capacity (liters) : 110
External Dimensions : 620 x 670 x 830
(W x D x H mm)

BBR MD 110V



Product Code : ACB301B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 150
Net Capacity (liters) : 130
External Dimensions : 530 x 670 x 940
(W x D x H mm)

BBR MD 130



Product Code : ACC701B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300
Net Capacity (liters) : 270
External Dimensions : 600 x 670 x 1620
(W x D x H mm)

BBR MD 270



Product Code : ACD701B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 400
Net Capacity (liters) : 370
External Dimensions : 600 x 670 x 2020
(W x D x H mm)

BBR MD 370



Product Code : ACE401B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 470
Net Capacity (liters) : 440
External Dimensions : 600 x 770 x 1950
(W x D x H mm)

BBR MD 440



Product Code : ACF301B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 600
Net Capacity (liters) : 530
External Dimensions : 750 x 770 x 2080
(W x D x H mm)

BBR MD 530



Product Code : ACG251B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 700
Net Capacity (liters) : 625
External Dimensions : 750 x 870 x 2080
(W x D x H mm)

BBR MD 625



Product Code : ACJ251B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1030
Net Capacity (liters) : 925
External Dimensions : 1200 x 770 x 1950
(W x D x H mm)

BBR MD 925



Product Code : ACL601B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1295
Net Capacity (liters) : 1160
External Dimensions : 1500 x 770 x 2080
(W x D x H mm)

BBR MD 1160



Product Code : ACN651B
Temperature : +4°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1500
Net Capacity (liters) : 1365
External Dimensions : 1500 x 870 x 2080
(W x D x H mm)

BBR MD 1365

Blood Bank Refrigerators

Laboratory Freezers



Product Code : AEB301T
Temperature : -5°C / -22°C
Refrigeration Type : Forced air
Gross Capacity (liters): 145
Net Capacity (liters) : 130
External Dimensions : 530 x 650 x 940/840
(W x D x H mm)

LF130



Product Code : AEC701T
Temperature : -5°C / -22°C
Refrigeration Type : Forced air
Gross Capacity (liters): 300
Net Capacity (liters) : 270
External Dimensions : 600 x 650 x 1620
(W x D x H mm)

LF270



Product Code : AED701T
Temperature : -5°C / -22°C
Refrigeration Type : Forced air
Gross Capacity (liters): 400
Net Capacity (liters) : 370
External Dimensions : 600 x 650 x 1950
(W x D x H mm)

LF370



Product Code : AEE401T
Temperature : -5°C / -22°C
Refrigeration Type : Forced air
Gross Capacity (liters): 470
Net Capacity (liters) : 440
External Dimensions : 600 x 750 x 1950
(W x D x H mm)

LF440



Product Code : AEF301T
Temperature : -5°C / -25°C
Refrigeration Type : Forced air
Gross Capacity (liters): 600
Net Capacity (liters) : 530
External Dimensions : 750 x 750 x 2080
(W x D x H mm)

LF530



Product Code : AEG251T
Temperature : -5°C / -22°C
Refrigeration Type : Forced air
Gross Capacity (liters): 700
Net Capacity (liters) : 625
External Dimensions : 750 x 850 x 2080
(W x D x H mm)

LF 625



Product Code : AEJ251T
Temperature : -5°C / -22°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1030
Net Capacity (liters) : 925
External Dimensions : 1200 x 750 x 1950
(W x D x H mm)

LF925



Product Code : AEL601T
Temperature : -5°C / -25°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1295
Net Capacity (liters) : 1160
External Dimensions : 1500 x 750 x 2080
(W x D x H mm)

LF1160



Product Code : AEN651T
Temperature : -5°C / -25°C
Refrigeration Type : Forced air
Gross Capacity (liters): 1500
Net Capacity (liters) : 1365
External Dimensions : 1500 x 850 x 2080
(W x D x H mm)

LF1365



Product Code : AEV001T
Temperature : -5°C / -25°C
Refrigeration Type : Forced air
Gross Capacity (liters): 2300
Net Capacity (liters) : 2100
External Dimensions : 2250 x 850 x 2080
(W x D x H mm)

LF2100

Laboratory Freezers

Ultra-low freezers



Product Code : AHB251T
Temperature : -50°C / -86°C
Refrigeration Type : Static
Gross Capacity (liters): 135
Net Capacity (liters) : 125
External Dimensions : 805 x 810 x 1270
(W x D x H mm)

ULF 125



Product Code : AHC551T
Temperature : -50°C / -86°C
Refrigeration Type : Static
Gross Capacity (liters): 275
Net Capacity (liters) : 255
External Dimensions : 805 x 810 x 1840
(W x D x H mm)

ULF 255



Product Code : AHD701T
Temperature : -50°C / -86°C
Refrigeration Type : Static
Gross Capacity (liters): 390
Net Capacity (liters) : 369
External Dimensions : 805 x 940 x 2000
(W x D x H mm)

ULF 370



Product Code : AHE901T
Temperature : -50°C / -86°C
Refrigeration Type : Static
Gross Capacity (liters): 515
Net Capacity (liters) : 488
External Dimensions : 955 x 940 x 2000
(W x D x H mm)

ULF 490



Product Code : AHG051T
Temperature : -50°C / -86°C
Refrigeration Type : Static
Gross Capacity (liters): 640
Net Capacity (liters) : 607
External Dimensions : 1105 x 940 x 2000
(W x D x H mm)

ULF 605



Product Code : AHH251T
Temperature : -50°C / -86°C
Refrigeration Type : Static
Gross Capacity (liters): 765
Net Capacity (liters) : 726
External Dimensions : 1255 x 940 x 2000
(W x D x H mm)

ULF 725



Product Code : DAA120
Temperature : +10°C / -18°C
Refrigeration Type : Static
Net Capacity (liters) : 12
External Dimensions : 570 x 240 x 380
(W x D x H mm)

PRF 12



Product Code : DAA200
Temperature : +10°C / -18°C
Refrigeration Type : Static
Net Capacity (liters) : 20
External Dimensions : 660 x 290 x 430
(W x D x H mm)

PRF 20



Product Code : DDA223
Temperature : +10°C / -24°C
Refrigeration Type : Static
Net Capacity (liters) : 22
External Dimensions : 380 x 590 x 480
(W x D x H mm)

EPRF 22 C



Product Code : DDA323
Temperature : +10°C / -24°C
Refrigeration Type : Static
Net Capacity (liters) : 32
External Dimensions : 390 x 670 x 480
(W x D x H mm)

EPRF 32 C

Portable Refrigerator/Freezer

Portable Refrigerator/Freezer



Product Code : DDA563
 Temperature : +10°C / -24°C
 Refrigeration Type : Static
 Net Capacity (liters) : 56
 External Dimensions : 800 x 500 x 500
 (W x D x H mm)

EPRF 56 C



Product Code : DDA823
 Temperature : +10°C / -24°C
 Refrigeration Type : Static
 Net Capacity (liters) : 82
 External Dimensions : 940 x 560 x 550
 (W x D x H mm)

EPRF 82 C



Product Code : DDA224
 Temperature : +40°C / -24°C
 Refrigeration Type : Static
 Net Capacity (liters) : 22
 External Dimensions : 380 x 590 x 480
 (W x D x H mm)

EPRF 22 HC



Product Code : DDA324
 Temperature : +40°C / -24°C
 Refrigeration Type : Static
 Net Capacity (liters) : 32
 External Dimensions : 380 x 590 x 480
 (W x D x H mm)

EPRF 32 HC



Product Code : DDA564
 Temperature : +40°C / -24°C
 Refrigeration Type : Static
 Net Capacity (liters) : 56
 External Dimensions : 800 x 500 x 500
 (W x D x H mm)

EPRF 56 HC



Product Code : DDA824
Temperature : +40°C / -24°C
Refrigeration Type : Static
Net Capacity (liters) : 82
External Dimensions : 940 x 560 x 550
 (W x D x H mm)

EPRF 82 HC



Product Code : DCA150
Net Capacity (liters) : 15
External Dimensions : 450 x 303 x 303
 (W x D x H mm)

IC15



Product Code : DCA280
Net Capacity (liters) : 28
External Dimensions : 450 x 375 x 425
 (W x D x H mm)

IC28

Isothermal Container



Product Code : CAA600
Climatic Class : +16°C / +38°C (ST)
Water consumption : 1
 (liters/Kg)
External Dimensions : 450 x 620 x 680
 (W x D x H mm)

FIM 60



Product Code : CAA900
Climatic Class : +16°C / +38°C (ST)
Water consumption : 1
 (liters/Kg)
External Dimensions : 500 x 660 x 820
 (W x D x H mm)

FIM 90



Product Code : CAA950
Climatic Class : +16°C / +38°C (ST)
Water consumption : 1
 (liters/Kg)
External Dimensions : 500 x 660 x 930
 (W x D x H mm)

FIM 95



Product Code : CAB400
Climatic Class : +16°C / +38°C (ST)
Water consumption : 1
 (liters/Kg)
External Dimensions : 740 x 690 x 1050
 (W x D x H mm)

FIM 140



Product Code : CAB500
Climatic Class : +16°C / +38°C (ST)
Water consumption : 1
 (liters/Kg)
External Dimensions : 740 x 690 x 1150
 (W x D x H mm)

FIM 150



Product Code : CAC500B
Climatic Class : +16°C / +38°C (ST)
Water consumption : 1
 (liters/Kg)
External Dimensions : 870 x 790 x 1830
 (W x D x H mm)

FIM 250



Product Code : CBA180
Climatic Class : +16°C / +38°C (ST)
Water consumption : 4.5
 (liters/Kg)
External Dimensions : 540 x 430 x 470
 (W x D x H mm)

CIM 18



Product Code : CBA200
Climatic Class : +16°C / +38°C (ST)
Water consumption : 3.3
 (liters/Kg)
External Dimensions : 360 x 400 x 590
 (W x D x H mm)

CIM 20



Product Code : CBA240
Climatic Class : +16°C / +38°C (ST)
Water consumption : 3.3
 (liters/Kg)
External Dimensions : 390 x 470 x 610
 (W x D x H mm)

CIM 24



Product Code : CBA280
Climatic Class : +16°C / +38°C (ST)
Water consumption : 5.1
 (liters/Kg)
External Dimensions : 390 x 470 x 690
 (W x D x H mm)

CIM 28

Cube ice makers

Cube ice makers



Product Code : CBA330
Climatic Class : +16°C / +38°C (ST)
Water consumption : 5.1
 (liters/Kg)
External Dimensions : 500 x 590 x 820
 (W x D x H mm)

CIM 33



Product Code : CBA420
Climatic Class : +16°C / +38°C (ST)
Water consumption : 4
 (liters/Kg)
External Dimensions : 500 x 590 x 820
 (W x D x H mm)

CIM 42



Product Code : CBA460
Climatic Class : +16°C / +38°C (ST)
Water consumption : 4
 (liters/Kg)
External Dimensions : 500 x 590 x 930
 (W x D x H mm)

CIM 46



Product Code : CBA650
Climatic Class : +16°C / +38°C (ST)
Water consumption : 2.8
 (liters/Kg)
External Dimensions : 740 x 600 x 980
 (W x D x H mm)

CIM 65



Product Code : CBA800
Climatic Class : +16°C / +38°C (ST)
Water consumption : 2.8
 (liters/Kg)
External Dimensions : 740 x 600 x 1040
 (W x D x H mm)

CIM 80



BIOBASE

BPR-5V310



Laboratory Refrigerator

BPR-5V310 Specifications:

External Size(W-D-H) mm	620*575*1980
Capacity	310L
Temp. Range	2 °C~8 °C
Temp. Accuracy	0.1 °C
Control System	Microprocessor Control, Large Screen LED Display
Alarm	Audible and visual alarm for: High and low temperature, Power failure alarm. Sensor failure, Door ajar
Refrigeration Type	Forced air refrigeration system
Refrigerant	R600a, CFC Free
Condenser & Evaporator	Bundy tube condenser
Defrost	Auto Defrost
Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)
Internal Material	Embossed aluminum sheet
External Material	Cold-rolled steel coated with anti-bacteria powder
Shelves	5 pcs
Door	Glass door with electric heating
Consumption	180 W
Power Supply	LED Lamp, shelves, door keys, USS port, probe access port(BPR-5V588 & BPR-5V1000)
Standard Accessories	Temperature recorder
Optional Accessory	Optional Accessory
Package Size(W*D*H) mm	700*650*2030
Gross Weight	84 kg



BIOBASE

11231 BBC 86



Laboratory Refrigerator

Features:

1. Small dimension, save space.
2. Centrifugal fan, speed adjustable; H14 HEPA filter.
3. Motorized front window: The front window is motorized for convenient, one-hand operation.
4. Audio and visual alarm: Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm.
5. Time reserve function: This can save 30 minutes waiting time after activating the cabinet and the sterilization time after experiment.
6. Remote control: Each function can be realized 6 meters away from the cabinet by remote control, which can protect the operator under emergency.
7. Large LCD display: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator etc.
8. With memory function in case of power-failure.
9. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.

11231 BBC 86 Specifications:

External Size(W*D*H) mm	700*650*1230mm(without base stand)
Internal Size(W*D*H)	600*500*540mm
Tested Opening	Safety height 200mm(8")
Max Opening	370mm(15")
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
HEPA Filter	Two, 99.995% efficiency at 0.3µm. Filter life indicator
Front Window	Motorized. Single Layer toughened glass 5mm. Anti UV
Noise	≤67dB
UV Lamp	18W*2 / UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W*2
Illumination	≥1000Lux
Consumption	700W
Socket	Two, total load of two sockets: 500W
Display	LCD display
Control System	Microprocessor
Airflow System	70% air recirculation, 30% air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity, High filter pressure alarm.
Material	Work Zone: 304 stainless steel / Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with optional base stand
Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz
Standard Accessory	LED lamp*2, UV lamp*2, Remote control, Waterproof sockets*2, Base stand
Optional Accessory	SS Water tap*1, SS Gas tap*1

BIOBASE

BK-BC100A



Blood Collection Chair

Features:

1. Manual or electric control type for your choice.
2. Made of high-strength fiber material and poly-layer paint, more durable, easy to clean.
3. Designed with people-oriented idea, to meet the donor's sense of security and comfort, to alleviate the psychological pressure, to ensure an easier and enjoyable process.
4. Mattress using a high-quality medical polyurethane foam molding leather, easy for clean and maintenance, anti-static and anti-fouling properties superior to other similar products.

BK-BC100A Specifications:

Seat Section Size(mm)	1800*580
Seat Section Height(mm)	480
Backing Board Turning Angle	0~70°
Chair Backward and Forward Tilt Angle	15~°8°
Leg Plate Turning Angle	90~0°
Handrail Swing Out Angle	45~°0°
Handrail's Moving Distance	100mm
Handrail Board Size	160*500mm
Lifting Speed	25~3mm/s
Power Supply	AC220/110V±60/50 ,%10HZ
Reading Lamp Power	60W
Standard Accessories	Hand operation, handrail rack, small table
Optional Accessories	LED hose-type reading lamp; movable assistant desk; soft velvet cover
Load Capacity	220kg
Packing Size(W*D*H)	600*780*1500mm
Gross Weight	75kg





HCBT-01

^{13}C - Urea Breath Test



- ~ User-friendly design, smart & portable;
- ~ Compatible with HIS/LIS;
- ~ LCD touch screen;
- ~ Automatic result printing.



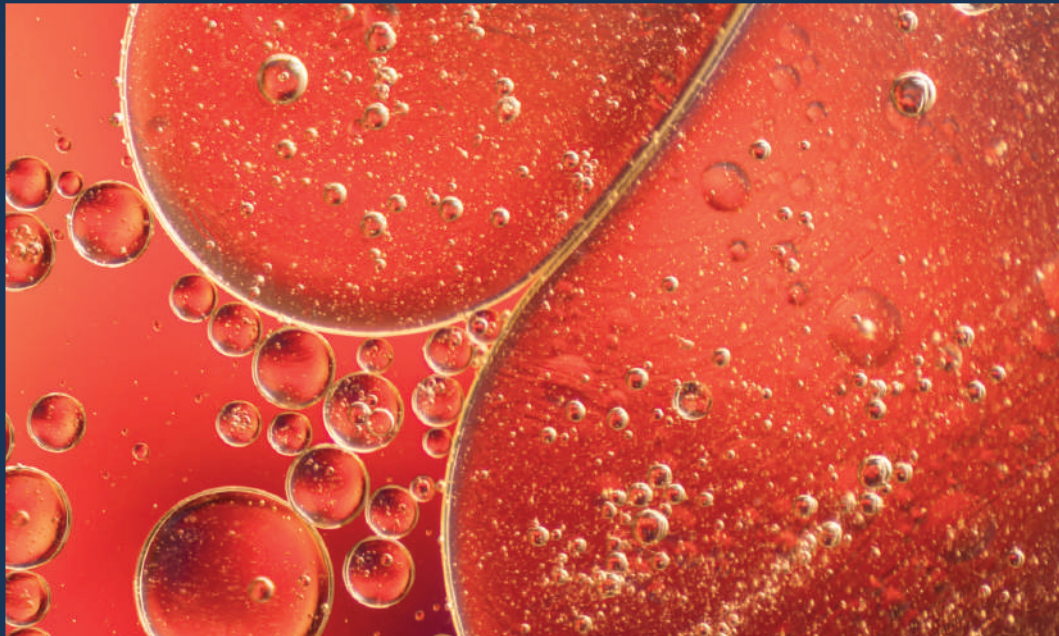
^{13}C -Urea Breath Test Kit

- ~ Applicable for any age and any group including children and pregnant women.
 - ~ Specification
1. ^{13}C -Urea capsule: 20 grains/package or 1 grain/package;
 2. Breath bag: 40 pcs/package or 2 pcs/package.



JSR

JS Research Inc.



JSGI-Series General Incubator is ideal for
bacterial, fungal, cell and tissue culture incubation temperature
range from ambient +5 oC to + 70 oC

General Specifications

Heating System	Forced Air Convection
Temp. Range	ambient +5 °C ~ 70 °C
Accuracy	± 0.2 °C at 37.0 °C (JSGI-050T)
Uniformity	± 0.5 °C at 37.0 °C (JSGI-050T)
Controller	JIC-CON 5th Generation Programmable Temperature Controller
Program	1 Pattern, 10 Steps, 1 ~ 999 (or unlimited) times repeat
	3-Zone Temperature Control Algorithm
	3-Point Temperature Calibration
	1-Point Temperature Offset Calibration
Sensor	Class A Pt-100 Ω Sensor
Safety	Over-Temperature Cut-Off
	Over Current Cut-Off
Material	Body - Epoxy Powder Coated Steel
	Chamber – Stainless Steel 304
	Inner Door – 5 mm thick Tempered Safety Glass
	including PVC coated wire shelf
	optional perforated stainless steel shelf
Electrical Data	220±10% VAC 50/60Hz 1-Phase
Plug config.	CEE 7/7 Schuko or BS 1363

MODEL JSGI-050T



Autoclave / Steam Sterilizer

Temp. Range	Maximum 123 °C
Accuracy	± 0.5 °C at 121 °C
Uniformity	within + 2.0 °C above 121 °C
Pressure	up to 0.12 Mpa
Control	Fully Automatic Sterilization Process
	Microprocessor PID Control
	Auto START / STOP Timer
Sensor	Class A Pt-100 Ω Sensor
Safety	Safety Door Lock
	Over-Temperature Cut-Off
	Over-Pressure Cut-Off
	Over Current Cut-Off
Material	Body - Epoxy Powder Coated Steel
	Chamber – Stainless Steel 304
	Service Basket -Stainless steel 304 wire basket
Electric	220±10% VAC 50/60Hz 1-Phase
Plug config.	CEE 7/7 Schuko or BS 1363 or 30 AMP





Laboratory incubator



- ~ Microprocessor control,
- ~ Digital display setting and actual temperature
- ~ Over temperature alarm, PID self-tuning
- ~ Digital display running timer,
- ~ Stainless steel interior
- ~ Electricity leakage protection.
- ~ With glass inner door, With hidden door locks,
- ~ Mechanical overheat protection, cut off the heating sources
- ~ Automatic alarm after operation

IB-9052A



Prestige Medical

PART OF **Tuttnauer** LTD.



Medical autoclave



- ~ Features the unique FlexiRack tray and load management system
- ~ New integrated stainless steel waste water tank and a high performance cooling system for faster cycle times
- ~ 16 Litre chamber capacity
- ~ Multiple water feed and drain options
- ~ Clear, backlit LCD display with simple user friendly 6 push button control system
- ~ Six cycle stage indicator lights
- ~ New easy fit gasket system
- ~ Supplied as standard with an integrated data logger and SD memory card

ADVANCE PRO

memmert

Standard delivery Universal oven



The universally applicable lab oven U is Memmert's classic appliance for temperature control in science, research and material tests in industry. The technologically perfected masterpiece made of high-quality, hygienic, easy-to-clean stainless steel leaves nothing to be desired in terms of ventilation and control technology, overtemperature protection and precisely tuned heating technology.

UF30

eppendorf

Research Plus Fixed-Volume Pipettes



- Volume adjustment: Only a few turns to reach your desired volume
- Control button: Very low operating force, colour indicates pipette volume, positioned for perfect ergonomics
- Ejector: Very low operating force, positioned for perfect ergonomics
- Volume display: 4 digits, magnifying shape
- Secondary adjustment display and opening. Adjust your pipette to a liquid very different than water
- Eppendorf PerfectPiston™: Ultra light piston made of Fortron®
- Quick connection clip: Remove lower part easily (not in 10 µl pipettes)
- Spring loaded tip cone: Improved ergonomics, tight fit to the tip

1226R28 – Pipette Research Plus, Fixed 1000µL



Research Plus Adjustable-Volume Single-Channel Pipettes



- ~ Volume adjustment: Only a few turns to reach your desired volume
- ~ Control button: Very low operating force, colour indicates pipette volume, positioned for perfect ergonomics
- ~ Ejector: Very low operating force, positioned for perfect ergonomics
- ~ Volume display: 4 digits, magnifying shape
- ~ Secondary adjustment display and opening
Adjust your pipette to a liquid very different than water.
- ~ Eppendorf PerfectPiston™: Ultra-light piston made of Fortron® (not in 2.5 µl, 10 µl, 5 ml and 10 ml pipettes)
- ~ Quick connection clip: Remove lower part easily (not in 5 ml and 10 ml pipettes)
- ~ Spring-loaded tip cone: Improved ergonomics, tight fit to the tip (not in 5 ml and 10 ml pipettes)

1226R07 - Pipette Research Plus, 2.5-0.1µL

1226R08 - Pipette Research Plus, Grey, 10-0.5µL

1226R10 - Pipette Research Plus, Yellow, 20-2µL

1226R11 - Pipette Research Plus, Yellow, 100-10µL

1226R14 - Pipette Research Plus, Blue, 1000-100µL

1226R15 - Pipette Research Plus, Violet, 5-0.5mL

1226R16 - Pipette Research Plus, Turquoise, 10-1mL



Traceable® Digital Humidity Temperature/Dew Point Meter



1204N56

Convenient triple memories recall minimum/maximum readouts for relative humidity, dew point, and temperature. Simultaneously displays all three current readings. Always-on feature allows for monitoring conditions all night, over weekends, and for extended time periods. Audible and visual LED alarm may be set to trigger at three different humidity readings (55%, 60% or 65%). Solid state sensors deliver response times of less than 30 seconds. Oversized display supplies updates once a second.

Relative humidity range: 1 to 99%. Resolution: 1%. Accuracy: $\pm 2\%$ mid-range, $\pm 4\%$ elsewhere. Ambient temperature and dew point range: 14 to 140°F (-10 to 60°C). Resolution: 1°. Accuracy: $\pm 1^\circ\text{C}$. To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Size: 2? x 3? x ? inches. Weight: 6 ounces. Case: durable, chemical and shock-resistant ABS plastic. Supplied: wall mount, batteries, and Traceable® Certificate.

Traceable® Remote Alarm Rh/ Temperature Monitor



1235C96

Features include minimum/maximum memory and RH and temperature alarm. Unit measures 4 1/4" x 2 3/4" x 3/4" and weighs 4 ounces. Monitors are provided with an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

It is ideal for routine measurements, monitoring round-the-clock, all quality-control needs, and critical experimental requirements.

PH Range: 5.0 to 95.0%
RH Resolution: 0.1% RH
RH Accuracy: $\pm 3\%$ RH from 25-75%, $\pm 5\%$ otherwise
of Probes: 1 Ambient Internal Probe
Ambient Temperature Range: 0.0 to 60.0°C (32.0 to 140.0°F)
Ambient Temp Resolution: 0.1°
Ambient Temp Accuracy: $\pm 0.5^\circ\text{C}$

LCD Digit Size: 1/2 in
Dimensions: 4-1/4"x3/4"x2-3/4"
Weight: 4 ounces
A/C Plug (Y/N): N
Traceable: Y
CE Marked: Y

4-Channel Alarm Timer



9371W52

Four channel big-digit timer has a 0.75" high display that allows for far away viewing. Micro-computer chip permits setting four separate channels. Set any time from 99 hours, 59 minutes and 59 seconds, to one second. When zero is reached, the timer begins counting up to show time elapsed since alarming. Features also include stopwatch, time out and time of day clock. Utilize all four channels at once in any combination to count down or up (stopwatch). At the touch of a button, the memory returns the display to the previously programmed countdown time. Extra loud alarm sounds for one minute or may be silenced manually. Magnetic back, flip open easel for standing upright, a spring fastener for clipping and an opening for lanyard, are the options for displaying. Accuracy is 0.01%. Supplied with a 2-year silver oxide battery. Power: 1.5 silver oxide battery type 357.

Easy on the eyes
High-decibel alarm
NIST Traceable® certificate
Four channels
Perfect for repetitive testing

VeinSight™

VS400



VS400 is the classic model of VeinSight™, which is handheld and lightweight, allowing medical staff to verify vein patency and avoid valves or bifurcations. It is easily converted to hands-free with wheeled mobile stands or fixed stands.

VS400 has five colors for option. Medical staff can choose the color most suitable and comfortable to see when they use.

VS400 has three sizes. Medical staff can choose small size on children so they can really focus on the specific area.



Lab Startup Kit



Forceps (L) (QTY. 2)



Pasteur Pipettes 1ml, 500pcs/bag, (QTY. 1)



Parafilm 4inX125ft, (QTY. 1)



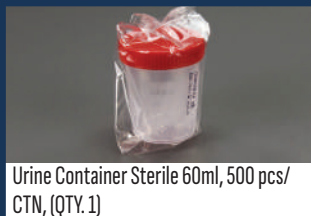
Gloves, Size S, (QTY. 1)
Gloves, Size M, (QTY. 1)
Gloves, Size L, (QTY. 1)



Blood Collection Set, 23G with Crew Long 300mm – IMP (QTY. 200)



Anti A, B, D (IgG+Igm), 3X10 – A, (QTY.1)



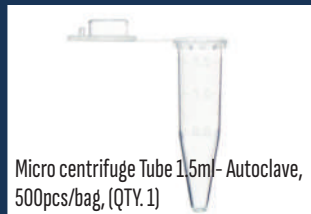
Urine Container Sterile 60ml, 500 pcs/ CTN, (QTY. 1)



Urine Strips 11 PARA – YD, (QTY. 1)



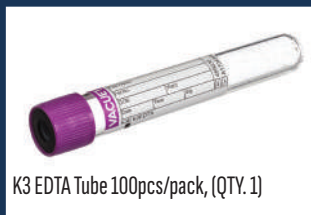
Pipette Tips, Yellow 200ul, 1000pcs/ bag, (QTY. 1)



Micro centrifuge Tube 1.5ml- Autoclave, 500pcs/bag, (QTY. 1)



Pipette Tips, Blue 1000ul, 1000pcs/bag, (QTY. 1)



K3 EDTA Tube 100pcs/pack, (QTY. 1)



Red Cap Clot Activator Tubes, 100 pcs/ pack, Improve, (QTY.1)



Red Cap no additive tube 4ml, 100pcs/ pack, (QTY. 1)

Others:



Biphasic Defibrillator



Eye Wash Station



Examination Screen (4 Panel)



Examination Table



FOOT STEP SINGE STEP



Trolley



EMERGENCY CART





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