Since 2001

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Smart Labtech Pvt. Ltd.

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www.smartlabtech.net

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An ISO 9001 : 2015
Certified Company

Born to Rule...

MAKE IN INDIA

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Smart Labtech with its long standing operations in the Scientific Community, emerging as Manufacturers for supply of Quality and Time tested Products in Quality Control, R & D Laboratories taking Make in India concept as main Drive. Products include the spectrum of completely made in House and some of them are of OEM Made. *Smart Labtech* is committed to deliver Reliable Products with Proven technology and user friendly features. The Company takes Great Pride in providing Comprehensive, responsible support and assistance to every customer. *Smart Labtech* is an ISO 9001-2015 certified, catering to Various segments of Customers across Pan India.

Smart Labtech head quartered at Hyderabad India with good Sales and distribution covering pan India for the last Two decades. The trust and confidence made *Smart Labtech* to enter its activity into Manufacturing Arena. The Effective Services that is offered to our Customers made *Smart Labtech* a Trusted and Reliable technical solution Provider that has driven to have strong bonding with our Customers

Why Choose Smart Labtech

- CUSTOM AND STANDARD SOLUTIONS TO MEET YOUR SPECIFICATIONS
- QUALITY MAINTENANCE AND RAPID AFTER SALES-SERVICE
- SUPPORT TAKE EVERY POSSIBLE OPPORTUNITY FOR IMPROVEMENT
- EFFICIENT AND RELIABLE TECHNOLOGY
- PERFECT COMBINATION OF TECHNOLOGY AND OFFERINGS

PV SATYA PRASAD
Managing Director

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ECOSAFE · Reagecon · BOUREVESTNIK · memmert Experts in Thermostatics · interscience for microbiology · BIOMÉRIEUX · VELP SCIENTIFICA · SPINCHEM · sartorius mechatronics · Waters THE SCIENCE OF WHAT'S POSSIBLE · HANNA instruments · ZEISS We make it visible. · Nabertherm MORE THAN HEAT 30-3000°C · ERWEKA · PLAS·LABS Anaerobic Glove Box · ARCTIKO The art of simplicity · ChromNik ChromaNik Technologies Inc. · CHROMATEC · OMNI INTERNATIONAL · BROOKFIELD AMETEK

Your Preferred & Perfected One Supplier For...

- Electronic Weighing Balances
- Water Purification Systems
- Ion Meters / pH Meters / Cond. Meters
- UV visible Spectrophotometer
- HPLC Analyzer / Columns
- Rotating Bed Reactors
- FT-IR & FT- NIR Spectrophotometer
- Atomic Absorption Spectrophotometer
- ICP / ICP-MS
- Viscometers

- Gas Chromatography / GC-MS
- Microscopes
- Low Temp Deep Freezers
- NIST Standards
- Tablet Hardness
- Tablet Dissolution
- Friability Testers
- XRD/XRF
- Particle Counting
- Refractometers / Density Meters

- Ultrasonic Homogenizer
- HPLC solvents
- High Temperature Muffle Furnace
- CO_2 Incubators
- Centrifuges
- Duct less Fuming / Storage Cabinets
- Anaerobic Chamber / Glove Boxes
- 3D Laser Scanners
- Pumps & Samplers
- Other General Labtoratory Equipments

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SMART SOLVENT SAVER HPLC BOTTLE

FEATURES

- Cost saving Bottle for HPLC Solvents
- Maximum utilisation of Mobile phase
- No tilting of Bottle
- Compatible to any HPLC, any filter
- Available in different volumes, flint & amber (500ml,1 lt, 2lt 5 lts,10 lts)
- Low expansion 3.3. grade borosilicate glass
- Mechanically strong & chemical resistant

500ml   **1 Litre**

TECHNICAL DATA SHEET

Volume (mL)	500	1000	2000	5000	10000
Code	SSS500	SSS1000	SSS2000	SSS5000	SSS5000
MOC	Borosilicate 3.3 transparent				
Height in mm	250	270	350	425	510
Body Dia in mm	90	196	140	175	200
LID	GL 45 threaded PP Cap				
Weight in g	538	550	1150	2000	2750
OFC (mL)	696	1255	2590	5800	11000

TERMS & CONDITIONS

1. **ORDER PLACEMENT**
   All orders to be placed on Smart Labtech Pvt. Ltd., Plot no.75B, Sy, #735, SV Co-op Industrial Estate, Phase 2, Balanagar, Hyderabad 500037
2. **PRICE :** Prices are Ex-works Hyderabad.
3. **TAXES AND DUTIES :** GST Extra as applicable
   Exclusions
   * Local Duties /Taxes and other if any, as applicable.
   * Any delivery charges to customer's facility.
   * Any on-site installation or electrical wiring.
   * Any item not specifically mentioned.
   * Force Majure : Deliveries and Installations are subject to force majure conditions such as social disturbances, natural disasters and other conditions which are beyond our control.
4. **FREIGHT :** At actuals or "freight To pay basis" to be borne by the buyer
5. **PAYMENT TERMS :** 100% Advance along with the order
6. **INSURANCE:** Inclusive
7. **WARRANTY :** Standard Warranty Applicable. Please checkup for the Extended Warranty
   * Warranty is not applicable on consumables and wear & tear
   Warranty voids if :
   1. Any mis utilization of the equipment
   2. Any Intentional damages or breakage observed
   3. The system damage due to power fluctuations
8. **VALIDITY :** The price, terms and conditions in this quotation is valid for 30 days from the date of the offer after which it may be subject to review.
9. **AFTER SALES SERVICE MAINTENANCE POLICY:** Maintenance and Repair will be also provided by us.
10. **CALIBRATION :** Master Testing Equipment required for calibration will be provided by the buyer.
11. **SAFETY REQUIREMENTS**
   (a) We will supply equipment that conforms to the safety based on our safety regulations. It is Buyers responsibility to notify us of any overriding local safety standards at the time of ordering. If the local standards increase our manufacturing or installation costs, buyer will have to pay such increased costs. (b) It will normally be necessary for us to interface our equipment with other equipment. Buyer will be responsible for ensuring the safety requirements as these interfaces comply with the applicable standards. (c) We will not be liable for any injury, loss or damage that occurs as a result of your failure to install, operate or maintain the equipment in accordance with the safety operating procedures identified in our installation, operating, and maintenance manuals.
12. **DISPUTE RESOLUTIONS**
   Any dispute arising from the Contract will be mediated in Hyderabad, Telangana. The parties will fully co-operate in the mediation and will use their best endeavours to settle the dispute by mediation. All the disputes are subjected to Hyderabad, Telangana Jurisdiction.

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HEATING MANTLE

- Aluminium housing and Powder Coated Finish in REGULAR MODEL
- Body & Housing of SS 304 in GMP MODEL.
- Thick hand knitted fibre glass netting and High quality insulation.
- Energy regulator – power controller.
- Maximum surface temperature 350°C and Bigger sized Booster heaters.
- Usable with round bottom flask
- Sizes available from 50 ml to 200 Ltrs

MODEL	FLASK CAPACITY	WATTS
SHM -0.5	500 ml	200
SHM -1	1 Litre.	300
SHM -2	2 Litre.	450
SHM -3	3 Litre.	500
SHM -5	5 Litre.	600
SHM -10	10 Litre.	2 x 500

Other sizes on request

HOT PLATE

SRC – Round Type

- Single and Double Heating Plates with Temperature Regulation
- The aluminum alloy heating plates are coated with a special protective layer for uniform heat distribution.
- Excellent resistance to chemicals

SREC- Rectangular Type

- Digital hot plate with white ceramic heating plate, for excellent resistance to chemicals and scratches and easy to clean.
- Innovative technopolymer body, ideal for premium resistance to acids, bases and solvents.
- Ensures maximum protection against leakages with the elevated front panel, dedicated run-off grove and "Hot Plate Warning".
- Microprocessor technology ensures fast heating and provides precise temperature setting.

SRC – Round Type   **SREC- Rectangular Type**

Model	Heating Plate	Hot Plate Dim -mm	Temp (deg C)	Power
SRC	Aluminum alloy	155 dia	Ambient to 370	600 W
SRC2	Aluminum alloy	155 dia	Ambient to 370	1200 W
SREC	Ceramic	180 x 180	Ambient to 550	800 Waa

All the above models are supplied with Over temperature Protection

HOT AIR OVEN

Features

- Chamber Capacity from 45 Ltrs to 515 Ltrs
- Microprocessor based PID Controller
- Double Walled construction with inner made of SS 304 and exterior of painted steel.
- High quality glass wool insulation
- A fully insulated door with sturdy S.S. hinges and gasket for perfect sealing.
- Natural Air Convection for Model SHO-45 and Force air-circulation by motorized blower
- Galvanized wire mesh shelves / choice to select S.S. wire mesh shelves.
- Temp. Range : RT+ 250°C(300°C optional)/ ± 1° C
- Temperature Sensor Failure Alarm
- Adjustable Shelves

2 Yrs Warranty

CAT No.	Inner Size L x D x H	Capacity (Cft /Ltrs)	Heater Load	Shelves	Temp Accuracy	Air Circulation
SHO 45	14" x 14" x 14"	1.6	45	1500	2	± 1°C	Gravity
SHO 90	18" x 18" x 18"	3.4	96	2000	2	± 1°C	Forced
SHO-125	18" x 18" x 24"	4.5	128	2500	3	± 1°C	Forced
SHO 225	24" x 24" x 24"	8	228	3000	3	± 1°C	Forced
SHO 350	24" x 24" x 36"	12	342	3500	3	± 1°C	Forced

*Door with Viewing Window is optional; Models with this feature are suffixed with 'W' Eg SHO 45W

INDUSTRIAL PLATFORM SCALES

MGB/MGX SERIES CLASS III

FEATURES

- Up to 15000 Count Resolution
- Platform is SS 304
- Base Plate is Painted Steel (SS Optional)
- Load Cell Aluminum IP 65 (IP 67/IP 68 with SS Optional)
- Pole SS
- Indicator FRP Body (SS Optional) with RS 232C Interface
- Flame Proof /Atex Versions for Zone 1, Zone 2, Zone 22 areas

	MODELS & TECHNICAL SPECIFICATIONS					
Model	Capacity (kg)	Readability (g)	Platform Size (mm)	Platform/ base Plate MOC	Load Cell MOC	No. of Load Cells
MGB-3-ED/CD	3	0.5/0.2	320x240	SS / MSP	Aluminium	1
MGB-6-GD/ED	6	1/0.5	320x240	SS / MSP	Aluminium	1
MGB-15-ID/GD	15	2/1	320x240	SS / MSP	Aluminium	1
MGX-30-KJ/IJ	30	5/2	400/300	SS / MSP	Aluminium	1
MGX-60-ML/KL	60	10/5	500x400	SS / MSP	Aluminium	1
MGX-150-PN/MN	150	20/10	650x500	SS / MSP	Aluminium	1
MGX-300-SR/PR	300	50/20	800x600	SS / MSP	Aluminium	1
MGX-600-UT/ST	600	100/50	1000x1000	SS / MSP	Aluminium	4
MGX-1500-WX/UX	1500	200/100	1500x1250	SS / MSP	Aluminium	4
MGX-3000-YZ/WZ	3000	500/200	2000x1500	SS / MSP	Aluminium	4

MX / MXP SERIES CLASS II

SALIENT FEATURES

- UP to 30000 Count Resolution
- Platform is SS 304
- Base Plate is Stainless Steel
- Load Cell SS IP 67 (IP 68 Optional)
- Pole SS
- Indicator with SS Frame RS 232C Interface (Bluetooth Option)
- Flame Proof /Atex Versions for Zone 1, Zone 2, Zone 22 areas

	MODELS & TECHNICAL SPECIFICATIONS					
Model	Capacity (kg)	Readability (g)	Platform Size (mm)	Platform/ base Plate MOC	Load Cell MOC	No. of Load Cells
MX-3-AD	3	0.1	320x240	SS	SS	1
MX-6-CD	6	0.2	320x240	SS	SS	1
MX-15-ED	15	0.5	320x240	SS	SS	1
MXP-30-GJ	30	1	400/300	SS	SS	1
MXP-60-IL	60	2	500x400	SS	SS	1
MXP-150-KN	150	5	650x500	SS	SS	1
MXP-300-MR	300	10	800x600	SS	SS	1
MXP-600-PT	600	20	1000x1000	SS	SS	4
MXP-1500-SX	1500	50	1500x1250	SS	SS	4

VACUUM PUMPS

WOB-L® 2522C-02

SALIENT FEATURES

- Piston Design, Easy Maintenance
- For Aqueous Sample Vacuum Applications
- Efficient Vacuum Utility for Flexible Use
- Oil-free
- Vacuum and pressure adjustments with gauges, liquid traps at inlet & outlet, liquid shutoff at inlet noise reduction.

SPECIFICATIONS:

Model	Standard Duty Dry Vacuum Pump WOB-L 2522, 230V, 50/60Hz
Pumping Speed	18 l/min
Ultimate Pressure	133 mbar
Tubing Needed	DN 8 mm
Dimensions WxDxH	206x224x254 mm
Weight	7.7 kg

MPC 302 Z

FEATURES

- Analytically pure, oil free vacuum
- User friendly, Lightweight, rugged design
- Designed for permanent operation
- Maintenance-free drive system and proven long diaphragm life
- Minimal operation vibration
- Significantly improve flow and vacuum performance in the application critical range
- Superior chemical resistance
- Stabilised process flow, Enhanced repeatability

Parameter	MPC 302 Z
Number of heads/stages	2 / 2
Free Air Displacement, m³/h	2.6
Free Air Displacement, l/min	43
Ultimate pressure, mbar	5
Intake connection	DN 16 KF/ Hose nozzle DN 8
Exhaust connection	Hose nozzle DN 8
Sound level (dBA)	<44
Dimensions (B/T/H), mm	233/260 /171
Weight, kg	11.2
Power	230V 50/60Hz

SPECTROPHOTOMETER

Smart 2000V, Smart4000& , Smart4000V

Smart 8000 & Smart 9000

- High precision, High stability
- D2 lamp, Tungsten lamp-stable, Accuracy
- Built in computer with windows operating system
- Color touch screen
- GLP/GMP

- Single beam -High precision ,High stability
- D2 lamp, Tungsten lamp-stable, Accuracy
- Color touch screen

MODEL	Smart 2000V	Smart 4000 Smart 4000V	Smart 8000	Smart 9000
Optical system	Single beam		Double beam	
Light Source	D2 lamp, Tungsten lamp Tungsten lamp		D2 lamp, Tungsten lamp	
Wavelength Range	320-1050nm	190-1100nm 315-1100nm	190-1100nm	
Spectrum Bandwidth	2nm	4nm	2nm	1nm	0.5/1/2/4/5 Auto Adjustable
Spectrum scanning	No	Yes		
Dsiplay	5 inch Color Touch screen		10.1 inch Color Touch screen	
Operating system	-		Microsoft windows	
Output	USB, Serial Port, Bluetooth (optional)		USB, Ethernet, HDMI, VGA, WIFI (Optional), Bluetooth (Optional)	

WEIGHTS AND WEIGHT BOXES

FEATURES

- OIML approved
- Available in E1/E2/F1 classification
- Weights are available in Boxes/ Individual weights
- With DKD/NABL certifications
- Available in Polygonal/Wire Weight in mg Variants
- Available in wooden boxes/Aluminum cases for weight sets

HOT AIR OVEN – PREMIUM MODELS -GMP

- Temperature Ranging from +5°C above ambient to… +300°C/ Resolution of 0.1 deg C
- Microprocessor with external LCD graphic display (Colour Touch Screen Controller optional)
- Solid Door /door with viewing window (option)
- Interior made of acid-proof stainless steel to DIN 1.4301 and Outer Made of stainless steel linen finish(option)
- Over Temperature Protection

CAT No.	Overall dims W x H x D (mm)	Chamber Capacity(L)	weight [kg]	Max unit workload	Shelves (std/max)	Nominal Power(W)	Air Circulation
SLN 75	590 X 850 X 620	76	60	40	2/5	1700	Natural
SLW 115	650 X 850 X 710	112	65	60	2/7	2500	Forced
SLW 180	650 X 1030 X 820	180	94	75	3/9	2800	Forced
SLW 240	810 X 1200 X 770	245	126	90	3/10	3100	Forced

2 Yrs Warranty

LABORATORY INCUBATOR (BACTERIOLOGICAL INCUBATOR)

FEATURES:

- Chamber Capacity from 45 Ltrs to 515 Ltrs
- Double walled construction with inner made of Stainless Steel 304 with exterior of M.S sheet duly finished in epoxy powder coated-shade.
- Inner made of SS304 and outer made of Painted steel (SS304 incase of GMP models).
- High quality glass wool insulation between inner wall and outer wall to prevent heat loss.
- A fully insulated door with sturdy S.S hinges and gasket for perfect sealing.
- Microprocessor based PID Controller
- Natural Air Convection for Model SBI-45
- Forced air circulation by motorized blower for Higher Capacity Models.
- Galvanized wire mesh shelves or choice to select wire mesh sleeves.
- Temp. Range: RT +5 °C to 70ºC & Temp. Accuracy: ±1ºC
- Temperature Sensor Failure Alarm

2 Yrs Warranty

CAT No.	INNER SIZE L X D X H	Capacity CFT	Capacity LTRS	HEATING LOAD	SHELVES	Temp Accuracy	Air
SBI 45	14" x 14" x 14"	1.6	45	1500	2	±1°C	Gravity
SBI 90	18" x 18" x 18"	3.4	96	2000	2	±1°C	Forced
SBI -125	18" x 18" x 24"	4.5	128	2500	3	±1°C	Forced
SBI -225	24" x 24" x 24"	8	228	3000	3	±1°C	Forced
SBI -350	24" x 24" x 36"	12	342	3500	3	±1°C	Forced
SBI -515	28" x 28" x 40"	18	515	4000	3	±1°C	Forced

*GMP models are suffixed with G, Eg: SBI 45G
*Door with Viewing Window is optional, Models with this feature are suffixed with 'W' Eg SBI 45W

COOLED INCUBATOR

DESCRIPTION

- Chamber interior is 304 type stainless steel and exterior finished with epoxy powder coated shade; S.S. wire mesh shelves
- A solid state temperature controller with digital indicator.
- Equipped with hermetically sealed compressor, fan cooled condenser and over load protected cooling system – CFC free cooling system.
- Mechanical convection system (motorized blower) ensures even air distribution within the chamber.
- High grade insulation between the chamber minimize the heat exchange
- A full length inner glass door having positive door gasket seals door perfectly.
- Accuracy: ±0.5ºC.

CAT No.	Capacity	INNER CHAMBER SIZE L X D X Ht	HEATER RATING WATTS	TEMP. RANGE	SHELVES
SIC-14R	3.4 CFT / 96 LTRS	18" X 18" X 18"	300	5°C to 60°C	2
SIC -14RA	6 CFT / 170 LTRS	20" X 18" X 32"	300	5°C to 60°C	3
SIC -14RB	10 CFT / 285 LTRS	24" X 22" X 36"	500	5°C to 60°C	3
SIC -14RC	12 CFT / 320 LTRS	24" X 24" X 36"	750	5°C to 60°C	3
SIC -14RE	12 CFT / 320 LTRS	28" X 28" X 40"	1000	5°C to 60°C	3

2 Yrs Warranty

COOLED INCUBATOR – PREMIUM MODELS

Features:
- Forced Air Convection
- Microprocessor with External LCD graphic display
- Temperature Range : +3 to 40 deg C
- Extendable upto 100 Deg C (Optional)
- Lower Temperature upto -10 Deg C (Optional)
- Temperature Resolution 0.1 Degc
- Over temperature Protection
- Solid Door/ Door with Viewing Window (Option)
- Interior Aluminium as Standard /
  Acid Proof Stainless Steel (Option)
- Housing made of Powder coated sheet/
  Stainless steel (Option)
- Colour Touch Screen Controller available
  as option

2 Yrs Warranty

MODEL	overall dims [mm]	Working Capacity (Ltrs)	Volume (Ltrs)	weight [kg]	Shelves Fitted/ max
ST1	570x600x680	55	70	32	2/2
ST2	620x860x650	122	150	54	3/4
ST4	620x1260x650	203	250	69	4/6
ST5	620x1460x650	243	300	75	4/7
ST500	660x1990x810	386	500	105	3/11
ST1450	1450x1970x950	1307	1460	200	2x3/11

CO₂ INCUBATOR

Features:
- Interior made of Type 304, mirror finish, stainless steel
- Exterior made of Electrolyzed galvanization steel, powder coated
  in Air Jacketed & Cold-rolled steel, power coated in water Jacketed systems
- Microprocessor Temp. control system
- PT1000 Temperature Sensor
- Temp. Range 5°Cabove ambient temperature to 50°C
- Temp. Uniformity ±0.2, Temp. Stability ±0.1
- CO_2 Inlet pressure - 0.1 MPa
- Microprocessor CO_2 control system
- CO_2 sensor -Thermal conductivity
- CO_2 range/ Stability -0 to 20% / ±0.1%
- Air Filter : 0.3µm, Efficiency:99.998% (for CO_2)
- Standard RS232 Data Interface Port

Alarms: Power interruption * High/low temperature * Deviation of CO_2 * RH * Door ajar * Independent overheat protection

SPECIFICATIONS:

MODEL	SCOIN160W	SCOIN240	SCOIN150UV	SCOIN212UV
Interior Volume	185L/6.5cu.ft.	240L/8.5cu.ft.	151L/5.3cu.ft.	212L/7.5cu.ft.
Water Jacket Volume	43.5L/1.54cu.ft.	-	-	-
Inner door	one inner door standard	6 mini inner doors optional	one inner door standard	one inner door standard
Heating method	Water Jacket	Direct Heat & Air Jacket (DHA)		
Humidifying system	Humidity pan	Special designed water reservoir		
Relative humidity	≥95%	≥95%	≥95%	≥95%
Water reservoir volume	3L	3L	4L	6L
Shelf construction	Type 304, mirror finish, stainless steel			
Standard/ Maximum	3/11	3/12	3/10	3/12
Remote alarm contacts	Standard			
De-contamination	HEPA filter system	90C moist heat disinfection	UV lamp	UV lamp
Rated power	430 W	735W	600W	700W

CONDUCTIVITY METER

AD3000

Professional Multi-Parameter Conductivity-TDS-TEMPERATURE Bench Meter with GLP

- Microprocessor-based conductivity, TDS and temperature meter.
- The autoranging feature of the EC and TDS ranges automatically sets the instrument to the scale with the highest resolution.
- Measurements are compensated for temperature effect automatically (ATC) or manually (MTC) with the conductivity probe with built-in temperature sensor. It is also possible to disable the temperature compensation and measure the actual conductivity.
- The temperature coefficient is user selectable. The instrument is equipped with a stability ind when measurement is to be recorded.
- GLP capability. In addition, the meter allows the user to enter an ID code to uniquely identify the instrument.

Range	Resolution	Accuracy (@20°C/68°F)
-0.00 to 19.99 µS/cm; 0.00 to 9.99 ppm 20.0 to 199.9 µS/cm; 10.0 to 99.9 ppm 200 to 1999 µS/cm; 100 to 999 ppm 2.00 to 19.99 mS/cm; 1.00 to 9.99 ppt 20.0 to 199.9 mS/cm; 10.0 to 99.9 ppt -9.9 to 120.0°C	0.01, 0.1, 1 µS/cm; ppm 0.01, 0.1 mS/cm; ppt 0.1°C	±1% f.s. (EC/TDS) (@20°C/68°F) ±0.5°C

MULTI PARAMETER AD8000

- Microprocessor-based pH, ORP, conductivity, TDS and temperature bench meter. Relative mV feature is also provided.
- The autoranging feature of the EC and TDS ranges automatically sets the instrument to the scale with the highest resolution.
- pH measurements are compensated for temperature effect automatically (ATC) using AD5006 temperature probe, while the EC readings can be compensated automatically (ATC) using the conductivity probe with built-in temperature sensor or manually (MTC).
- It is also possible to disable the temperature compensation and measure the actual conductivity. The temperature coefficient is user selectable.
- The pH calibration can be performed at 1, 2 or 3 points with five memorized(buffers (pH 4.01, 6.86, 7.01, 9.18, 10.01))
- AD8000 is provided with calibration timeout alarm, GLP feature to view last calibration data and automatic HOLD feature to freeze the first stable reading on the LCD.

Professional Multi-Parameter pH/ORP/Conductivity/ TDS/TEMPERATURE Bench Meter with GLP

Range	Resolution	Accuracy (@20°C/68°F)
2.00 to 16.00 pH /-2.000 to 16.000 pH ±699.9 mV / ±2000 mV 0.00 to 19.99 µS/cm; 0.00 to 9.99 ppm 20.0 to 199.9 µS/ cm; 10.0 to 99.9 ppm 200 to 1999 µS/cm; 100 to 999 ppm 2.00 to 19.99 mS/cm; 1.00 to 9.99 ppt 20.0 to 199.9 mS/cm; 10.0 to 99.9 ppt -9.9 to 120.0°C (pH range) 0.0 to 100.0°C (EC range)	0.01 pH / 0.001 pH 0.1 mV (±699.9 mV) / 1 mV (±2000 mV) 0.01, 0.1, 1 µS/cm; ppm 0.01, 0.1 mS/cm; ppt 0.1°C	±0.01 pH / ±0.002 pH ±0.2 mV up to ±699.9 mV ±1 mV up to ±2000 mV ±1% f.s. (EC/TDS) ±0.5°C

STEREO MICROSCOPES

- Available in Binocular MSZ - BI and Trinocular Body MSZ - TR
- High performance – Utilizes a Greenough design and feature a 1:7 zoom ratio with a 100mm working distance and a large visual field.
- Objective Zoom Range : 0.65X – 4.5x
- Interpupillary distance adjustment: 55mm-75mm
- Diaopter Adjustment : ± 5 diopter
- Optical Body Rotation: 360 deg with relected and transmitted illumination Voltage input 220V/50 Hz
- Top Halogen lamp 6V 15W adjustable brightness bottom fluorescent lamp 5W

MAGNETIC STIRRERS

MODELS	Position	STIRRING SPEED (rpm)	STIRRING VOLUME (L)	DIMENSIONS (WxHxD) mm (in)	WEIGHT (Kg)	POWER SUPPLY	POWER
MICROSTIRRER	Single	up to 1100	up to 5	120x48x128 (4.7x1.9x5.0)	0.55 (1.1)	100÷240 V	0.6 W
MULTISTIRRER 6	6 Position	from 50 to 850	up to 0.4 (x 6 pos.)	230x51.5x370 (9.0x2.0x14.5)	1.75 (3.8)	100÷240 V	3.6 W
MULTISTIRRER 15	15 Position	from 50 to 850	up to 0.25 (x 15 pos.)	230x51.5x370 (9.0x2.0x14.5)	2.1 (4.6)	100÷240 V	9 W

Magnetic Stirrers with Heating

MODEL	Surface	Surface Dimensions	RPM	Volume (L)	Temp	WxHXD- (mm)	Wt (kg)	POWER SUPPLY	Power
ARE	Al. Alloy	155 (6.1)	up to 1500	up to 15	Ambient to 370 °C	165x115x280 (6.5x4.5x11.0)	2.6 (5.7)	115 or 230 V	630 W
AREX	Al alloy with ceramic Coat	155 (6.1)	up to 1500	Up to 20	Ambient to 370 °C	165x115x280 (6.5x4.5x11.0)	2.7 (5.9)	115 or 230 V	630 W
AREC	Ceramic	180x180 (7.1x7.1)	up to 1500 rpm	Up to 15	Ambient to 550 °C	203x94x344 (8.0x3.7x13.5)	3.3 (7.3)	115 or 230 V	800 W
ARECX	Ceramic	180x180 (7.1x7.1)	up to 1500 rpm	up to 15	Ambient to 550 °C	203x94x344 (8.0x3.7x13.5)	3.3 (7.3)	115 or 230 V	800 W

Features:
- Efficient Magnetic Stirrer especially designed for Micro titration
- Epoxy painted metal Structure resistant to chemicals
- Electronic Speed Regulation
- Constant Speed even when the viscosity changes

PH METER

AD1000
- Up to 5-point calibration with 7 memorized buffers and two custom buffers
- Calibration time-out alarm
- Log-on-demand (up to 50 samples) and automatic logging (up to 1000 samples)
- Two selectable alarm limits
- User selectable logging interval mode HOLD feature to freeze the stable reading on the LCD
- GLP feature to view last calibration data for pH, ISE and relative mV
- PC interface/RS232/USB

Range	Resolution	Accuracy (@20°C/68°F)
-2.00 to 16.00 pH / -2.000 to 16.000 pH ±2000 mV 0.001 to 19999 ppm (**AD1020** only) -20.0 to 120.0°C (- 4.0 to 248.0°F)	0.01 pH / 0.001 pH 0.1 mV (±999.9 mV) / 1 mV (outside) 0.001 ppm (0.001 to 9.999) 0.01 ppm (10.00 to 99.99) 0.1 ppm (100.0 to 999.9) 1 ppm (1000 to 19999) (**AD1020**) 0.1°C (0.1°F)	±0.01 pH / ±0.002 pH ±0.2 mV up to ±699.9 mV ±0.5 mV up to ±999.9 mV ± 2 mV outside ±0.5% f.s. ISE (**AD1020**) ±0.4°C (±0.7°F) (excluding probe error)

WATER BATH (RECTANGULAR)

- Double walled with Inner SS 304 & Exterior GI Powder Coated Shade in REGULAR MODEL.
- leak proof durability & elegant in design.
- Inner & Outer SS 304 Matt/Buff mirror finish in GMP MODEL.
- Compressed glass wool insulated in between the walls to minimize the heat loss.
- Concentric rings to use flask from 50ml to 500ml capacity.
- Drainage cock is provided for outlet purpose.
- Microprocessor based PID Temp. Controller with Dual Digital Indicator & PT – 100 sensor.
- Temp. Range: - 5°C Above ambient to 99°C.
- Usable with round bottom flask keeping on lid only.

Model	INNER SIZE (L X W X D)	LID	WATTS	TEMP. ACCURACY
SWB - 6	10" x 14" x 4"	6 Holes of 3" Dia	1.0 k.w.	± 0.5°C
SWB - 12	16" x 12" x 4"	12 Holes of 3" Dia	1.5 k.w.	± 0.5°C

AUTOCLAVE – VERTICAL

FEATURES:
- Inner chamber is made of thick guage stainless steel SS 304, outer chamber is also made of thick guage stainless steel
- Reinforcement is provided between the chambers to ensure Explosion /Implosion resistance wool insulation is provided to arrest radiation of heat to outside wall
- Stainless Steel cladding and mirror polish gives excellent finish and look
- Thermostatic control Auto pressure cut off; Once temperature reaches set level automatic cutoff, with digital controller
- Dual pressure guage indicator to show pressure in kgs/lbs
- Heavy guage wing nuts for perfect locking on the top lid
- Water level indicator
- Heavy duty heating coil to give faster heating and long time durability
- Temperature Range : 0-121ºC
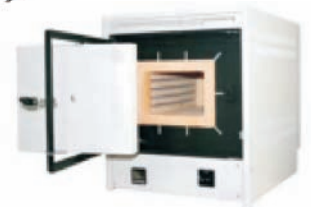- Control : Microprocessor based PID controller

Model No	Dimensions	Capacity of the Chamber	Wattage
SVA-22L	250 x 450 mm	22 L	1.5 Kw
SVA-30L	300 x 450 mm	30 L	2 Kw
SVA-50L	350 x 550 mm	50 L	2 Kw
SVA-100L	450 x 650 mm	100 L	4 Kw
SVA-150L	500 x 600 mm	150 L	6 Kw
SVA-175L	550 x 750 mm	175L	9 Kw

FURNACES WITH CERAMIC CHAMBERS

Features
- Temperature upto 1300 °C.
- The furnaces include ceramic bottom plates
- Solid ceramic chamber
- Partially exposed heating elements (in 1100 °C max.and 1300 °C max. models)
- Enclosed heating elements (in 900 °C max and 1200 °C max. models)
- Microprocessor-controlled thermoregulator
- Ceramic hearth plates
- High-quality, ecological thermal insulation material

Model	Vol., l	T max, ºC	Chamber dimensions (mm)			Overall dimension (mm)			kW	Voltage, V	Wt, kg	Door opening
			Width	Length	Ht	Width	Length	Ht				
SNOL 4/900 LSC01	4	900	120	295	100	440	560	500	3,7	230	55	Sideways
SNOL 7,2/900 LSC01	7,2	900	200	300	130	440	575	540	3,3	230	50	Sideways
SNOL 12/900 LSC01	12	900	210	300	180	560	700	740	4,5	230	120	Sideways
SNOL 15/900 LSC01	15	900	210	410	160	560	800	740	6	400	130	Sideways
SNOL 4/1100 LSC01	4	1100	120	295	100	440	560	500	3,7	230	55	Sideways
SNOL 7,2/1100 LSC01	7,2	1100	200	300	130	440	575	540	3,3	230	50	Sideways
SNOL 12/1100 LSC01	12	1100	210	300	180	560	700	740	4,5	230	120	Sideways
SNOL 15/1100 LSC01	15	1100	210	410	160	560	800	740	6	400	130	Sideways
SNOL 4/1200 LSC01	4	1200	120	295	100	440	560	500	3,7	230	55	Sideways
SNOL 7,2/1200 LSC01	7,2	1200	200	300	130	440	575	540	3,3	230	104	Sideways
SNOL 12/1200 LSC01	12	1200	210	300	180	560	700	740	4,5	230	120	Sideways
SNOL 15/1200 LSC01	15	1200	210	410	160	560	800	740	6	400	130	Sideways
SNOL 4/1300 LSC01	4	1300	120	295	100	440	560	500	3,7	230	55	Sideways
SNOL 7,2/1300 LSC01	7,2	1300	200	300	130	440	575	540	3,3	230	104	Sideways
SNOL 12/1300 LSC01	12	1300	210	300	180	560	700	740	4,5	230	120	Sideways
SNOL 15/1300 LSC01	15	1300	210	410	160	560	800	740	6	400	130	Sideways

Options:
- Process observation window (35 mm dia) up to 1100 °C
- Fan-assisted chimney for forced air extraction
- Additional ceramic hearth plates
- Protection against overheating
- Data recorder, RS232/RS-485/ USB interface

DISTILLATION APPARATUS

Features
- Silica heaters
- Flow switch for boiler safety
- Gate valve to prevent water wastage
- Teflon drain cork for easy maintenance.
- Flow control safety to monitor low presser condenser flow.
- Powder Coated Stand.
- Safety built-in and Pyrogen free
- pH - 5.5 – 6.0;Conductivity - 1.0-2.0 (μScm^{-1})
- Temperature-30 - 40°C
- Water supply -2 litre/min, 3 - 100psi, (20-700kPa)

	OPTI-STILL 2S	OPTI-STILL 4S	OPTI-STILL 8S
Output	2 litres/hr, single distilled	4 litres/hr, single distilled	8 litres/hr, single distilled
Electricity supply	220 or 240V, 50-60Hz, single phase	220 or 240V, 50-60Hz, double phase	220 or 240V, 50-60Hz, double phase
Power requirement	1.5kW	3kW	6kW

	OPTI-STILL 2S	OPTI-STILL 4S	OPTI-STILL 8S
Output	2 litres/hr, single distilled	4 litres/hr, single distilled	8 litres/hr, single distilled
pH	6.0-7.0	6.0-7.0	
Conductivity, μScm-1	0.8-1.0	0.8-1.0	0.8-1.0
Temperature	30 - 40°C	30 - 40°C	30 - 40°C
Pyrogen content *	Pyrogen free	Pyrogen free	Pyrogen free
Water supply	2 litre/min x 2 Input, 3 – 100psi, (20-700kPa)	2 litre/min x 2 Input, 3 – 100psi, (20-700kPa)	2 litre/min x 2 Input, 3 – 100psi, (20-700kPa)
Electricity supply	220 or 240V, 50-60Hz, single phase	220 or 240V, 50-60Hz, double phase	220 or 240V, 50-60Hz, three phase
Power requirement	3kW	6kW	12kW

Quartz Water Stills LQD PANEL SERIES

- Ultra pure water
- Demountable first boiler
- Long life spiral heater
- Free from pyrogens
- Free from heavy metals
- Low temperature distillate
- RH/PH- 6.9-7.0
- CONDUCTIVITY- 0.5-0.9
- DISTILLATE TEMPERATURE- 75° ± 5° c

TYPE	OUTPUT CAPACITY	POWER REQUIRED	COOLING WATER FEED
LQDD1	1	220-240V 2kw Single Phase	40Liters/hr (approx)
LQDD2	1.5	220-240V3kw Single Phase	60Liters/hr (approx)
LQDD3	2	220-240V4kw Single Phase	60Liters/hr (approx)
LQDD4	2.5	220-240V4.5kw Double Phase	70Liters/hr (approx)
LQDD5	3	220-240V5kw Double Phase	75Liters/hr (approx)
LQDD6	5	220-240V 8kw Double Phase	100Liters/hr (approx)

LAMINAR FLOW HORIZONTAL

Features:
- LCD Display
- 750mm Work Surface Height
- Airflow Velocity- Average of 0.3~0.5m/s
- Main Body: Cold-rolled steel with anti-bacteria powder coating
- Work Table:304 stainless steel
- Side and Motorized
- Front Window: 5mm toughened glass, anti-UV; Max Opening-430mm
- Pre-filter- Polyester fiber, washable
- HEPA Filter-99.999% efficiency at 0.3um
- Noise-<60dB
- UV LAMP – Emission of 253.7 nm
- Universal caster with levelling feet
- Waterproof socket - Two, total load≤500W
- Power Supply- AC220V±10%, 50/60Hz;

Model	SLAF-H1300	SLAF -H1800
External Size (W*D*H)	1300*820*2040mm	1800*820*2070mm
Internal Size (W*D*H)	1200*500*570mm	1700*500*570mm
LED Lamp	12W*1	16W*2
UV Lamp	30W*1	30W*1
Consumption	400W	700W
Standard Accessory	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2,Water Tap (only for SLAF-H1800)	
Gross Weight	254kg	328kg

LIQUID NITROGEN CONTAINERS

Features:
- More than 5 years life
- Made of high strength aluminium alloy
- Adopting advanced powder coating technique
- A leather bag is available for models of the capacity less than 50L
- Caliber- 50mm
- Canister outer Diameter-38mm
- Optional: Lockable lid Level & Temperature monitor
- Canisters No (Standard)- 6 pc
- Straw holding capacity (single) 0.5ml – 792 pc
- Straw holding capacity (single) 0.25ml – 1788 pc
- Straw holding capacity (double) 0.5ml – 1284 pc (LNC 20- 50/ LNC 20B- 50)
- Straw holding capacity (double) 0.25ml – 2832 pc (LNC 20- 50/ LNC 20B- 50)

Model	SLNC 3	SLNC 6	SLNC 10	SLNC 20	SLNC 20B
Capacity ,L	3	6	10	20	20
Weight Empty ,Kg	3.5	5	6.3	12	12
Outer Diameter, mm	230	300	300	409	409
Height, mm	425	465	535	640	640
Static evaporation loss L/d	0.10	0.11	0.10	0.12	0.19
Static Holding time,d	30	54	95	172	106
Canister Height,mm	120	120	120	120/276	120
Packing size (W*D*H)	254*254*480	340*340*500	335*335*585	446*446*696	446*446*696
Gross weight ,Kg	5	7	8	14	14
Utility	For Transportation			For Storage	

WIPES

Features:
- Low Linting
- Non – abrasive texture. Offers surface cleaning without scratching
- Solvent and Chemical resistant
- Material : 100% virgin paper pulp
- Size : 11CmX 21 CM- 2 folded POP-UP-TYPe
- Qty : 16800 Sheets /Ctn (280 Sheets/Box x 60 Box/Ctn

VORTEX MIXERS

Features:
- All Vortex Mixers are equipped with high resistance and innovative soft-touch material mixing cup heads
- Designed for the longest life span
- IR sensor and continuous modes IN ZX4

MODEL	STIRRING SPEED	ORBITAL DIAMETER mm	ORBITAL MODE Continuous	Operating mode IR SENSOR	DIGITAL DISPLAY TIMER	PROTECTION RATING CEI EN 60529	SUPPORT SYSTEM	DIMENSIONS (WxHxD) mm (in)	Power Supply	POWER
ZX3	0/3000 mm	4.5	•	•	-	IP 42	4 ANTI SLIDING FEET	150 x 130 x 165mm	100 /240 V	15 W
ZX4	0/3000 mm	4.5	-	•	•	IP 42	4 ANTI SLIDING FEET	150 x 130 x 165mm	100 /240 V	15 W

MICROSCOPES

COMPOUND MICROSCOPES
Features:
- Co-axial low drive mechanical stage (125mm x 145mm) (+/- 5mm) with traverse area of 50mm x 76mm (+/- 5mm) with dual side holder
- Centerable abbe condenser with aperture iris diaphragm(N.A 1.25)
- 6V 20W halogen light sources coupled with an efficient collector lens system.
- Plan Achromatic Objectives 4X, 10X, 40X, 100X
- Binocular (30 deg inclined seidentopf 360 degree rotatable , diopter adjustment
- Binocular (30 deg inclined seidentopf 360 degree rotatable, diopter adjustment MIXi Plus
- Trinocular head 30 degree inclined seidentopf MlxiTr Plus
- WF 10x (FN 20mm) paired eyepiece.

CRYOGENIC GLOVES

Cryogenic gloves for liquid nitrogen and other gases

CRYOPLUS/ CRYOPLUS-55
- Waterproof,Special Blue Coated and bonded Fabric
- safety leather **crutch** rump with **double** locking / adjustment
- Length of the Glove 40 Cm for Cryoplus and 55 Cm for CRYOPLUS-55
- Available in 8,9,10,11 cm

CRYO-LITE
- Water-repellent grain leather, Split leather cuff,
- 0.9 mm thick, waterproofed with **Porelle** ® polyolefin membrane ,
- Length of the Glove 40 Cm, Available in 8,9,10,11 cm

CRYOKIT 400 / CRYOKIT 550
- Waterproof,Special multi-layer and blue coupled elastic fabric
- **Porelle** ® polyolefic membrane
- Length of the Glove 40 Cm / 55 Cm (CRYOKIT 550)
- Available in 7,8,9,10,11 cm

CRYOGENIC APRONS

T-CRYO-LIGHT
- Reusable for protection against cryogenic gas splashes.
- Special fabric covered with a highly resistant composite material, with adjustable clip buckles, both at the collar and at the waist.
- Dimensions: 70 x 90 cm. (other sizes on request)
- Polyester shoulder straps with easy clip closure.

VISION CRYO - MASK FOR PROTECTION FROM SPRAYS
- Mask for splash protection of liquid gases and liquid nitrogen: - Comfortable, ergonomically shaped for a 360 ° view C - Sophisticated indirect ventilation system
- Panoramic field of view - Overlapping eyeglasses - Wide band, completely adjustable - High quality optical lens - Optical class
- Maximum UV protection - Anti-fog - Anti-scratch

GHETTE CRYO
- Reusable for protection against cryogenic gas.
- Made of special fabric covered with highly resistant composite material, with adjustable clip buckles.
- Dimensions: 70 x 90 cm. (other sizes on request).
- Velcro fastening. Suitable for all work in the presence of liquid nitrogen, IN LABORATORY

CRYOKIT CASE
CRYOKIT case consists of: -
- 1 pair of gloves,
- 1 apron – n
- 1 splash shield
- 1 pair of gaiters

VERTICAL LAMINAR FLOW CABINET

Features:
- LCD Display
- 750mm Work Surface Height
- Airflow Velocity- Average of 0.3~0.5m/s
- Main Body: Cold-rolled steel with anti-bacteria powder coating
- Work Table:304 stainless steel
- Side and Motorized Front Window: 5 mm toughened glass, anti-UV; Max Opening-430mm
- Pre-filter- Polyester fiber, washable
- HEPA Filter-99.999% efficiency at 0.3um
- Noise-<60dB
- UV LAMP – Emission of 253.7 nm
- Caster Universal caster with leveling feet
- Waterproof socket - Two, total load≤500W
- Power Supply- AC220V±10%, 50/60Hz;

Model	SLAF-H1300	SLAF -H1800
External Size (W*D*H)	1300*750*2040mm	1800*750*2040mm
Internal Size (W*D*H)	1200*645*610mm	1700*645*610mm
LED Lamp	12W*1	16W*1
UV Lamp	30W*1	40W*1
Consumption	400W	450W
Standard Accessory	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2,	
Gross Weight	228kg	306kg

CLASS II A2 BIOLOGICAL SAFETY CABINET

- Large digital display &Microprocessor control system
- Work zone, made of 304 stainless steel
- Main Body: Cold-rolled steel with anti-bacteria powder coating..
- With Remote control operation.
- Emission of 253.7 nanometer for most efficient decontamination.
- Front Window :Two-layer laminated toughened glass>5mm, anti UV
- Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.
- HEPA Filter- Two, 99.999% efficient at 0.3 um. Filter life indicator.
- Two Waterproof Sockets 500W
- Foot Switch: Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

- Work Surface Height- 750mm
- Inflow Velocity : 0.53±0.025 m/s
- EN12469 ≤ 58 dB / NSF49 ≤ 61 dB
- ≥1000Lux Illumination
- Downflow Velocity : 0.33±0.025 m/s
- Visual and audio alarm: Abnormal airflow velocity; Filter replacement; Front window at unsafe height.

- Caster : Foot master caster
- Power Supply : AC220V±10%, 60/50Hz; 110V±10%, 60Hz
- Standard Accessory : Illuminating lamp, UV lamp*2 , Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2
- Optional Accessory : Water and gas tap, Height adjustable base stand
- Air Flow System : 70% air recirculation, 30% air exhaust

Model	SBSC-1100	SBSC-1300	SBSC-1500	SBSC-1800	SBSC-2000
Internal Size (W*D*H) mm	940* 600*660	1150*600*660	1350*600*660	1710*600*660	1800*600*660
External Size (W*D*H) mm	1100*750*2250	1300*750*2250	1500*750*2250	1870*750*2290	1950*800*2305
Max Opening mm	420mm(17'')	420mm(17'')	500mm(20'')	550mm(22'')	400mm(16'')
UV Lamp	30W*1	30W* 1	40W* 1	40W*1	40W* 1
Illuminating Lamp	LED Lamp 12W*2	LED Lamp 12W*2	LED Lamp 16W*2	Fluorescent Lamp 16W*2	Fluorescent Lamp 16W*2
Consumption	760W	800W	900W	900W	1500W
Gross Wt	243kg	280kg	316kg	395kg	420kg
Package Size (W*D*H) mm	1220× 1000× 1840	1460*1050*1800	1630*1000*1820	2000*950*1820	2090*1050*1860

FUMEHOOD

Features:

- Water & Gas Remote Control
- UV lamp for sterilization(253.7 nm).
- Adjustable air speed :9 levels.
- Motorized front window(5mm toughened glass), height adjustable.
- Microprocessor control system, LED display.
- With memory function in case of power-failure.
- Work Surface Height / Max Opening : 850 mm / 500mm
- Air Velocity : 0.3~0.8m/s
- Noise Level : ≤60dB
- Built in Centrifugal Blower; Speed Adjustable
- Standard Supply : UV lamp, 2 LED lamp, Water tap, Gas tap, Water sink, Base cabinet, Total load of 2 waterproof sockets: 500W, 4-meter PVC exhaust duct, pipe strap
- Optional : Active Carbon Filter
- Exterior made of Cold-rolled steel with anti-bacteria powder coating.
- Interior made of High grade melamine board with good acid and alkali resistance function
- Working Table -Chemical resistant phenolic resin

MODEL	SFH1000	SFH1200	SFH1500	SFH1800
External Size (W*D*H)	1040*800*2200 mm	1240*800*2200 mm	1540*800*2200mm	1840*800*2200 mm
Internal Size (W*D*H)	820*670*730 mm	1020*670*730 mm	1320*670*730 mm	1620*670*730 mm
Exhaust Duct	PVC, Standard length: 4 meters.			
	Φ300mm			
LED Lamp	8W*1	12W*1	16W*1	16W*1
Consumption	400W	400W	500W	500W
Gross Weight	286kg	317kg	350kg	400kg
Package — Main Body	1190*990*1690 mm	1390*990*1690 mm	1690*990*1690mm	1990*990*1690mm
Package — Base Cabinet	1290*990*980mm	1390*990*980mm	1690*970*970mm	1990*990*980mm

FILTRATION SYSTEM WITH VACUUM PUMP

Features:

- Available Dia of 47mm, 293mm
- Available in Glass /SS Models
- Noiseless performance
- Absolutely portable
- Totally oil free construction particularly maintenance free
- Built-in micro suction filter special diaphragms available
- Extra large bearings for trouble-free and smooth running
- Supplied with necessary Flasks, Vacuum Pump and Sample pack of membrane filters

This requires Vacuum Pump

PHARMA REFRIGERATOR

Features:

- Forced Air Convection
- Microprocessor with External LCD graphic display
- Temperature Range : 0 to +15 deg C
- Temperature Resolution 0.1 Deg c
- Over temperature Protection
- Solid Door/ Glass or Double (Option)
- Interior Aluminum as Standard / Acid Proof Stainless Steel (Option)
- Housing made of Powder coated sheet/ Stainless steel (Option)

2 Yrs Warranty

MODEL	overall dims [mm]	Working Capacity(Ltrs)	Volume (Ltrs)	weight [kg]	Shelves Fitted/max
SCHL1	570x600x680	55	70	32	2/2
SCHL2	620x860x650	122	150	54	3/4
SCHL4	620x1260x650	203	250	69	4/6
SCHL5	620x1460x650	243	300	75	4/7
SCHL500	660x1990x810	411	500	105	3/11
SCHL1450	1450x1970x950	1376	1540	200	2x3/11

PORTABLE FREEZER -80°C

CRYOPORTER

Features:

- Temperature stability +/- 0,2°C
- Safety system for over current and system failure
- AC (230V) and DC (12V) connection cables
- Simple & easy operation
- Microprocessor controller with digital display
- Aluminium blocks for quick freezing of samples (must be ordered separately)
- freezer can reach -80°C within two hours and maintains -80°C.

Dimensions exterior WxDxH (mm)	230 x 262 x 390
Capacity (L)	1 alu. block
Dimensions interior WxDxH (mm)	135 x 135 x 80
Temperature range (°C)	-80 / 0
Max. ambient temperature (°C)	25
Power supply (V)	12Vdc / 100-240Vac
Frequency (Hz)	50/60
Power consumption (KWH/24H)	1,68
Weight (KG)	10