



 **egen**  
BIOTECH



An ISO 9001:2008 Certified Company

## Index

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## About Us

C-gen Biotech, from 2009 are the leading manufacturer, distributor, exporter, importer and trader of Laboratory Equipments. The wide array of products offered by us. All the offered products are designed and manufactured by taking optimum quality material that is source from authentic vendors of this industry. To meet the client's precise requirements, we are offering these products in various specifications. These products are highly demanded by our precious patrons for their optimum performance and longer life. We are exporting our quality products in all over the Globe.

Our manufacturing unit is equipped with all upgraded machines that help our personals to cater the ever changing and bulk demands of our patrons within the limited time-frame. In order to manage the firm's operations in the best possible manner, the facility has been parted into several highly operational units. Our warehouse is directly connected to various modes of transportation that enables us to deliver the offered products at the customers preferred place within the scheduled time frame. Owing to our highly talented workforce and top notch infrastructure unit, we have been able to cater our client base needs in well set manner.

Under the leadership of Ms. Dhanshree Joshi, the firm has been leaded to greater heights of success. Their ability to understand the market, make decisions manage and inspire, has helped us in generating a smoother way to glory.



## VERTICAL AUTOCLAVE FULLY AUTOMATIC APPLICATIONS



### FEATURES & CONSTRUCTION

- ⦿ Inner & outer chamber made from S. S. 304 grade.
- ⦿ Bucket / Basket made of stainless steel.
- ⦿ Water level indicator.
- ⦿ Lid closing by radial locking system.
- ⦿ Sealing of lid by neoprene rubber gasket.
- ⦿ Working pressure up to 15 psi.
- ⦿ Working temperature 121 °C to 125 °C.
- ⦿ Automatic exhaust of pressure.
- ⦿ Voltage: 220 volts ac (50 hz).
- ⦿ Lid with pressure gauge, spring with safety valve.

Size in Inch.	Rating k.w	Cap. In ltr
10 Dia x 18 ht	2000	22
12 Dia x 20 ht	2000	35
14 Dia x 22 ht	3000	52
16 Dia x 14 ht	4000	90
18 Dia x 24 ht	4000	95
18 Dia x 30 ht	4500	120
22 Dia x 30 ht	5000	175
22 Dia x 36 ht	6000	200

### APPLICATIONS

- ⦿ Autoclave vertical are most ideal for critical applications requiring assured and reliable total destruction of all living micro- organisms.
- ⦿ Autoclave vertical is low cost options for general sterilization ideal tool for laboratories, hospitals, R & D labs, pharmaceutical, food & beverage industries and institutions.
- ⦿ Temperature controlled by pid controller with timer & purging system pid controller.
- ⦿ Solon aid valve systems this valve work for automatic purging & automatic steam release when cycle time is complete.
- ⦿ Safety protection for heater low water level cut off systems to cut off heater when water level is not proper.

**Also available in semi automatic applications**

## BACTERIOLOGICAL LAB INCUBATOR (GMP MODEL)



Chamber Size in Inches	Capacity in Ltr.	No of shelves
14"x14"x14"	40 Ltr	2
18"x18"x18"	90 Ltr	2
18"x18"x24"	120 Ltr	3
24"x24"x24"	220 Ltr	3
24"x24"x36"	330Ltr	4

### APPLICATION

Bacteriological Incubator Double walled is elegantly designed in various applications for microbiology, cell cultivation of animals and plants, food studies. Our Incubators stands for unparallel precise, even and gentle temperature control.

### Features & construction

- Accuracy: +/- 0.5°C
- Door: inner acrylic door & outer S. S. door.
- Door packing silicon gasket.
- Heating system by tubular S. S. Heater
- Supplied with cord and plug.
- Operating voltage 220 volts ac (50 hz).
- Outer body & inner chamber made with S. S. 304 & inner body made of S. S. 316.
- Insulation glass wool insulation between two walled for lost of heat.
- Temperature range: 5 °c deg above room temperature to 60 °c deg.
- Door gasket fixed on the double walled door for proper sealing.
- Front panel is provided with on/off switch, temperature controller and indicators.
- Air circulation system air circulation fan with motor & blower of 1/20 hp motor & 1440 rpm.
- Temperature controlled by auto tunes microprocessor pid controller with dual display to View set & current temperature.

## ORBITAL SHAKER: (LAB USE)



Tray Size
325x325 for 8 flask for 250 MI or 500MI
425 x425 for 16 flask for 250 MI or 500 MI
Optional: Digital RPM Indicator for Above
Optional: Digital timer for above

### APPLICATIONS

Specially designed for orbital shaking required for tissue cultures fermentation studies, & ageing tests, life science applications & growth studies.

### FEATURES & CONSTRUCTION

The body made of m.s & painted with epoxy powder coated. The tray made of s.s. Shaking speed: 20 To 200 orbital storks per minute & the orbit diameter of 25mm supplied with s.s. Clamp for conical flask.

## ROTARY SHAKER (Heavy Duty)



Size & No of Flask	Size & No of Flask
9 flask of 250 ml	9 flask of 500 ml
12 flask of 250 ml	12 flask of 500 ml
16 flask of 250 ml	16 flask of 500 ml
25 flask of 250 ml	25 flask of 500 ml
36 flask of 250 ml	36 flask of 250 ml
48 flask of 250 ml	48 flask of 250 ml

### FEATURES & CONSTRUCTION

- ⊙ Heavy duty model for continuous operation.
- ⊙ Speed range is 50 - 250 rpm.
- ⊙ Supplied complete with cord & plug.
- ⊙ Operating voltage 220 volts ac (50 hz).
- ⊙ Variable speed P.M.D.C. Geared motor continues duty.
- ⊙ Body made of gallivanted sheets powder coated. Supplied with s.s clamp
- ⊙ Compact counter balanced drive mechanism ensures high stability and reliability.

## B.O.D. INCUBATOR



Size HxWxD	Ltr (Cu.Ft.)	No.Of selves	Chamber
35x35x35 Cm.	40(1.5)	2	Stainless Steel
45x45x50 Cm.	90(3)	2	Stainless Steel
50x50x70 Cm.	170(06)	2	Stainless Steel
55x55x90 Cm.	280(10)	3	Stainless Steel
60x60x90 Cm	320(12)	3	Stainless Steel

### APPLICATION

Double walled microprocessor controlled, solid-state heating / cooling incubator. specially designed for incubation of biochemical oxygen demand on water and sewage; can be used as environmental study and growth chamber by incorporating lighting and humidification system.

### FEATURES & CONSTRUCTION

- ⦿ Temperature range 5°C to 60°C. deg
- ⦿ Temperature accuracy +/- 0.5°C. deg
- ⦿ Magnetic gasket for door.
- ⦿ CFC free & an eco-friendly refrigerant.
- ⦿ Caster wheel mounted for easy portability.
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).
- ⦿ Double walled Construction Outer Body made of mild steel powder coated & inner body made of stainless steel.
- ⦿ High grade PUF insulation between outer and inner chamber for minimal thermal losses.
- ⦿ Temperature controlled by PID micro process controller with dual display to view set & Current Temperature.
- ⦿ Air circulation by circulation fan motor with blower to maintain uniform temperature
- ⦿ Motor of 1/12 HP 1440 RPM
- ⦿ Inner acrylic door to view sample & outer metal door powder coated.
- ⦿ Cooling system by thematically sealed compressor ISI marked compressor/ condensing units.

## B.O.D. INCUBATOR (GMP MODEL)



Capacity	Ltr	No. of selves	Internal Dimensions (W x D xH)
3cu ft	90 ltr	2	45x45x50cms
6 cu ft	170 ltr	2	50x50x70cms
10 cu ft	280 ltr	3	55x55x90cms
12 cu ft	330 ltr	3	60x60x90cms

### APPLICATION

Double walled Microprocessor controlled, solid-state heating/cooling incubator. Specially designed for incubation of Biochemical Oxygen demand on water and sewage; can be used as environmental study and growth chamber by incorporating lighting and humidification system.

### FEATURES & CONSTRUCTION

- ⦿ Double walled construction robust construction inner & outer chamber complete made of stainless steel.
- ⦿ High grade PUF insulation between outer and inner chamber for minimal thermal losses.
- ⦿ Temperature Range 5°C to 60°C.
- ⦿ Temperature Accuracy +/- 0.5°C.
- ⦿ Temperature controlled by PID Micro process controller with dual display to view set & current temperature.
- ⦿ Air circulation by circulation fan motor with blower to maintain uniform temperature
- ⦿ Motor of 1/12 HP 1440 RPM
- ⦿ Inner acrylic door to view sample & outer metal door powder coated.
- ⦿ Magnetic gasket for door.
- ⦿ Cooling system by thematically sealed compressor ISI marked Compressor/Condensing Units
- ⦿ CFC free & an eco-friendly refrigerant.
- ⦿ Caster wheel mounted for easy portability.
- ⦿ Supplied with cord and plug.
- ⦿ Operating voltage: 220 Volts AC (50 Hz).

## INCUBATORS BACTERIOLOGICAL (Lab Type)



Size in Inches.	Rating Watts	Capacity in Ltr.	No. of shelves
12"x12"x12"	250	24	1
14"x14"x14"	300	44	2
18"x18"x18"	400	90	2
18"x18"x24"	750	120	3
24"x24"x24"	1000	220	3
18"x24"x36"	1250	250	4
24"x24"x36"	1500	330	4

### APPLICATIONS

- ⊙ Bacteriological incubator double walled is elegantly designed in various applications for microbiology, cell cultivation of animals and plants, food studies. Our incubators stands for unparallel precise, even and gentle temperature control.

- ⊙ Double walled incubators is low cost options for various experiments in, industries, r&d labs, pharmaceutical, food & beverage industries and institutions- in the field of medical, agricultural and industrial research.

### FEATURES & CONSTRUCTION

- ⊙ Double walled construction outer body made of mild steel powder coated, & Inner body made of S. S.
- ⊙ Glass wool insulation between two walled.
- ⊙ Temperature range: 5 °C above room temperature to 60°C.
- ⊙ Accuracy: +/- 2 °C.
- ⊙ Temperature controlled by thermostatic
- ⊙ Two door inner acrylic door to view sample & outer metal door.
- ⊙ Special nicrome heater designed for long life & saving of power consumption.
- ⊙ Temperature is displayed by digital LED with SV and PV display at the front.
- ⊙ Front Panel is provided with on/OFF switch, temperature controller and indicators
- ⊙ Supplied with cord and plug.
- ⊙ Operating Voltage: 220 Volts AC (50 Hz).

**Also available Incubators Bacteriological (Memmert Type)**

## LABORATORY OVEN (Lab Type)



Size in Inch.	Rating Watts	Capacity in Ltr.	No of Shelves
12"x12"x12"	1250	27	1
14"x14"x14"	1450	44	2
18"x18"x18"	1750	90	2
18"x18"x24"	2000	120	3
24"x24"x24"	2500	220	3
18"x24"x36"	3000	250	4
24"x24"x36"	3500	330	4

### APPLICATIONS

Double Walled Oven is low cost options for heating for various experiments in, industries, R&D labs, Pharmaceutical, Food & Beverage Industries and Institutions- in the field of Medical, Agricultural and Industrial Research.

### FEATURES & CONSTRUCTION

- ⊙ Double walled construction outer body made of Mild Steel powder coated and Inner Body made of Stainless Steel grade S.S 304.
- ⊙ Glass wool insulation between two walled.
- ⊙ Temperature range 50 °C to 250°C.
- ⊙ Accuracy +/- 2 °C.
- ⊙ Thermostatic Temperature controlled.
- ⊙ Heater: special Nicrome heater designed for long life & saving of power consumption.
- ⊙ Front Panel is provided with ON/OFF switch.
- ⊙ Supplied with cord and plug.
- ⊙ Operating Voltage: 220 Volts AC (50 Hz).

**Also available GMP & Memmert Model**

## MUFFLE FURNACE :( 1130 °C)



Size in inches	Rating watts
9"x4"x4"	2000
10"x5"x5"	2500
12"x6"x6"	3.500

### APPLICATIONS

Muffle Furnace is elegantly designed in various applications for R&D labs, Chemical Industries, Pharma & Foundries for making ash for chemical analysis.

### FEATURES & CONSTRUCTION

- ⊙ Outer body made of mild steel powder coated and inner body made of ceramic muffle kumar make.
- ⊙ Special type ceramic insulation between bodies for insulation.
- ⊙ Kanthal a1 swaden make coil for long lasting.
- ⊙ Temperature range 400 c to max 1150c.
- ⊙ Accuracy: +/- 3 deg.
- ⊙ Temperature controlled by pid dual display to view set & current temperature
- ⊙ Special type thermocouple fuses to protect overheating.
- ⊙ K' type calibrated sensor.
- ⊙ Temperature is displayed by digital led with sv and pv display at front of the furnace.
- ⊙ Front panel is provided with on/off switch.
- ⊙ Supplied with cord and plug.
- ⊙ Operating voltage: 220 volts ac (50 hz).

## HEATING MANTLES



### APPLICATIONS

Heating mantles are made of each size to provide uniform heating. Bigger sizes of mantles have two or three heating circuits so that upper circuits could be switched off when smaller sizes flask is being heated or when liquid level is dropped.

### FEATURES & CONSTRUCTION

- ⦿ The body of the mantle is one piece from non-rusting Aluminum housing with powder coating available in different sizes.
- ⦿ Temp. Controller by energy regulator with ON/OFF switch and pilot lamp.
- ⦿ Provided with high quality insulation.
- ⦿ Max. Surface Temp. 300 C
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).

Size	Rating watts
250 ml	150
500 ml	200
1 Lt.	300
2 Lt.	450
3 Lt.	500
5 Lt.	600
10 Lt.	1000
20 Lt.	1800

## ULTRA VOILET INSPECTION CABINET (U.V.CABINET)



### APPLICATIONS

Mainly UV cabinets are used for Chromatographic analysis by Ultraviolet fluorescence. These Cabinets used for viewing Chromatogram combines both long and short wave Ultraviolet Lights and also White Light in a compact table-top unit.

### FEATURES & CONSTRUCTION

- ⦿ Three tubes useful for viewing paper and thin layer chromatograms.
- ⦿ Provided with long wave, short wave and white source.
- ⦿ G.I. epoxy powder coated cabinet.
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).

## VACUUM OVEN RECTANGULAR DOUBLE WALLED



Chamber Size	No. of shelves	Capacity in Ltr.	Rating watts
8"x8"x12"	2	12	1600
12"x12"x16"	3	37	1750
14"x14"x20"	3	63	2000
18"x18"x24"	4	120	2250

### APPLICATIONS

- ⊙ Double walled vacuum oven is low cost options for moisture determination, out gassing solids, aging tests, plating.
- ⊙ Chemical resistance studies, drying of paper, rubber, and textiles, desiccating, dry sterilization,
- ⊙ Out gassing liquids, vacuum storage, electronic process control.
- ⊙ Vacuum ovens are used for various experiments in, industries, r&d labs, pharmaceutical, food & beverage industries and institutions- in the field of medical, agricultural and industrial research.

### FEATURES & CONSTRUCTION

- ⊙ Outer Chamber is made of M.S. Powder coated and Inner Chamber is made of Stainless Steel.
- ⊙ Door made of thick S. S. plate and toughened glass in center to see through the chamber.
- ⊙ Thermal loss is prevented by filling mineral wool (Insulation) in space between the outer body & Inner chamber.
- ⊙ Provided with Door Gasket for proper sealing.
- ⊙ Fitted with heavy hinges & door closing device.
- ⊙ Temperature controlled by electronic digital Temp. Controller cum indicator.
- ⊙ Temperature Range: 50 °C to 200 °C accuracy  $\pm 2$  °C.
- ⊙ Temperature is displayed by Digital LED with SV and PV display at front of the oven.
- ⊙ Front Panel is provided with ON/OFF switch, temperature controller and indicators
- ⊙ Supplied with cord and plug.
- ⊙ Operating Voltage: 220 Volts AC (50 Hz).

**Also available GMP Model**

## HUMIDITY & TEMPERATURE CONTROL OVEN



Capacity	Inner Chamber Dx W x H (cms)	No. of Shelves
3 cft (90L)	45x45x50	2
6 cft (170L)	50x50x70	2
10 cft (280 L)	55x55x90	3
12 cft (320 L)	60x60x90	3

### APPLICATIONS

- ⊙ Double walled microprocessor controlled humidity & temperature control oven forced convection type.
- ⊙ Specially designed for carrying out different quality control test under controlled conditions of temperature and humidity.

### FEATURES & CONSTRUCTION

- ⊙ Robust construction outer chamber is made of mild steel duly powder coated.
- ⊙ Inner chamber made of stainless steel sheet (304 grade).
- ⊙ S.S 304 working tray for resistance of corrosion.
- ⊙ A full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- ⊙ Forced air circulation for uniform temperature throughout the chamber.
- ⊙ Digital display preset electronic digital temperature controller cum indicator but with cooling system by means of hermetically sealed compressor unit coupled with evaporation coil and condenser.
- ⊙ Temp. Range 10°C to 60°C ±1°C
- ⊙ Humidity range 40% RH to 85% RH ±3% RH.
- ⊙ Caster wheel mounted for easy portability
- ⊙ Supplied with cord and plug.
- ⊙ Operating voltage: 220 Volts ac (50 hz).

**Also available with 21CFR software.**

## STABILITY CHAMBER



Capacity	Inner Chamber Dx W x H (cms)	No. of Shelves
3 cft (90L)	45x45x50	2
6 cft (170L)	50x50x70	2
10 cft (280 L)	55x55x90	3
12 cft (320 L)	60x60x90	3

### APPLICATIONS

- ⦿ Stability chamber microprocessor controlled designed for various stability and shelf life tests on pharma, bulk drugs, drug substances, biomedical, healthcare, food products, and biotech etc.
- ⦿ These are widely used for confirmatory studies for direct comparison of drug substance under controlled environmental conditions.

### FEATURES & CONSTRUCTION

- ⦿ Robust construction outer chamber is made of Mild Steel duly powder coated.
- ⦿ Inner chamber made of STAINLESS STEEL SHEET (304 Grade).
- ⦿ S.S. 304 working tray for resistance of corrosion.
- ⦿ PUF Insulation between Two Walled.
- ⦿ A full view inner Plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- ⦿ Forced air circulation for uniform temperature throughout the chamber.
- ⦿ Digital display preset electronic digital temperature controller cum indicator but with cooling system by means of hermetically sealed Compressor Unit coupled with evaporation Coil and condenser.
- ⦿ Temp. Range 10 °C to 60 °C with Accuracy ±1°C
- ⦿ Humidity Range: 35% to 98% RH±3% RH
- ⦿ Low Pressure Boiler at Bottom to generate Steam for chamber humidification.
- ⦿ Caster wheel mounted for easy portability.
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).

## CLEAN ROOMS

### APPLICATION

- ⦿ Clean room Systems has The latest technology & Engineered design of modular clean room partition, Ceilings & The state of The art Flush doors, Windows for Pharmaceutical, Biotechnology & Can Environmental clean room.
- ⦿ Modular Wall Partition Systems
- ⦿ Fully Flush View Panel
- ⦿ Modular Ceiling System
- ⦿ Pass Through System
- ⦿ Fully Flush Door System



### SPECIFICATIONS OF PANELS

- ⦿ Thin & light weight construction
- ⦿ Wide variety of filler PUF / EPS FOAM / ROCK WOOL
- ⦿ Wide variety of Surface material PCGI / PPGI / AL / S.S./
- ⦿ Laminates Available in different thickness 50mm/80mm/100mm.
- ⦿ Progressive and Non-progressive.
- ⦿ Doors compatible with panel materials.
- ⦿ Excellent insulating property.
- ⦿ Less joints as compared to any other system of panel design.
- ⦿ Design engineering and installation support.
- ⦿ Perfectly airtight, pressure balancing & cross contamination.
- ⦿ Panels can easily be re-locatable or dismantled.
- ⦿ Inbuilt return air riser.
- ⦿ Concealed electrical fittings provision.



### DOOR FEATURES

- ⦿ Flush type, Hinged door
- ⦿ Flush mounted, built in viewing window
- ⦿ Automatic drop seal
- ⦿ SS door handle
- ⦿ Single leaf / Double leaf type

### CEILING FEATURES

- ⦿ Walkable, Serviceable ceiling
- ⦿ Concealed suspension
- ⦿ Interior flush surface
- ⦿ Flexible to make cutout at site for lighting
- ⦿ HEPA filter

### VIEW PANELS

- ⦿ Single glazed window
- ⦿ Flush mounted & Double glazed window

## HORIZONTAL LAMINAR AIR FLOW CABINETS

Working Area	2'x2'x2'	3'x2'x2'	4'x2'x2'
Size of Filter	2'x2'	3'x2'	4'x2'

### APPLICATION

Horizontal laminar air flow benches are designed to meet the requirement of particle free air to Meet class 100 conditions mainly used for various works that require maintenance of the cleanness and purity. It is ideal for culture analysis, bacteriological & biological applications in Hospitals, plant tissue culture, labs, food, beverage and electronic industries.



### FEATURES & CONSTRUCTION

- ⦿ Material stainless steel S.S. 304 or M.S. Powder coated.
- ⦿ Working table is made of stainless steel sheet (S.S. 304 grade).
- ⦿ Side panels & front doors are made of 6 mm thick acrylic transparent plexi glass.
- ⦿ The highly efficient HEPA (high efficiency particular air) filter maintains the optimum cleanliness and purity.
- ⦿ The pre-filter fitted extends the life of HEPA filter drastically.
- ⦿ Air drawn through pre-filter is made to pass through highly effective HEPA filters having
- ⦿ Efficiency rating as high as 99.99%.
- ⦿ Working area is illuminated by fluroescent lighting fitted to the unit.
- ⦿ The blower and motor assembly is statically and dynamically balanced, with minimum noise level.
- ⦿ Height of the working table provides comfortable &quot; sit down & quot; working position for the operator.
- ⦿ Supplied complete with s.s. Table top, transparent front door, pressure manometer.
- ⦿ Built in u.v. Germicidal light and cock for gas, HEPA filters and pre-filter.
- ⦿ Supplied complete with cord & plug.
- ⦿ Operating voltage: 220 volts ac (50 hz).

## VERTICAL LAMINAR AIR FLOW CABINETS

Working Area	2'x2'x2'	3'x2'x2'	4'x2'x2'
Size of Filter	2'x2'	3'x2'	4'x2'

### APPLICATIONS

Vertical Laminar Air Flow Benches are designed to meet the requirement of particle free air to meet class 100 conditions mainly used for various works that require maintenance of the cleanness and purity.

### FEATURES & CONSTRUCTION

- ⦿ Material stainless steel ss-304 or m.s. Powder coated.
- ⦿ Working table is made of stainless steel sheet (ss-304 grade).
- ⦿ Side panels & front doors are made of 6 mm thick acrylic transparent plexi glass.
- ⦿ The highly efficient HEPA filter maintains the optimum cleanliness and purity.
- ⦿ The pre-filter fitted extends the life of HEPA filter drastically. Air drawn through pre-filter is made to
- ⦿ Pass through highly effective HEPA (High efficiency particular air) filters having efficiency rating as high as 99.99%.
- ⦿ Working area is illuminated by florescent lighting fitted to the unit.
- ⦿ The blower and motor assembly is statically and dynamically balanced, with minimum noise level.
- ⦿ Height of the working table provides comfortable "sit down" working position for the operator.
- ⦿ Supplied complete with s.s. Table top, transparent front door, pressure manometer.
- ⦿ Built in u.v. Germicidal light and cock for gas, HEPA filters and pre-filter.
- ⦿ Supplied complete with cord & plug.
- ⦿ Operating voltage: 220 volts ac (50 hz).



## BIOSAFETY CABINET CLASS II TYPE A2

### APPLICATIONS

- ⦿ "BIOLOGICAL SAFETY CABINET Class II re-circulates 70% of air through HEPA filter & 30% Exhaust.
- ⦿ "Biosafety Cabinet is used to protect personal, product and the environment from exposure to bio hazards and cross contamination during routine procedures.
- ⦿ Used for various applications in the life science, clinical, pharmaceutical and industrial laboratory.

### FEATURES & CONSTRUCTION

- ⦿ User friendly ergonomic design.
- ⦿ Heavy duty gauge ss 304 or M. S. Powder coated construction.
- ⦿ S.S 316 working table tray for resistance of corrosion.
- ⦿ Controlled environment particulate free product protection.
- ⦿ Work area surrounded by negative pressure, double wall plenums for protection.
- ⦿ Aerodynamic designed airflow grille maintains safety by preventing blockage.
- ⦿ Silent vibration, Low noise & Sound level no more than 70 DBA.
- ⦿ Class 100 air from supply HEPA (High efficiency particular air) protect environment
- ⦿ 70% of the air is re-circulated through the HEPA filter.
- ⦿ 30% of the air is exhausted from work area.
- ⦿ Air is drawn through pre-filter and is made to pass through high effective HEPA filters.
- ⦿ The efficiency of HEPA filter is greater than 99.97% down to 0.3 micron.
- ⦿ Built in U.V. Germicidal light
- ⦿ Working area is illuminated by fluorescent lighting fitted to the unit.
- ⦿ The blower and motor assembly is statically and dynamically balanced.
- ⦿ Height of the working table provides comfortable "sit down" working position For the operator.
- ⦿ Supplied with cord and plug.
- ⦿ Operating voltage: 220 Volts A.C (50 Hz).



## BIOSAFETY CABINET CLASS II TYPE B2

### APPLICATIONS

“BIOLOGICAL SAFETY CABINET Class III exhaust 100% of air in the cabinet. “Biosafety Cabinet is used to protect personal, product and the environment from exposure to biohazards and cross contamination during routine procedures. Used for various applications in the life science, clinical, pharmaceutical and industrial laboratory



### FEATURES & CONSTRUCTION

- ⦿ User friendly ergonomic design.
- ⦿ Heavy duty gauge S.S. 304 or M. S. Powder coated construction.
- ⦿ S.S 316 working table tray for resistance of corrosion.
- ⦿ Controlled environment particulate free product protection.
- ⦿ Work area surrounded by negative pressure, double wall plenums for protection.
- ⦿ Aerodynamic designed airflow grille maintains safety by preventing blockage.
- ⦿ Silent vibration, Low noise & Sound level no more than 70 DBA.
- ⦿ Class 100 air from supply HEPA protect environment
- ⦿ 100% of the air is re-circulated through the hep a filter.
- ⦿ Air is drawn through pre-filter and is made to pass through high effective HEPA (high efficiency particular air) filters.
- ⦿ The efficiency of HEPA filter is greater than 99.97% down to 0.3 micron.
- ⦿ Built in U.V. Germicidal light
- ⦿ Working area is illuminated by fluorescent lighting fitted to the unit.
- ⦿ The blower and motor assembly is statically and dynamically balanced
- ⦿ Height of the working table provides comfortable "sit down" working position for the operator.
- ⦿ Supplied with cord and plug.
- ⦿ Operating voltage: 220 Volts A.C (50 Hz).

## STATIC PASS BOX

### APPLICATIONS

Pass Box is used for transfer of material from and into the clean room, without contaminating the air of clean room and without having to open room door.

This is achieved with the help of interlocking type doors of pass box.



### FEATURES & CONSTRUCTION

- ◎ Pass Box are available in Mild Steel powder coated,
- ◎ SS 304 / 316 / 316L or a combination of both.
- ◎ Electromagnetic interlocking type doors on both sides, so that any one door can be opened at a time.
- ◎ Fitted with glass viewing window through which material kept in the pass box can be seen.
- ◎ UV & fluorescent light and HEPA filter can be provided optionally.
- ◎ Support stand for mounting of pass box optionally.

### PRINCIPLE OF WORKING

This equipment is installed on the wall between the clean room and the other room. The pass box has two doors at its extreme ends. One door opens in the clean room and other door open in the other room. These doors are electrically interlocked type so that any one door can be opened at a time. This avoids direct flow of air from the clean room to the other room or vice versa. This also obviates the need to open the clean room door frequently for transferring of material from & into the clean room. Thus, it helps in achieving the aim of material transfer without disturbing the cleanliness level of the clean room.



# DYNAMIC PASS BOX

## APPLICATIONS

Pass Box is used for transfer of material from and into the clean room, without contaminating the air of clean room and without having to open room door. This is achieved with the help of interlocking type doors of pass box.



## FEATURES & CONSTRUCTION

- ⦿ Pass Box are available in Mild Steel powder coated, S.S. 304 / 316 / 316L or a combination of both.
- ⦿ Imported Minipleat HEPA filter with an efficiency rating better than 99.999% down to 0.3 $\mu$ .
- ⦿ Pre-filter are made from non-woven synthetic with HDPE mesh with an efficiency rating better than 95% down to 5 $\mu$ .
- ⦿ Motor blower designed of statically and dynamically balanced for supply of sufficient capacity and static pressure to take care of airflow requirement for entire life of HEPA.
- ⦿ Magnehelic Gauge to monitor pressure drop across HEPA.
- ⦿ Electromagnetic interlocking type doors on both sides, so that any one door can be opened at a time.
- ⦿ Fitted with glass viewing window through which material kept in the pass box can be seen.
- ⦿ Low Noise
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).
- ⦿ Support stand for mounting of pass box optionally.

## PRINCIPLE OF WORKING

This equipment is installed on the wall between the clean room and the other room. The pass box has two doors at its extreme ends. One door opens in the clean room and other door open in the other room. These doors are electrically interlocked type so that any one door can be opened at a time. This avoids direct flow of air from the clean room to the other room or vice versa. This also obviates the need to open the clean room door frequently for transferring of material from & into the clean room. Thus, it helps in achieving the aim of material transfer without disturbing the cleanliness level of the clean room.

## GARMENT STORAGE CABINET

### APPLICATIONS

Garment Storage Cabinet, which is used for storage of Clean apparel for clean rooms as these are equipped with HEPA filter and UV germicidal tube. Therefor these are safe and ensure that the garments completely free from bacterial contamination.



### FEATURES & CONSTRUCTION

- ⦿ Garment Storage cabinet are available in Mild Steel powder coated, S.S 304 / 316 / 316L or a combination of both.
- ⦿ Imported Minipleat HEPA filter with an efficiency rating better than 99.999% down to 0.3 $\mu$ .
- ⦿ Return Air Pre-filter are made from non-woven synthetic with HDPE mesh with an efficiency rating better than 95% down to 5 $\mu$ .
- ⦿ Fresh Air Filter Made from non-woven synthetic with HDPE mesh with an efficiency rating better than 90% down to 10 $\mu$ .
- ⦿ Motor blower designed of statically and dynamically balanced for supply of sufficient capacity and static pressure to take care of airflow requirement for entire life of HEPA.
- ⦿ Magnehelic Gauge to monitor pressure drop across HEPA.
- ⦿ Electro-Magnetic interlocking arrangement to put-off UV Light if either side door opens.
- ⦿ SS 304 hanging arrangement (or) removable type shelves.
- ⦿ Low noise
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).

## AIR SHOWER

### APPLICATIONS

Air Shower is designed to supply Class 100 HEPA filtered air at high velocity it helps remove particulate matter from the personnel entering into the clean room. Air shower works as partial clean equipment installed at the partition between the clean room and non-clean rooms to shower the personnel or matters before entering the clean area. This unit helps to remove dust effectively and maintains the normal working status.



### FEATURES & CONSTRUCTION

- ⦿ Air Showers are available in Mild Steel powder coated, S.S. 304 / 316 / 316L or a combination of both.
- ⦿ Imported Minipleat HEPA filter with an efficiency rating better than 99.999% down to 0.3 $\mu$ .
- ⦿ Pre-filter are made from non-woven synthetic with HDPE mesh; with an efficiency rating better than 95% down to 5 $\mu$ .
- ⦿ Motor blower designed of statically and dynamically balanced for supply of sufficient capacity and static pressure to take care of airflow requirement for entire life of HEPA.
- ⦿ Magnehelic Gauge to monitor pressure drop across HEPA.
- ⦿ Fluorescent light at work surface.
- ⦿ Interlocking system to ensure that both the doors cannot open at the same time & to ensure that both the doors stay locked during the time of air flow.
- ⦿ Emergency Stop will be provided.
- ⦿ Door Opening Straight entry – Straight exit and 90 degree door opening.
- ⦿ Doors with double walled flush glass view panels and door closer.
- ⦿ Low noise
- ⦿ Supplied with cord and plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).

## FUME HOOD

### APPLICATIONS

Chemical fume hoods, when used properly, are one of the most reliable engineering controls in the laboratory. They protect workers by: Containing vapors, dusts, gases, and fumes generated within the hood, and removing them as air flows into the hood and then out via the laboratory exhaust system.

### FEATURES & CONSTRUCTION

- ⦿ Low noise.
- ⦿ User Friendly Ergonomic Design.
- ⦿ Generates a negative pressure inside the hood thus facilitating removal of all contaminants from the works area, into the atmosphere.
- ⦿ Basic material is Stainless Steel SS-304 OR M.S. powder coated OR polypropylene sheet OR FRP coated.
- ⦿ All interior surfaces are sealed and checked for leakage.
- ⦿ Work table is made of 18 mm Granite marble and is fitted with a small S.S. sink with water tap connections.
- ⦿ Working area is illuminated by fluroescent lighting fitted to the unit.
- ⦿ The front door moves vertically up and down with concealed counter balanced weight.
- ⦿ The blower and motor assembly is statically and dynamically balanced & operates with minimum noise level.
- ⦿ Height of the working table provides comfortable "SIT DOWN" working position for the operator.
- ⦿ The front facing panel is fitted with 15/5 Amp socket with switches for exhaust system and fluorescent light.
- ⦿ Supplied complete with cord & plug.
- ⦿ Operating Voltage: 220 Volts AC (50 Hz).



WORKING AREA	2'X2'X2'	3'X2'X2'	4'X2'X2'
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## AIR CURTAIN

### APPLICATIONS

An air door or air curtain is a device used to prevent air or contaminants from moving from one open space to another. The most common use is a downward-facing blower fan mounted over an entrance to a building, or an opening between two spaces conditioned at different temperatures.



Working Area	3 Feet	4 Feet	5 Feet	6 Feet
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### FEATURES & CONSTRUCTION

- ⦿ MocCrca Powder Coated
- ⦿ M/b Assly½ HP Electric Motor
- ⦿ 1440 RPM, 6" Dia Impeller
- ⦿ FRP Blower With 'al'impeller.
- ⦿ Double Shaft type Motor.
- ⦿ Vibration Level 1 To 2 Microns
- ⦿ Noise Level + 65 DB Away From One Meter
- ⦿ Velocity12 M/S Thro Nozzle Jet
- ⦿ Supplied With Cord and Plug.
- ⦿ Operating Voltage: 220 Volts Ac (50 Hz).
- ⦿ Single Phase

## LABORATORY WORK TABLE



### APPLICATIONS

Our furnished Work tables in various disciplines such as Pharmaceuticals, Healthcare, Industrial Research, Chemicals, Biotechnology, Engineering, Food Labs, School, Colleges and Universities, Private and Government sector.

### FEATURES & CONSTRUCTION

MOC: MS Powder Coated & Jet Black Granite Top.

Laboratory work tables are support systems for working defined laboratory environment. It is an exclusive space for placing verity of instruments and equipment's required in various laboratories.

Working Area	2 Feet	3 Feet	4 Feet
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### DIGITAL-MICROPROCESSOR PH METER

Research grade instrument with 16 X 2 alpha numeric LCD display having auto temperature compensation, auto buffer recognition along with accessories. Its features include 3 point calibration.



### DIGITAL CONDUCTIVITY TDS METERS

Digital Conductivity TDS Meters with LED display with facility for temperature compensation and digit cell constant adjustment along with conductivity cell & other accessories.



### MICROPROCESSOR FLAME PHOTOMETER

Digital flame photometers with fitted (Na & K) 3½ digit LED display (ppm) along with compressor and other accessories Ca & Li filter can be provided on request.



### DIGITAL MELTING POINT APPARATUS

Digital Automatic Melting Point Apparatus is designed for quick and accurate detection of melting point. Feature packed & easy to use. This is an indispensable bench top tool. This equipment has an arrangement to hold the capillary containing the sample in uniformly heating media. The temperature is indicated on a digital display readable in 1.0° C. At the point, when the sample melts, the heating is automatically cut-off and the digital display showing the temperature mains on the indicator till it is cleared. No Silicon Oil or other bath is required as heating media. Range 2.0°C above room temperature to 350 °C.



### AUTO KARL FISCHER

Microprocessor K.f. Moisture Titrator (Graphical Display) with built in magnetic stirrer, Auto computation of moisture in ppm % age and mg H<sub>2</sub>O. Simultaneous display if results in all three units, 1000 sample storage facility with batch No. Final results are flashed on 128 X 64 premium graphical LCD. Icon based Menu for easy navigation. K.F. reagent dispensing by motorized process. Highly accurate & Reliable.



## DIGITAL PHOTO COLORIMETER

Digital Photo Colorimeters with facility for direct measurement of results in conc., % T & O.D. Memory for storage of 3 standards to avoid frequent use of standards. Automatic zero setting facility. 1 ml. solution measurement.



## WATER & SOIL ANALYSIS KITS

Microprocessor soil analysis kits for measurement of pH, conductivity, MV, TDS, Salinity, D.O. & temperature 16 X 2 Alphanumeric LCD display. Battery Cum mains operated with all accessories fitted in a briefcase. Data storage facility up to 700 samples and external printer attachment facility available.



## PCR THERMAL CYCLER

Adjustable pressure hot lid to prevent volatilizing and dewing. Heat lid with pressure alarm device, to prevent damaging test tube by too much pressure. Convenient and flexible module replacement mode. Innovative module wire socket design achieves module replacement without wire. The unique left-right design for amplification area and operating area. Colored and wide screen displaying multiple details. Perform 20000 times non-breakdown operation.



## UV VIS SPECTROPHOTOMETER

Range 190 to 1000 nm with facility for automatic concentration, % Transmission, Absorbance & K Factor measurement. Automatic wavelength calibration and selection. It has sample holder with 4 position selector control for 10 mm path length cuvettes. Facility has been provided for interface with any printer (USB Port). Set of 2 quartz and 4 glass cuvettes is provided.



## DIGITAL COLONY COUNTERS

Auto Mark Pen. Wolffhuegel Grid Glass Plate. 110 mm Magnifying Lence. Four Digit Resettable Electronic Counter.



## DIGITAL TURBIDITY METERS

Digital turbidity meters With 16 x 2 Alpha numeric LCD Display having 2 ranges up to 1000 JTU with memory of storage of 2 standards to avoid frequent use of standard solutions.



## DIGITAL POLARIMETERS

Domestic advanced digital circuit and microcomputer control LCD display. Storage of three times results for Re-M (repetition measurement) and calculation of average value. Measurement of dark-colored sample. RS 232 interface. Measurement range  $-45^{\circ}$  -  $45^{\circ}$ Z,  $-120^{\circ}$  -  $120^{\circ}$ Z. Most Suitable for sugar content measurements.



## MICROPROCESSOR VISCOMETER

Microprocessor Viscometer has the advantage of high accuracy, stable digital display, easy to operate and good anti-interference. It is widely used in the measurement of viscosity of various kinds of fluids such as grease, paints, food, medicine, adhesive and cosmetic etc., it can also be used to determine the viscosity resistance and absolute viscosity of the liquids.



## DRY BATH INCUBATOR

Dry bath incubator or dry block heater is a class I medical device, which is used to provide controlled dry heating environment for test tubes containing in Vitro diagnostic specimens or samples for qualitative or quantitative procedure in clinical laboratories.



## DIGITAL ULTRASONIC CLEANER / BATH

Most Advanced Bench top ultrasonic cleaner for surgeons, hospitals & laboratories put an end to the potentially dangerous, inefficient, ineffective hand-scrubbing of delicate expensive instruments by adopting the cleaning technology used world-over.



**DISTELL.COM**

**Distell.com** are the world's foremost producer of hand-held meters for measuring fat content of fish and meat and the freshness of fish.



### MEAT FATMETER

The Distell Meat Fatmeter comes in two models, MFM-992 and MFM-1092. The MFM-992 has a small sensor head while the MFM-1092 has a large sensor head, and the choice of meter is usually determined by the meat product being measured.



### FISH FATMETER

The Distell Fish Fatmeter also comes in two models, FFM-692 and FFM-992. In the same way as with the Meat Fatmeter, the FFM-992 has a small sensor head for small fish and the FFM-692 has a large sensor head for larger fish.



### FISH FRESHNESS METER

The Distell Fish Freshness meter, or Torrymeter, measures the freshness of fish produce.



### THE DISTELL MANAGEMENT SYSTEM

The Distell Management System allows data to be downloaded from any Distell meter, allowing the data to be inspected and exported for further analysis. It is supplied with every meter kit.



## PORVAIR SCIENCES

Porvair Sciences, specialists in the manufacture of microplate products, serve Life Sciences, Biotechnology, R&D and Molecular Biology with microplate solutions for all applications, from sample preparation to high throughput screening.

Our range includes vacuum manifolds, sealers, evaporators and microtiter plates in all popular styles; deep well and shallow well storage plates, assay plates, luciferase reporter gene plates and liquid handling reagent reservoirs.

### VACUUM MANIFOLD



Vacuum manifolds are used to draw liquid through a filter or SPE plate into either a waste tray or a collection plate. The application of vacuum increases the speed at which samples can be collected. A vacuum manifold from Porvair Sciences is precision machined from crystal clear acrylic (top plate) and acetal polymer (plenum chamber). The acrylic top plate allows visual access to the plenum chamber for checking progress of the separation process.

### ULTRAVAP RC MICROPLATE EVAPORATOR



The new Ultravap RC from Porvair Sciences is the latest fully robot-compatible version of our popular Ultravap nitrogen blow-down evaporator, suitable for integration within the safety enclosure of several leading laboratory liquid handling robots. Designed with the demands of linear robots very much in mind, the Ultravap RC comprises a fully microprocessor controlled dry down station for 24-, 96- or 384-well plates, together with clear safety side screens and a 4 inch fume hood duct adaptor.

### ASSAY PLATE



Choosing the correct microplate for your application can mean the difference between indifferent and great results. There are three basic methods of obtaining useful optical data from microplate-based samples. The simplest method is absorbance measurement. Where greater sensitivity is required, fluorescence measurements are preferred. Sensitivity can be ten times greater than simple absorbance measurements. The third method involves luminescence, a naturally occurring phenomenon exhibited by certain animal and plant species which can emit light. This is a biological adaptation of a process which can also be seen as purely chemically-driven reactions, in which case it is referred to as chemiluminescence. Microplate readers are designed to read from either the top or the bottom of a microplate. Top reading instruments rely on measuring reflected light above the wells.



## MICRODIGITAL CO., LTD.

MicroDigital Co., Ltd. has brought forth innovative solution for biomedical industry through technological advancement and constant development since its establishment in 2002.

MicroDigital provides various systems for biomedical and environment industry. The systems feature accurate and precise automation control, quantitative optical detection system that measures lights from physiochemical natural phenomena, and system control technology for high speed rotational motion system. As a leading company in the field of biomedical and environmental science, MicroDigital is devoted to promoting customer's success through technological innovation.



### DIAMOND : FULLY AUTOMATIC IMMUNO ANALYZER

Diamond – Fully Automatic Immuno-Analyzer takes care of sample and reagent handling to well washing and optical measurement with a touch of a button. Diamond is a convenient and accurate fully automated system specialized for CLIA (chemiluminescence immunoassay) and ELISA(enzyme-linked immunosorbent assay)



### ISBS : INTEGRATED SAMPLE BANKING SOLUTION

iSBS is a total biosample banking solution that automatically vacuum-seals samples such as blood, urine, ascite, cerebrospinal fluid and pleural fluid, semi-permanently for purposes such as disease research, drug research, disease tracking, backup, etc.



### LUBI : MICROPLATE LUMINOMETER

LuBi is a Microplate Luminometer that detects lights from chemiluminescent reaction within samples, and measures the quantity of specific gene (DNA, RNA). With combination of Advanced PMT (Photomultiplier Tube) Technology & Optional Auto Injector Systems, it allows users to perform the test with great precision. It also features multi-plate option for 6, 12, 24, 48, 96 Well Microplates.



### LUMI : SINGLE TUBE LUMINOMETER

Lumi – Single Tube Luminometer is a compact luminescence detector that uses PMT to accurately quantify light emitted by chemiluminescence. 7" LCD monitor allows easy interface, while data can be backed up easily using USB drive.



## NABI : NABI UV/VIS NANO SPECTROPHOTOMETER

Nabi- UV/Vis Nano Spectrophotometer is a miniature spectrophotometer that can measure cuvette and microvolume samples. Using spectrometer technology, it can accurately and conveniently measure and analyze single wavelength as well as spectrums. It is a standalone system with 7.0" touch screen LCD, and simple data back up through USB is possible.



## BPS : BIOMASS DESICCATION AND PULVERIZATION SYSTEM

Biomass processing unit that can effectively pulverize, desiccate, and sterilize sewage sludge, livestock manure, wood waste, and other biomass wastes effectively at low price to produce biomass products

# HALLON

Hallon safety is the manufacturing center of dangerous storage systems and safety solutions in the world. We can provide full spectrum of all products, ranging from safety storage cabinet, gas cylinder storage cage, spill kits, spill pallets, PP cabinet, PP medicine, reagent cabinet to PP fume hood and so on. We are professional to provide fast, efficient service to our customers far beyond their expectation.





Shimadzu's UniBloc technology and over 90 years of experience in precision weighing instruments bring analytical balances to a new level of stability, reliability and response.



### AP SERIES

In the pharmaceutical industry, high-level measurement accuracy is required. A mass sensor, the UniBloc AP, has been adopted for the AP series, to provide both reliable accuracy and excellent durability. The series is equipped with a printing function to comply with ISO, GLP, and GMP; a function to support inspections to maintain accuracy; and a function to warn when a sample that weighs less than the minimum measurement value is weighed, all of which support your activities. Even if multiple samples are measured, data can be recorded on a USB flash drive, which makes it easy to utilize the data.



### AUW-D SERIES : DUAL-RANGE SEMI-MICRO BALANCES

AUW-D dual-range semi-micro balances are the world's first five-decimal balances with the advantages of UniBloc one-piece force cell technology.



### AU SERIES : ANALYTICAL BALANCES

AU models are the newest single-range analytical balances engineered with the UniBloc technology. This provides fast response and superb stability in a 0.1mg analytical balance. Various application functions, two modes of fully automatic calibration and back lit display support any imaginable requirements.



### ATX/ATY SERIES : ANALYTICAL BALANCES

New standard of analytical balance  
ATX/ATY series realized superior performance and budget price with Shimadzu weighing sensor UniBloc.  
This model achieve usability and high accuracy as analytical balance.



### UW/UX SERIES : TOP-LOADING BALANCES

The new line of Shimadzu top-loading balances are engineered with the innovative UniBloc mechanism which brings superior impact resistance unrivaled quick response, excellent stability and durability at the same time. Powerful features support any imaginable weighing application. UW Series comes with motor-driven built-in calibration weight and fully-automatic calibration functions.



### TW/TWC SERIES : TOP-LOADING BALANCES

The beginning of the new standard. Fine measurements are assured with sliding glass door windbreak system windbreak.

TW/TWC models feature a sliding glass door type windbreak as standard configuration. The highly transparent system includes semi-transparent corners and maximum door opening capability.



### BL SERIES

High-resolution balances made affordable.



### MOC63U : UNIBLOC MOISTURE ANALYZER

In many fields, a moisture analyzer is a necessary tool for quality control requirements. With the MOC63u, you can easily obtain accurate data. Simply place material on the pan and shut the cover. The MOC63u will start to measure. The MOC63u adapts to various materials and increases your work efficiency.



LabFreez Instruments Group as a professional manufacturer & supplier in China, Our products mainly included laboratory scientific instruments and industry equipment like laboratory ULT Freezer, deep freezer, lab/medical refrigerators, freeze dryer (lyophilizer) in lab, pilot and process scale, flake ice makers, ice cube maker, circulating chillers pump, environmental simulation testing chamber, rotary evaporators, glass reactor, spray dryer, dry oven, incubator, homogenizer and etc. Our company has acquired certificates of ISO9001 13485 14001, CE, GMP and it products have been welcomed all over the world such as U.S., EU, Australia, Singapore, Malaysia, Turkey, India and etc. Our products, with high performance-price ratio and our fast response service team have earned approval and praise both from the domestic and international markets.



Laboratory freezers, deep freezers, ultra-low temperature freezers, plasma freezers suppliers, chest freezers, upright freezers, capacity from 100L to 1000L.



Freezing Dryer (lyophilizer) is widely used in medicine, pharmacy, biology research, chemical industry, food production and etc, Goods are easier for long-term preservation after freezing-drying processing. There can be restored to the original state and maintain its chemical and biological characteristics after being watered.



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### ORBITAL SHAKING INCUBATOR

Remi Bench Top Orbital Shaking Incubator Model CIS 18 Plus finds application in researches on bacteria, cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature.



### COLD CABINETS

REMI Cold Cabinets are designed for bio sample storage applications in pharmaceutical, microbiology, biotechnology, chemical & research labs.



### MAGNETIC-STIRRERS-PLUS

Designed for homogenization, emulsification and dispersion and mixing of fluids at high speed. The user has a choice of selecting from AC Drive

### LABORATORY CENTRIFUGES

Laboratory Centrifuges model R-8C Plus & R-8M Plus are suitable for routine sample analysis in Medical, Hospital, Pathology and heads and adaptors, those units are truly versatile.



### WALK-IN STABILITY CHAMBER

REMI Walk in chambers are designed for simulating, monitoring & control of environmental conditions like temperature & humidity. All these chambers are double walled & modular in construction, easy to assemble at site.



India's Largest Manufacturer and Exporter of Magnet based high precision electronic balances. Contech Instruments Ltd, an ISO 9001 2008 Company established in the year 1992 has an installation base of more than 3 lac customers all over the world. Contech, the leading manufacturer of high precision electronic balances in India today offers the complete a range of Electronic Balances and Weighing scales for various applications...

### Laboratory Balances

- \* Semi Micro Balance
- \* Analytical Balance
- \* Density Balance
- \* Moisture Balance
- \* Flameproof Balance



### Industrial Weighing Scales

- \* Table Top Scale
- \* Piece Counting Scale
- \* Platform Scale
- \* Floor Scale
- \* Pallet Scale
- \* Crane Scale



### Electro Chemical Instruments

- \* pH Meter
- \* Cond./ TDS Meter
- \* ORP Meter
- \* Dissolved Oxygen Meter
- \* Electrodes



### Sample Preparation Instruments

- \* Magnetic Stirrer
- \* Hotplate Stirrer
- \* Digital Shaker
- \* Digital Tube Roller
- \* Digital Rotator





## LABMAN & WENSER



WENSAR introduced all type of Electronic Weighing Balances in WENSAR Brand and that created brand Image among the Dealers & Customers. We are glad to inform you that now we have also entered in the range of Industrial Weighing Systems and Scientific Instruments with latest technology and superior quality. Wensar team is focusing in following segments to cover under Wensar Brand soon like Chemicals, Blood Bank Instruments, Jewellery Equipment etc.

### WENSAR RANGE OF PRODUCTS ARE AS UNDER

#### ANALYTICAL & LAB BALANCES

- Semi Micro Balance
- Analytical Balance
- Precision Balance
- Moisture Balance
- High Precision Balance
- Table Top Balance
- Platform Balance
- Jewellery Balance
- Laboratory Weights

#### INDUSTRIAL WEIGHING SYSTEMS

- Crane Scale
- Wireless Crane Scale
- U Scale
- Bench Scale
- Piece Counting Scale
- Water Proof Scale
- Floor Scale
- Weigh Beam
- Animal Weighing Scale
- Hydraulic Pallet Scale
- Floor Scale With Ramp
- Electronic Weigh Bridge

#### SCIENTIFIC INSTRUMENTS

- pH Meter
- Conductivity Meter
- Multiparameter (Water)
- Ion Meter
- Dissolved Oxygen Meter
- Hotplate Magnetic Stirrer
- Digital Automatic Polarimeter
- Ultrasonic Cleaner
- Visible Spectrophotometer
- UV Visible Spectrophotometer
- Visible Spectrophotometer (Auto WL)
- UV Visible Scanning Spectrophotometer
- Double Beam UV Visible Spectrophotometer
- Digital Rotational Viscometer



Aczet is a leading manufacturer and supplier of complete solution for wide range of weighing, XRF & Laser applications with more than 2 decade experience. Our innovative products and high-quality services help customers around the globe to implement complex and quality-driven processes in their productions and laboratory environment in a time- and cost-efficient way. Our key customers are from the Pharmaceutical, Food, Fundamental research, Laboratory, Education and Jewellery industries.

We are specialized in High Precision Micro, Semi-micro, Analytical and Precision Balances. In Year 2011 we also launched our New Alpha Numeric: Halogen Moisture Balances which is first of it's kind & we are celebrating success of the product with all our Proud Distributors & their customers. We also have a wide range of Industrial scales, Platform Scales, Bench Scales, Counting Scales, Shipping Scales, Kitchen Scales, Health Scales, Fat Scale, Baby Scales, Crane Scales etc.



### LABORATORY BALANCES

Rely on Aczet Scale to fulfill all your laboratory weighing requirements effectively and efficiently.



### INDUSTRIAL SCALES

Aczet Scale is the leader in providing the weighing solutions for industrial weighing



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Our specially designed balances for the Jewellery application & highly accurate results makes Aczet's jewellery balances one of the most reliable amongst the users



### JEWELLERY EQUIPMENT

We are a one stop solution provider for all the desired Jewellery applications requiring accuracy & the detailing of the intricate designing



### RETAIL SCALES

Aczet CTP Series scales are the most suitable instruments for retail application



### LEGAL FOR TRADE SCALES

Avail from us an array of legal for trade scales complying with International standards



### MOISTURE ANALYZER

Highly sophisticated features and intelligent functions, highly accurate and quick results, very user friendly and state of the art design makes Aczet Moisture Analyzers, the best & the unique ones in the world

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## OUR PRINCIPALS



## OUR CLIENTS





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**We look forward to wonderful association together and success for all concerned**