

CATALOG



MANUFACTURING

SALES

SERVICE

LABORATORY EQUIPMENTS

HOSPITAL EQUIPMENTS

CLEAN ROOM FURNITURE

QUALITY INSTRUMENTS AND SERVICES

WWW.QUALITYINSTRUMENTS.IN

STABILITY CHAMBER



1. Double walled with puf insulation
2. Inner chamber made with SS304
3. Outer chamber made MS Powder coated / SS 304
4. Circulation motor provided for uniformity
5. U Shape ss tube heater
6. Boiler tank with boiler heater water level sensor with boll cock rovided
7. CFC Cooling system conssting of hermitically sealed compressor coupled with evaporating coil and with Evaporation coil and condensor
8. Programmable temperature controller or PLC Based controller provided
9. 21cfr complaince software provided
10. DQ IQ OQ PQ Documents Provided
11. Power Supply : 230AC 50HZ Main supply,
12. Water consumption as per your uasge per hour 1ltrs.

**NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP AND NON GMP MODELS WILL BE AVAILABLE ON REQUSET**

SPECIFICATIONS

**Temperature range&accuracy : 20°C to 60°C ±0.2°C Uniformity : 2°C
Relative Humidity Range & Accuracy : 40% to 95%±2% Uniformity :5%**

1. Double walled with puf/Glass wall insulation
2. Inner chamber made with SS304
3. Outer chamber made MS Powder coated / SS 304
4. Circulation motor provided for uniformity
5. U Shape ss tube heater
6. Optional safety controller over shoot protection
7. CFC Cooling system conssting of hermitically sealedcompressor coupled with evaporating coil and with Evaporation coil and condensor
8. Programmable temperature controller or PLC Based controller provided
9. 21cfr complaince software provided
10. DQ IQ OQ PQ Documents Provided
11. Power Supply : 230AC 50HZ Main supply,
12. Full length glass door fixed with locking system.

**NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP AND NON GMP MODELS WILL BE AVAILABLE ON REQUSET**

SPECIFICATIONS

**Temperature Range : 5°C to 60°C
Accuracy : ±1°C**

BOD / INCUBATOR



VERTICAL AUTOCLAVE



1. Top end model for sterilization of all critical application with exact reproducibility.
2. Semi / fully automatic operation
3. Double / triple walled design with heavy duty jacket
4. Automatic purging system with inbuilt cycle time
5. Automatic exhaust valve and manual mode system
6. Programmable autoclave controller or plc based autoclave controller design
7. Audio alarm gives signal when completion of sterilization
8. Online cycle recording and pc based printing option available
9. Fully chamber made of stainless steel
10. Automatic low water level indication
11. 21cfr compliance software provided if required
12. DQ IQ OQ PQ Documents Provided
13. Power Supply : 230AC 50HZ Main supply,

NOTE : AS PER CUSTOMER REQUIREMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUEST

SPECIFICATIONS

Operating Temperature: 121°C

Operating Pressure: 1.2kg

1. Multi port operating valve, control for the entire cycle of the operation.
2. Permits two exhaust speeds, fast & slow, easy to read pressures , temperature and timing with smooth operation
3. Self locking safety door cannot be opened while chamber is under pressure
4. Gauge glass tube with automatic closing safety valve
5. Heat resistance silicone door gasket
6. Pressure switch (on electric model)
7. Low water protection system, to protect the electric heaters
8. Temperature gauge / dig. Temp. indicator, optional
9. Vacuum breaker and safety valve for the jacket /boiler
10. Hydrolically test to 2.5 designed working pressure
11. Powerful ejector for drying
12. Insulated with resin bond fiber glass wool covered with ss sheet
13. Heating direct steam and electric or LPG Operated steam
14. Fully automatic operation through programmable autoclave controller or plc based controller
15. Optional 21cfr compliance software
16. DQ IQ OQ PQ Documents Provided
17. Power Supply : 230AC 50HZ Main supply,

NOTE : AS PER CUSTOMER REQUIREMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUEST

SPECIFICATIONS

Operating Temperature: 121°C to 124°C

Operating Pressure: 1.2kg

HORIZONTAL DOUBLE DOOR STEAM STERILIZER



SEROLOGICAL WATER BATH



- Double walled with Inner Chamber SS304 & Outer MS Powder Coated for non GMP Model
- Double walled with inner chamber SS304 & outer SS304 with matt/mirror buff finish for GMP Model
- Compressed glass wool insulated in between the walls to minimise the heat loss
- Heating by "U" Shape SS Water heaters
- Top door providing for steam loss
- One holes tray given
- Drainage cock is provided for out let purpose
- Programmable temperature controller with dual digital indicator with PT-100 Sensor
- Temperature range : 5°C above ambient to 100°C
- Chamber size : 460 X 460 X 360mm (LxHxW)
- ON/OFF Switch provided
- 16amp fuse provide for safety purpose

Instruction manual provided

NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUSET

SPECIFICATIONS

Operating Temperature: 5°C above ambient to 100°C
Accuracy: 2.0°C

- Double walled with Inner Chamber SS304 & Outer MS Powder Coated for non GMP Model
- Double walled with inner chamber SS304 & outer SS304 with matt/mirror buff finish for GMP Model
- Compressed glass wool insulated in between the walls to minimise the heat loss
- Heating by "U" Shape SS Water heaters
- Top door providing for steam loss
- One holes tray given
- Drainage cock is provided for out let purpose
- Programmable temperature controller with dual digital indicator with PT-100 Sensor
- Temperature range : 5°C above ambient to 100°C
- Chamber size : 460 X 460 X 360mm (LxHxW)
- ON/OFF Switch provided
- 16amp fuse provide for safety purpose

Instruction manual provided

NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUSET

SPECIFICATION

Temperature Range: 5°C above ambient to 300°C
Accuracy: 2.0°C

HOT AIR OVEN



DIGITAL COLONY COUNTER



1. usable in all laboratories, micro biology, pathology , bacteriology laboratories.
2. Housing made of MS Powder Coated
3. a probe pen type markig as well as counting provided
4. illumination provided by cool tube light for clear view and perfect counting through magnifying glass provided
5. with wolf huegged grid glass plate and a magnifying lens
6. 4 digit resettable digital display to read and record fecility
7. operates 230v ac
8. maximum counts upto 9999 readings.

**NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUSET**

SPECIFICATION

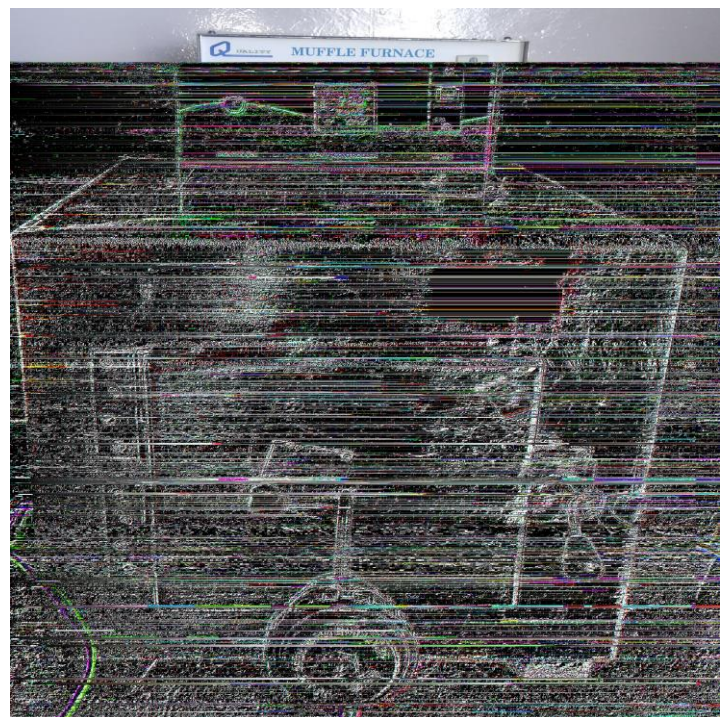
Range: 9999

MUFFLE FURNACE

- Double walled with Inner Chamber Ceramic & Outer SS GMP Model
- Compressed glass wool insulated in between the walls to minimise the heat loss
- Heating by "SPRING" Shape heaters
- Front door providing for heat loss
- One holes given for calibration
- Main door lock priveded
- Programmable temperature controller with dual digital indicator with thermocouple Sensor
- Temperature range : 200°C to 1100°C
- ON/OFF Switch provided
- 25amp fuse provide for safety purpose
- IQ OQ PQ Provided

Instruction manual provided

**NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUSET**



SPECIFICATION

**Temperature Range: 1100°C
Accuracy : ±2% on full scale**

VACUUM OVEN



- Double walled with Inner Chamber SS304 & Outer SS 304
- Compressed glass wool insulated in between the walls to minimise the heat loss
- Heating by "SPRING" Shape Dry heaters
- Front door with glass fitting provided
- Manual locking system provided
- Mechanical vacuum gauge provided
- Programmable temperature controller with dual digital indicator with PT-100 Sensor
- Fine control provided for stability purpose
- S S Type vacuum valves inlet and out let provided
- ON/OFF Switch provided
- 16amp fuse provide for safety purpose
- Two s s trays provided

Instruction manual provided

NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS

GMP MODELS WILL BE AVAILABLE ON REQUEST

SPECIFICATION

Temperature Range: 5°C above ambient to 200°C

Accuracy : ±2.0°C

HOT PLATE

- Hot plate made of stainless steel 304
- Outer SS 304
- Compressed glass wool insulated in between the walls to minimise the heat loss
- Heating by "SPRING" Shape Dry heaters
- Mechanical vacuum gauge provided
- Programmable temperature controller with dual digital indicator with PT-100 Sensor
- Fine control provided for stability purpose
- S S Type vacuum valves inlet and out let provided
- ON/OFF Switch provided
- 16amp fuse provide for safety purpose
- Two s s trays provided

Instruction manual provided

NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS

GMP MODELS WILL BE AVAILABLE ON REQUEST



SPECIFICATION

Temperature Range: 5°C above ambient to 300°C

Accuracy : ±2.0°C

DIGITAL OIL BATH



- Double walled with Inner Chamber SS304 & Outer SS 304
- Compressed glass wool insulated in between the walls to minimise the heat loss
- Heating by "SPRING" Shape Dry heaters
- Front door with glass fitting provided
- Manual locking system provided
- Mechanical vacuum gauge provided
- Programmable temperature controller with dual digital indicator with PT-100 Sensor
- Fine control provided for stability purpose
- S S Type vacuum valves inlet and out let provided
- ON/OFF Switch provided
- 16amp fuse provide for safety purpose
- Two s s trays provided

Instruction manual provided

**NOTE : AS PER CUSTOMER REQUIRMENT WE WILL DESIGN CAPACITY OF THE CHAMBERS
GMP MODELS WILL BE AVAILABLE ON REQUSET**

A 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. Data Storage facility upto 1000 samples, complete with pH electrode, temperature probe, electrode stand, dust cover & Instruction Manual, computer interface with USB.

Specifications :

Type of ph meter : Table top

Type : Digital

PH Range : 0 to 14

Display : 16 x 2 alpha numeric LCD Display

Calibration : Auto/Manual

DIGITAL PH METER



DIGITAL CONDUCTIVITY METER



Placed amongst the foremost suppliers, we are a far famed for the outstanding Microprocessor Conductivity Meter. We own a substantial warehouse to keep the stacked products safely until final dispatch. With the leading technologies and automated systems, we ensure that the fragile products are sternly packed and piled up systematically.

Specification	:
Display	: graphic lcd
Application	: laboratory use industrial use
Temp, compensation	: 0 to 100 degree c automatic with temp probe
Resolution	: Tds 0.01 Ppm
Power supply	: 230 V +-10% 50 HZ AC

DIGITAL TURBIDITY METER

This Microprocessor Turbidity Meter/Turbidity Analyzer (table top) is extremely useful for measurement of suspended solids/turbidity levels in Sewage Water, Ground Water, Potable Water, Soil Analysis Laboratories, Fisheries, Water Quality Control in Boiler Feed Water, Water Works Department, Breweries, Water Purification Plants, Chemical & Pharmaceutical Industries, etc.

Specification	:
Accuracy	: +- 2%FS
Power	: electronic
Measurement range	: 0 – 20NTU, 0 – 200NTU
Temperature	: 0 degree c to 40 degree c



DIGITAL BOMB CALORI METER



With the valuable assistance of skilled team of professionals, we are engaged in offering an extensive range of high-quality bomb calorimeters.

Specification :

Automation type : Semi – Automatic, Automatic

Shape : Round

CENTRIFUGE METER



R-4C Compact model is designed for routine work in medical and industrial laboratories has digital speed indicator and 0-60 minute digital countdown timer.

R-4C DX has additional features of dynamic brake for quick deceleration & imbalance detector with cutoff in case of uneven loads.

Specification :

Safety lid interlock to prevent cover opening during centrifugation

Dynamic brake for quick deceleration (r-4c dx)

Imbalance Stepless speed regulaton

detector with cutoff (r -4c dx).

MAGNETIC STIRREER METER



- PMDC motor for higher torque even at low speeds
- Better speed regulation even with small volume and low speeds
- Accurate stepless speed control maintains excellent Speed stability
- Digital speed indicator for displaying of stirring speed
- Totally enclosed unit
- Designed for use even in corrosive atmosphere

CYCLOMIXER METER



- Designed for mixing liquids in schools, laboratories & factories
- Touch/ continuous operation mode selection through bi – directional switch
- Speed regulation through knob provided on the control panel
- Interchangeable mixing heads for use with variety of tubes
- Supplied with all interchangeable mixing heads

ORBITAL SHAKER METER

- Stainless – steel chamber and platform easy to clean
- Transparent plastic door
- Microprocessor controller with large LCD screen for temperature and shaking speed with timing function
- Self – check function easy to identify problems
- Smooth start and stop system prevents liquid spillage
- Auto controller of fan speed to prevent damage to the samples
- Safety door switch, auto pause operation when it is opened.



SONICATOR



- Higher capacity other than mentioned are also available as per customer requirements.
- Different shapes basket available.
- Weight rings of different sizes available for different measuring cylinders. (2cm or 3cm).

ANALYTICAL BALANCE



- Freely set responsiveness or stability
- Connect with a computer via USB or RS232C
- Perform stable measurements in combination With an ionizer

MICRO SCOPE



- Ergonomic design
- Ideal for versatile application
- Long lifetime LED illumination.

TAP DENSITY APP



- Advanced micro- - controller based instrument
- Simultaneous rotating and tapping of the cylinders
- Supports both USP – I and USP – II methods
- Calculates bulk density, tapped density, Compressibility index and hausner ratio.

KARL FLSCHER APP

- Microcontroller based titrator suitable for accurate estimation of moisture
- Water content measuring range: 100 PPM TO 100% with appropriate sample quantity
- Incorporated with peristaltic pump
- Valve – less dispenser eliminates the need of cumbersome piston burette.



MELTING POINT APP



- Designed to measure and record the melting point of 3 samples simultaneously.
- Graphical LCD displaying the real time TIME V/S temperature graph
- Attached camera displays live , high-resolution images of each sample.

HEATING MANTLE

- Aluminium housing – non rusting
- Powder coated finish regular model
- Body & housing of SS 304 in GMP model
- Thick hand knitted fibre glass netting
- High quality insulation
- Energy regulator – power controller
- Maximum surface temperature 350 C.
- Booster heaters – in bigger sizes
- Usable with round bottom flask.



ANALYTICAL WEIGHT BOX



- Available in the sets and also single weights as per Customer requirements.
- All weights made from austenitic stainless steel
- Analytical weight includes weight from 1g upto 20 kg
- RrsI calibration facility also available for selected class.
- Calibration certificate and the laboratories are internationally valid and acceptable
- All weights according to OIML _ R111 standards
- Weights available in mono block and an adjustment cavity.

DIGITAL OIL BATH

- Printer output facility required to record, s v, actual date / time with variable print time interval, 5000 line memory & audio alarm facility case of memory full
- Audio ALARM facility to alert for temp. overshoot / undershoot.
- Timer facility



GENARAL GLASSWARE



- Glassco is the biggest exporter of scientific labware from india,
- Shipping more than 600 containers of glassware every year mainly interchangeable, volumetric, filtration and general labware manufactured in ISO / ASTM / DIN / NABL standards.
- A long with glassware a lot of allied line of products and accessories that are used in laboratory
- Application such as plasticware, rubberware, metalware, liquid handling instrument, hot plate, and stirrers.

BUNSLN BURNER

SPECIFICATIONS :

Description : without controller

Power consumption : 400 w

Dimensions (Diam . x H) : 120 x 177 mm

Weight : 0.5 kg

Temperature : 800 to 1000 c



FUME HOOD



- UL Classified
- Excellent aesthetics
- 5 degree sloped front
- Unique perforated baffle design
- Superior containment at 0.3m/s
- High energy savings
- Unique Hot Zone Baffles capture fumes quickly.
- The tapered fibreglass exhaust collar reduces airflow turbulence, static pressure loss, noise level and increases face velocity uniformity.
- Perfect Pitch Profile™. The gentle pitch of the hood profile enhances visibility.
- Tri-wall construction and chain-and-sprocket sash system for maximum durability.

HYGRO THERMOMETER

A **hygro thermometer** is an instrument that combines a **hygrometer** and a **thermometer**.

The **hygrometer** portion of the instrument is used to measure the moisture content of the air to determine its relative humidity. The warmer the air is the more humidity it can absorb until it is saturated

Specifications :

Factory calibration certificate, batter charge indicator ,high accuracy .



UV CHAMBER



Size/Dimension	15"X12"X10" (H)
Light Source	3 Nos , Short Wave -25, 1no, Long Wave-365nm Visible Light
Material	Mild Steel
Voltage	230 V AC
Base Measures	370 x 300 mm
Tube Size	12" Long
View Place	Aluminum Casting With Protection

DIGITAL THERMOMETER

- Easy – to read 0.5 in .h (13 mm) LCD MIN / MAX memory
- Hold button, and data logger with 50 readings and an RS- 232 PORT
- Optional fast – response, stainless – steel triple – purpose , reading are updates three time per second.



