

Since 2005



≡ **SAMIKSHA** ≡

Industrial Corporation (Mumbai)

Mfrs of : Laboratory Instruments & Engg. Works





Industrial Corporation (MUMBAI).
Mfrs. of : Laboratory Instruments & Engg. Works

COMPANY PROFILE

Our company Samiksha Industrial Corporation was established in the year 2005 in Mumbai. We are one of the leading Manufacturer & Supplier of a wide variety of Laboratory, Pharma and Hospital Equipment. They are fabricated using highly qualitative raw-materials at our ultramodern infrastructure facility. They are designed and developed by using premium quality components and raw-materials. They are highly acclaimed for their damage-resistant and durable features. They find application in various places for the purpose of heating and increasing the temperature. We offer a wide range of heating products to our valuable clients within the specified time-frame as per their specifications. They are highly acclaimed for being light-weight and portable. They can be easily installed and maintained. We offer these heating products to our esteemed clients at affordable prices.

Our manufacturing unit boasts of premium-quality machines and equipments which help us engage in the manufacture of a qualitative range of heating products. Our high capacity machines can churn out bulk products within a short span of time by functioning at their optimum capacity. Our products are tested by professional quality auditors to ensure optimum end-user satisfaction. They ensure that our products fulfil the expectations of the clients. Our employees work in specialized teams in order to streamline the production process. Our spacious warehouse facility helps us efficiently store our products till the time they are dispatched. Sufficient back-up stocks of our products are maintained in order to cater to bulk and urgent deliveries. Our tie-ups with few of the best shipment agencies enable hassle-free export of our products. Under the efficient guidance and leadership of Mr. Santosh Kale, our organization has carved a niche for itself in the market. We take care that the quality of our products is never negotiated upon. This quality-centric approach has led many clients to deal with us many times. Our focus on ethical business practices has garnered a lot of appreciation from the clients.



HEATING MANTLE



ITEM CODE: BLS - 01

DESCRIPTIONS:

- Regular – GMP - Models
- Aluminium housing – non rusting.
- Powder Coated Finish in 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 350oC.
- Booster heaters – in bigger sizes.
- Usable with round bottom flask.

SPECIFICATIONS:

FLASK CAPACITY	WATTS	CIRCUITS	VOLTS
50 ml	60	1	230
100 ml	60	1	230
250 ml	150	1	230
500 ml	200	1	230
1 Litre.	300	1	230
2 Litre.	450	1	230
3 Litre.	500	1	230
5 Litre.	600	1	230
10 Litre.	2 x 500	2	230

OIL BATH (SINGLE WALL)



ITEM CODE: BLS - 07

The Oil Bath Mini Round we manufacture ensures no burn out of the heater due to lack of water along with a state of art PID controller with timer that provides a fully automatic control over the process. These are featured with the following attribute:

FEATURES:

- A clear bottom
- A uniquely designed bath
- A floating overshoot alarm
- An absolute over - temperature alarm with auto cut off

The above features results reproducible because full cycle is automatic, requiring no human interference.

THE OIL BATHS ARE FEATURED WITH THE FOLLOWING:

- Ideal instrument for laboratories
- Hydraulic thermostat control
- Temperature range up to 300 °C
- Heater on indicator
- 230 VAC single phase

AVAILABLE SIZES:

01 Ltr
02 Ltrs
03 Ltrs
05 Ltrs
10 Ltrs

DOUBLE WALL DIGITAL WATER BATH



ITEM CODE: BLS - 03

Double Wall Thermostatic Water Bath, inside stainless steel and outside mild steel sheet painted in epoxy powder coating. Gap of 25 mm between the walls insulated with pure white glass wool. Top of the bath and concentric rings are stainless steel Thermostatic control temp. ranging from room temp. to 100 °C with ± 0.5 °C

SIZES AVAILABLE:

- 14" x 10" x 04" 6 holes
- 16" x 12" x 04" 12 holes

SEROLOGICAL WATER BATH



ITEM CODE: BLS - 04

Double Wall Thermostatic Water Bath, inside stainless steel and outside mild steel sheet painted in epoxy powder coating. Gap of 25 mm between the walls insulated with pure white glass wool. Top of the bath and concentric rings are stainless steel Thermostatic control temp. ranging from room temp. to 100 °C with ± 0.5 °C

SIZES AVAILABLE:

- 10" x 06" x 07" 2 RACKS
- 14" x 10" x 07" 4 RACKS
- 18" x 12" x 07" 6 RACKS

MELTING POINT APPRATUS



ITEM CODE: BLS - 18

Enriched by our vast industrial experience in this business, we are involved in offering an enormous quality range of Laboratory Melting Point Apparatus. These are fabricated in line with the international quality standards as per the latest technological advancements. The Laboratory Melting Point Apparatus, offered by us, is high durable and resistance to adverse conditions.

SPECIFICATION:

- Melting Point Apparatus is usable to estimate the Melting Point of chemicals, Pharmaceuticals, Foods etc.,
- This is very useful to determine the melting point of any substance.
- Max Temp. up to 350°C.
- Consist with aluminum cylindrical block for heating, Radial holes admits a thermometer and glass capillary
- Temp. Controlled by energy regulator
- Regulator fitted to the unit and with high, low heat switch

AVAILABLE SIZE

- Suitable for 3 CAPILLARY with Energy Regulator
- Suitable for 3 CAPILLARY with Rehostate

DOUBLE WALL WATER BATH



AVAILABLE SIZES:

08" Dia x 06" Height	2 Ltrs.
11" Dia x 10" Height	5 Ltrs.
14" Dia x 11" Height	10 Ltrs.

ITEM CODE: BLS - 05

The Round Water Bath we manufacture ensures no burn out of the heater due to lack of water along with a state of art PID controller with timer that provides a fully automatic control over the process. These are featured with the following attribute:

FEATURES:

- A clear bottom
- A uniquely designed bath
- A floating overshoot alarm
- An absolute over - temperature alarm with auto cut off

The above features results reproducible because full cycle is automatic, requiring no human interference.

The Water Baths are featured with the following:

- Ideal instrument for laboratories
- Hydraulic thermostat control
- Temperature range up to 100 °C
- Heater on indicator
- 230 VAC single phase

OIL BATH (DOUBLE WALL)



AVAILABLE SIZES:

01 Ltr
02 Ltrs
03 Ltrs
05 Ltrs
10 Ltrs

ITEM CODE: BLS - 08

The Oil Bath Mini Round we manufacture ensures no burn out of the heater due to lack of water along with a state of art PID controller with timer that provides a fully automatic control over the process. These are featured with the following attribute:

FEATURES:

- A clear bottom
- A uniquely designed bath
- A floating overshoot alarm
- An absolute over - temperature alarm with auto cut off

The above features results reproducible because full cycle is automatic, requiring no human interference.

The oil baths are featured with the following:

- Ideal instrument for laboratories
- Hydraulic thermostat control
- Temperature range up to 300 °C
- Heater on indicator
- 230 VAC single phase

MANESTY TYPE WATER STILL



ITEM CODE: BLS - 10

Amidst our wide range of products, we are engaged in offering Manesty Type Water Still that is used for removing impurities from water. It is manufactured by our experts using supreme quality components under the supervision of skilled professionals as per the set industry standards. This unit requires minimum maintenance and can be installed easily. Owing to its smooth operation, excellent performance, high efficiency and strong construction, the offered Water Still (Manesty Type) is highly demanded in the market.

CAPACITY:

4 Ltrs / 6 Ltrs / 8 Ltrs / 10 Ltrs / 20 Ltrs

TABLE PATTERN BARNSTEAD TYPE WATER STILL



ITEM CODE: BLS - 11

We present a spectacular array of Electrical Table Pattern Barnstead Type Water Still. These water distillation plants have been manufactured to cater to the diverse demands of optimum quality distilled water. These are ideal for removing all sort of impurities (organic, inorganic, gaseous, bacterial and cryogenic) and leaving a pure distillate at the end. The evaporators are versed with a set of totally immersed long life heating elements and are quite easy to remove. A convenient drain valve is offered for flushing and easy usage to the entire evaporating chamber, which makes cleaning smooth and easy. The offered range is double walled where the outer wall is developed using the mild steel and inner (boiler) is made of superior grade stainless steel. Also, the separation area between walls is filled with special grade glass wool to prevent loss of heat. Moreover, the condenser and boiler is designed using the stainless steel.

CAPACITY:

4 Ltrs / 6 Ltrs / 8 Ltrs / 10 Ltrs / 20 Ltrs

DIGITAL COLONY COUNTER



ITEM CODE: BLS - 24

We offer Digital Colony Counter to our client. The improved colony counter reveals colonies of bacteria clearly against a dark background. The illumination is brighter and completely uniform. This principle increases the contrast between the colonies and the culture medium. It improves the visibility so that very small colonies can be seen. As a result the observer works efficiently and obtains accurate data quickly.

AVAILABLE SIZES

10" x 12" x 06"

4" DIA Max. Counts. 9999

ROUND LABORATORY HOT PLATE



ITEM CODE: BLS - 12

We are engaged in manufacturing premium-quality Round Laboratory Hot Plate. The offered array of laboratory hot plates is manufactured by our expert professionals in adherence with the international quality standards. The controls are not affected by spillage of solution in this exclusive design. It has highly tested control components. An exterior powder coat finish is also present. The instrument has Bakelite handles for easy lifting and aluminum square with a key to hold the flask with a clamp if needed.

FEATURES:

- Decent appearance
- Smooth performance
- Multiple sizes available
- Risk-free

SIZE:

- 08" DIA
- 09" DIA
- 12" DIA

RECTANGULAR HOT PLATE



ITEM CODE: BLS - 13

We are engaged in manufacturing premium-quality Rectangular Hot Plate. They are equipped with a two-tier combination that is specially designed in order to reflect minimum heat to the control compartment. These hot plates are entirely safe for drying, distilling, evaporating and many countless testing jobs in every lab. They have a heavy mild steel sheet constructed body. The top surface is available in a round model with a mild steel casting. They also have thick mild steel plates in a rectangular model. The top plates are packed with the roughly spreads insulated heating elements. The top plate overhangs by the help of supporting ceramic pillars which serve to insulate the air being far away from the control compartment. A choice of control is available ranging from a triple heat selector switch or energy regulator or a thermostatic control. Four sturdy rubber feet are present to protect the table tops. The controls are not affected by spillage of solution in this exclusive design. It has highly tested control components. An exterior powder coat finish is also present. The instrument has Bakelite handles for easy lifting and aluminum square with a key to hold the flask with a clamp if needed.

PRODUCT DETAILS:

- A heavy mild steel sheet constructed body.
- The M. S. top surface in round model and thick M. S. Plates in rectangular model. The top plates are packed with the roughly spreads insulated heating elements. The top plate overhangs by supporting ceramic pillars which serves air insulation being apart from the control compartment.
- A choice of control from only a 3 Heat selector switch or energy regulator or with thermostatic control.
- Four sturdy rubber feet to protect table tops.
- Highly tested control components.
- Exterior finished powder coat finish.
- Bakelite handles for easy lifting and aluminum square with key to hold flask with clamp if needed.

VIRTUES:

- Controls and compartment remains cool during operating being two tier design.
- Decent outlook and gentle performance.
- There is no danger to the bench top being combination construction.
- Controls not affected by spillage of solution in this exclusive design. Surface temperature as

SIZES:

- 10" x 16"
- 12" x 18"
- 18" x 24"

HOT AIR OVEN (LABORATORY OVEN)



DOCUMENTATION:

Calibration Certificate of the unit with Government Approved triciability. Also available IQ, OQ, PQ and DQ documentation with site validation, Installation & demonstration facility on request.

SIZES:

14" x 14" x 14"
18" x 18" x 18"
18" x 18" x 24"
24" x 24" x 24"
24" x 24" x 36"

FEATURES:

- Flawless finish
- Adjustable controls
- Economically priced

ITEM CODE: BLS - 14

We are engaged in manufacturing premium-quality Hot Air Oven (Laboratory Type) which are designed to meet a wide range of applications in all the modern laboratories, hospitals, research institutions and R&D centers. It has a double-walled study construction having an inner chamber made of stainless steel and a mild steel sheet with epoxy powder coated finish. It boasts of high grade glass wool insulation between the walls and the doors ensure low heat loss to environment. A choice of control is offered ranging from a solid state digital temperature controller. It is equipped with double-walled bottom side heaters in Laboratory Type Models with galvanized wire mesh shelves. It enables the selection of gravity convection regular model or air circulation by motorized blower and digital controller. These products are offered to clients at leading market rates in various sizes.

SELECTION OF G.M.P. MODEL:

- Double walled study construction having inner S.S. 304 chamber & exterior G.I. / M.S. Sheet with epoxy powder coated finish.
- High grade glass wool insulation between the walls and door ensure low heat loss to environment.
- A choice of control from solid state digital temp controller.
- Temp. Range : 5°C above ambient to 250°C.
- Double walled Bottom side heaters in Laboratory type model.
- With Galvanizes Wire mesh shelves and full length inner glass door.
- Selection of Gravity Convection Regular Model or Air circulation by motorize blower & Digital Controller.
- P.I.D. Controller can be attached.
- G.M.P. Model S.S. 304/316 are available.

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish. Control Selection of PID. Microprocessor base controller with RS 485 communication or RS 232 communication.

UV CABINET



ITEM CODE: BLS -40

PRODUCT DESCRIPTION:

Other Details:

- Provides an enclosed viewing space which eliminates external light interference
- Control switches mounted on top of unit
- This self-contained unit is designed for easy viewing and making of chromatograms.
- Used with ultra violet lamp for observing fluorescent effect chromatograms etc.
- For Visualization of test objectives under tubes having wave length (365nm), short wave length (254nm) as desired

PRODUCT SPECIFICATION:

Automation Grade	Semi-Automatic	Voltage (V)	230
Surface Treatment	MS		

HOT AIR OVEN (MEMMERT TYPE)



ITEM CODE: BLS - 15

We are engaged in manufacturing premium-quality Hot Air Oven (Memmert Type) which are designed to meet a wide range of applications in all the modern laboratories, hospitals, research institutions and R&D centers. It has a double-walled study construction having an inner chamber made of stainless steel and a mild steel sheet with epoxy powder coated finish. It boasts of high grade glass wool insulation between the walls and the doors ensure low heat loss to environment. A choice of control is offered ranging from a solid state digital temperature controller. It is equipped with Triple-walled Two side heaters in Laborator Type Models with galvanized wire mesh shelves. It enables the selection of gravity convection regular model or air circulation by motorized blower and digital controller. These products are offered to clients at leading market rates in various sizes.

DOCUMENTATION::

Calibration Certificate of the unit with Government Approved triciability. Also available IQ, OQ, PQ and DQ documentation with site validation, Installation & demonstration facility on request.

SIZES:

14" x 14" x 14"
18" x 18" x 18"
18" x 18" x 24"
24" x 24" x 24"
24" x 24" x 36"

SELECTION OF G.M.P. MODEL:

- Triple walled study construction having inner S.S. 304 chamber & exterior G.I. / M.S. Sheet with epoxy powder coated finish.
- High grade glass wool insulation between the walls and door ensure low heat loss to environment.
- A choice of control from solid state digital temp controller.
- Temp. Range : 5°C above ambient to 250°C.
- Triple walled two side heaters in Memmert type model.
- With Galvanizes Wire mesh shelves and full length inner glass door.
- Selection of Gravity Convection Regular Model or Air circulation by motorize blower & Digital Controller.
- P.I.D. Controller can be attached.
- G.M.P Model S.S. 304/316 are available.

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish.
Control Selection of PID. Microprocessor base controller with RS 485 communication or RS 232 communication.

FEATURES:

- Flawless finish
- Adjustable
- Controls

ORBITAL ROTARY SHAKER



ITEM CODE: BLS - 39

Provides an enclosed viewing space which eliminates external light interference
Control switches mounted on top of unit
This self-contained unit is designed for easy viewing and making of chromatograms.
Used with ultra violet lamp for observing fluorescent effect.

- Capacity : 250ml. x 9 Flasks.
- Speed : 20 to 200 RPM adjustable
- Orbit Diameter : 25mm
- Dimension : 480 W x 480 D x

VACUUM OVEN (RECTANGULAR TYPE)



SIZES:

08" x 08" x 12"
12" x 12" x 16"
14" x 14" x 20"
18" x 18" x 24"
20" x 20" x 30"
24" x 24" x 36"
36" x 36" x 36"

ITEM CODE: BLS - 27

We are offering Rectangular Type Vacuum Oven to our clients. This model specially designed for drying & heating under carefully controlled conditions from atmospheric pressure to vacuum up to 30" Hg. They facilitate desiccating, vacuum embedding, plating and electronic component processing.

PRODUCT DETAILS

- This model offer good space utilization.
- Thermo - wall heat eliminate all exposed heaters providing great safety and more uniformity.
- Right Side mounted control panel includes vacuum-gauge, electronic controller, heat-selector, mains and are front located for easy access
- The heat-tempered window allows observation of load.
- Vacuum levels are controlled between 2" and 30" Hg.
- Radiant warm wall heat guarantees even heat distribution.
- Proportional temperature control system for fine proportioning of heat into the chamber.
- Aluminum / stainless steel shelves provide excellent heat conduction.

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with matt finish. Control Selection of PID. Microprocessor base controller with RS 485 communication or RS 232 communication.

DOCUMENTATION

Calibration Certificate of the unit with Government Approved Traceability. Also available IQ, OQ, PQ and DQ documentation with site validation, Installation & demonstration facility on request.

LEAK TEST APPARATUS



SELECTION OF G.M.P. MODEL:

- 1mm Thick SS-304 cabinet
- Alarm at completion
- Precise Control of vacuum. of Test.
- Hold and Resume facility.
- Heavy Duty oil free Vacuum Pump.

ITEM CODE: BLS - 41

The instrument is used to test the quality of the packaging process and to check that the seals enclosing the product are perfectly intact. Our Leak tester is designed to find the smallest holes and imperfections in blister packs and other semi-rigid product packaging. The leak test apparatus is widely used in the pharmaceutical industry for checking strips, blisters and bottles containing tablets, capsules and syrups. It also find application in the food industry where it can be effectively used to check the air-tightness of sweet packets, ready-to-eat pre-packed foods, confectionery packaging, packs of noodles, sauces etc.

TECHNICAL SPECIFICATIONS

- Type GMP Model, SS304 Enclosure
- Time Control Digital (Programmable from 000.1 to 999.9 min)
- Vacuum Pump Oil free with maximum vacuum 27" + -5%
- Test Vacuum Range Adjustable - 100-650mmHg
- Vacuum Control Precise Vacuum Regulator
- Vacuum Release By Front Knob
- Hold & Resume Facility Yes
- Audio Alarm at completion Yes
- Test Unit Size 200mm

SIZE : 8" DIA x 10" DIA x 12" DIA

BACTERIOLOGICAL INCUBATOR (MEMMERT TYPE)



ITEM CODE: BLS - 17

We are engaged in the manufacture of premium-quality Bacteriological Incubator (Laboratory Type). It is excellent in its construction, advanced in its technology and unparalleled in its performance. It is most suitable for incubation and embedding. Its housing is compact and double walled having a stainless steel interior and an exterior of epoxy powder coated finish. It boasts of light-weight compressed insulation in order to prevent heat exchange. This instrument enables to conveniently access the control panel grouped on top or below the door by selecting digital indicating temperature controller. It also enables the selection of gravity convection regular model or air circulation by motorized blower or fan. This machine has double-walled two side heaters in Laboratory type model with galvanized wire mesh shelves and a full length inner glass door. They are offered to clients at leading market rates within the specified time-period at affordable prices.

FEATURES:

- Negligible heat exchange
- Reliable indicators present
- Affordable

SELECTION OF G.M.P. MODEL:

- † Inner SS 316 with mirror polish. Outer SS 304 with
- Matt finish. Control Selection of P.I.D. Microprocessor base controller with RS 485 communication or RS
- 232 communication.

DOCUMENTATION:

Calibration Certificate of the unit with Government Approved Traceability. Also available IQ, OQ, PQ and DQ documentation with site validation, installation & demonstration facility on request.

PRODUCT DETAILS:

- Housing is compact and triple walled having 304 S.S. Interior and exterior of epoxy powder coated finish.
- Light - Weight compressed insulation prevent heat exchange.
- Conveniently access control panel grouped on top or below the door with selection of digital indicating temp. Controller.
- Temp. Range : Above ambient 5°C to 60°C with accuracy of $\pm 0.5^\circ\text{C}$ in digital model.
- Selection of Gravity Convection Regular Model or Air circulation by motorized blower or Fan.
- Triple walled two side heaters in Memmert type model.
- With Galvanizes Wire mesh shelves and full length inner glass door.

SIZES:

12" x 12" x 12"
14" x 14" x 14"
18" x 18" x 18"
18" x 18" x 24"
24" x 24" x 24"
24" x 24" x 36"

VACUUM OVEN (ROUND TYPE)



ITEM CODE: BLS - 26

BLS is leading name in this domain, engaged in offering Vacuum Oven to our revered clients. The unit now improved with excellent uniformity for Dry samples under vacuum or standard atmospheric conditions

PRODUCT DETAILS:

- Specially designed heating element that eliminates exposed heaters giving smooth chamber surface.
- Heat treated toughened glass window leave clear contents view.
- Maximum temperature 200 °C.
- Silicon gasket and positive door latch assure a tight seal at all vacuum levels.
- Blind electronic controller as standard and ANALOGUE or DIGITAL indicator is offered as optional.
- Removable shelves for easy cleaning.
- Two needle valves : one for vacuum, the other for flushing or purging.
- Exterior made of heavy gauge mild-steel, finished with tough powder coat finish.
- Maximum vacuum up to 30" Hg.
- PID based microprocessor controller with memory of 6000 lines and

SIZE:

9" dia x 12" depth
12" dia x 15" depth
15" dia x 18" depth

HUMIDITY CONTROL OVEN



ITEM CODE: BLS -29

PRODUCT DETAILS:

- Most accurate and reliable chamber for long term high temp. & RH testing
- Creating ideal conditions for industrial component research and bio technical specification test
- Chamber have stainless steel Interior and the exterior construction of G. I. having powder coated finish
- A position vertical air circulation ensures temperature and RH uniformity
- Digitally set, temperature and humidity controller, with direct digital read out in temperature and percentage RH
- The insulated door having inner S. S. Lining consist double glass window for visual of samples without loss of condition.
- Temperature range 50% RH to 95% RH. A water vapor generator injects water vapor Into circulation to control chamber humidification
- A water level indicator prompt for water supply to reservoir

SIZE:

18" x 18" x 18" : 3 CFT
20" x 20" x 28" : 6 CFT
20" x 22" x 34" : 8 CFT
24" x 22" x 36" : 10 CFT
24" x 24" x 36" : 12 CFT

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish.
Control Selection of RID. Microprocessor base controller with RS 485 communication or RS 232 communication.

BACTERIOLOGICAL INCUBATOR (LABORATORY TYPE)



ITEM CODE: BLS - 17

We are engaged in the manufacture of premium-quality Bacteriological Incubator (Memmert Type). It is excellent in its construction, advanced in its technology and unparalleled in its performance. It is most suitable for incubation and embedding. Its housing is compact and triple walled having a stainless steel interior and an exterior of epoxy powder coated finish. It boasts of light-weight compressed insulation in order to prevent heat exchange. This instrument enables to conveniently access the control panel grouped on top or below the door by selecting digital indicating temperature controller. It also enables the selection of gravity convection regular model or air circulation by motorized blower or fan. This machine has triple-walled two side heaters in Memmert type model with galvanized wire mesh shelves and a full length inner glass door. They are offered to clients at leading market rates within the specified time-period at affordable prices.

FEATURES:

- Negligible heat exchange
- Reliable indicators present
- Affordable

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish. Control Selection of P.I.D. Microprocessor base controller with RS 485 communication or RS 232 communication.

DOCUMENTATION:

Calibration Certificate of the unit with Government Approved Traceability. Also available IQ, OQ, PQ and DQ documentation with site validation, installation & demonstration facility on request.

PRODUCT DETAILS:

- Housing is compact and triple walled having 304 S.S. Interior and exterior of epoxy powder coated finish.
- Light - Weight compressed insulation prevent heat exchange.
- Conveniently access control panel grouped on top or below the door with selection of digital indicating temp. Controller.
- Temp. Range : Above ambient 5°C to 60°C with accuracy of $\pm 0.5^\circ\text{C}$ in digital model.
- Selection of Gravity Convection Regular Model or Air circulation by motorized blower or Fan.
- Double walled two side heaters in Laboratory type model.
- With Galvanizes Wire mesh shelves and full length inner glass door.

SIZES:

12" x 12" x 12"
14" x 14" x 14"
18" x 18" x 18"
18" x 18" x 24"
24" x 24" x 24"
24" x 24" x 36"

BOD INCUBATOR



ITEM CODE: BLS - 28

We are engaged in manufacturing specially designed BOD Incubator for the determination of bio-chemical oxygen demand. They can be used for many more applications which include examination of water, sewage and industrial waste, serum studies and storage of vaccines, insulin and liver extracts etc. They have a double-walled inner coating of stainless steel and exterior G.I. Powder coated finish. They are equipped with a precise solid-state digital indicating temperature controller. The 'CFC' free Eco-friendly cooling kit includes hermetically sealed compressor, fan cooled condenser and overload protection system. The highly insulated chamber and door minimize the heat exchange. A full length glass door is present for the observation of test without disturbing the temperature equilibrium. PID based microprocessor controllers with printer interface or PC output are also available on request. We provide the calibration certificate of the unit along with government approved traceability. Different documentations are also available along with site validation, installation and demonstration facility upon request.

FEATURES:

- Environment-friendly
- Minimal heat exchange
- Quality assured

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish. Control Selection of P.I.D. Microprocessor base controller with RS 485 communication or RS 232 communication.

DOCUMENTATION:

Calibration Certificate of the unit with Government Approved Traceability. Also available IQ, OQ, PQ and DQ documentation with site validation, installation & demonstration facility on request.

PRODUCT DETAILS

- Double walled inner 304 S.S. And exterior G.I. Powder coated finish. Precise solid - state DIGITAL indicating temperature controller.
- The "CFC" Free Eco - Friendly cooling kit includes hermetically sealed compressor, fan cooled, condenser and overload protection system.
- Highly insulated chamber and door minimize the heat exchange.
- A full length glass door for observation of test without disturbing temp. Equilibrium.
- Selection of MODEL for Temperature 5°C - 60°C.
- PID based microprocessor controllers with printer interface or PC out
- put are also available on request.

SIZE:

18 X 18 X 18, 3 CFT 90 Itrs
20 X 20 X 28, 6 CFT 170 Itrs
20 X 22 X 34, 8 CFT 225 Itrs
24 X 22 X 36, 10 CFT 285 Itrs
24 X 24 X 36, 12 CFT 320 Itrs

CONSTANT TEMP. BATH



ITEM CODE: BLS - 32

PRODUCT DETAILS:

We offer Viscosity Bath (Heating / Cooling) & it is ideal for broad range of viscosity tests as per all standards available for 6-3-2 tests with cannon or other suspended level type viscometer tubes. Designed for accurate convenient & economical determination of viscosity

SPECIFICATIONS

Double walled in construction with inner of S S 304 & exterior of GI powder coated in REGULAR Model.
 Inner of S S 316 & Exterior S S 304 in GMP Model.
 Inner SS 316 L & Exterior S. S. 304 Matt finish in GMP Models.
 High compressed glass wool insulation provided to minimize the heat loss.
 The unit consist of pump cum stirring assembly for Temp. uniformity as well as internal & external circulation.
 2 sides toughened glass window perfectly sealed is provided to have clear visibility of test in All MODELS.
 Illumination by fluorescent tube is provided at the back side.
 The drainage outlet is assembled.

In Cooling Model the cooling system is CFC free inclusive of hermetically sealed compressor, condenser, fan motor etc safely installed at the bottom of the unit.

The temp. is controlled by microprocessor based PID Temp. controller with dual digital indicator & PT-100 as sensor.

Heating provided through U type S S long lasting

OPTIONAL:

Microprocessor based PID Temp. Controller with centric port for printer output.
 IQ/OQ/PQ Documents if required.
 Site Calibration / Validation if required.
 Custom built can be available of any size on

Bath Chamber L x W x D	Viscous-Meter Accommodate	Temp. Range	Temp. Accuracy	Temp. Indicaton
14" X 7" X 13"	2	5 °C Above ambient to 199.9 °C	± 0.05 °C	0.1 °C
19" X 7" X 13"	4	5 °C Above ambient to 199.9 °C	± 0.05 °C	0.1 °C
24" x 7" x 13"	6	5 °C Above ambient to 199.9 °C	± 0.05 °C	0.1 °C
10" x 10" x 13"	2	-20 °C to 99 °C	± 0.05 °C	0.1 °C
10" x 10" x 13"	2	-20 °C to 99 °C	± 0.05 °C	0.1 °C
10" x 10" x 13"	2	-20 °C to 99 °C	± 0.05 °C	0.1 °C

STABILITY CHAMBER



SIZE

18" x 18" x 18" : 3 CFT
20" x 20" x 28" : 6 CFT
20" x 22" x 34" : 8 CFT
24" x 22" x 36" : 10 CFT
24" x 24" x 36" : 12 CFT

ITEM CODE: BLS - 30

PRODUCT DETAILS:

- Most accurate and reliable chamber for long term high temp. & RH testing
- Creating ideal conditions for industrial component research and bio technical specification test
- Chamber have stainless steel Interior and the exterior construction of G. I. having powder coated finish
- A position vertical air circulation ensures temperature and RH uniformity
- Digitally set, temperature and humidity controller, with direct digital read out in temperature and percentage RH
- The insulated door having inner S. S. Lining consist double glass window for visual of samples without loss of condition.
- Temperature range 50% RH to 95% RH. A water vapor generator injects water vapor Into circulation to control chamber humidification
- A water level indicator prompt for water supply to reservoir

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish.
Control Selection of RID. Microprocessor base controller with RS 485 communication or RS 232 communication.

AUTOMATIC CO2 INCUBATOR



SPECIFICATIONS:

Temperature	Range	5 °C above Ambient to 60 °C
	Stability	± 0.1 °C
	Uniformity	± 0.2 °C
	Sterile Range	± 90 °C /124 °C
	Indicator	LED/LCD
CO ₂	Range	0% to 20%
	Stability	± 0.1 °C
	Uniformity	± 0.2 °C
	Indicator	LED/LCD

ITEM CODE: BLS - 31

We offer Automatic CO₂ Incubator. It is advanced cell culture range of equipments-now includes absolutely precise controlled CO₂ Incubator which provide Constant temperature and homogenous continuously stable CO₂ concentration.

- Selection of water jacket unit or air jacket unit.
- Selection of thermal conductivity control system or infrared CO₂ control system.
- Selection of fully 316 stainless steel CGMp model or decent exterior powder coated model.

SALIENT FEATURES:

- Stable and homogeneous Temperature and CO₂ level.
- Microprocessor based Temperature and CO₂ control
- Ultra clean environment-smooth radius interior & immediate dismountable rack and shelves.
- Constant Relative Humidity with Natural evaporation.
- Autoclave Door Gasket.
- Tempered inner glass door permits full viewing of samples
- Auto controlled-heated door eliminates condensation on glass door
- Prevention of contamination – HEPA filters on gas lines

LOW TEMPERATURE BATH CIRCULATOR



ITEM CODE: BLS - 33

PRODUCT DETAILS:

We are engaged in the manufacture of premium-quality Low Temperature Bath Circulator. advanced and revolutionary cooling systems to operate in a wide range and to meet all the needs of any modern research lab. The structure is precision-designed for a perfect finish. The instrument boasts of a tough-finish stainless steel chamber and desk. A sturdy mild steel angle frame is present inside to support the exterior. Castor wheel mounting is also present for easy mobility. The exterior is distinctively finished by duo shades. Minimum heat exchange is facilitated due to extremely efficient insulation. The set of cooling kit includes hermetically sealed compressors, condensers, cascades etc. Overload protector, receiver, fan motor etc. are all safely placed below the chamber. The pump assembly is situated at the upper side of the desk of the unit which serves stirring, as well as internal or external circulation.

THE BUILT:

- The structure is perfectly designed for precise construction.
- Tough finished stainless steel chamber and desk.
- Sturdy M.S. Angle frame inside support to exterior with castor wheel mounting for easy mobility.
- Exterior distinctively finished by duo shades.
- Minimum heat exchange by extremely efficient insulation.

CRYOSTAT:

- The sets of cooling kit includes. Hermetically sealed compressors, condenser, cascade. Overload protector, receiver, fan motor etc. are safely placed below the chamber.
- The pump assembly is situated at the upper side of the desk of the unit which serves stirring, as well as internal or external circulation.

PRODUCT DETAILS:

8" x 8" x 10" : 0 °C to 50 °C
8" x 8" x 10" : -20 °C to 50 °C
8" x 8" x 10" : -40 °C to 50 °C
12" x 11" x 12" : 0 °C to 50 °C
12" x 11" x 12" : -20 °C to 50 °C
12" x 11" x 12" : -40 °C to 50 °C

THE WORTH:

- Excellent solid state electronic controller and digital readout.
- Wide range of temperature from 0 °C to +50 °C in different models.
- Exceptional control stability up to ± 1.1 °C.
- Attractively styled and outstanding performance.
- Selection of capacity in chamber and cabinets.
- The cooling system of "BLS" baths are a combination of perfectly designed components highly qualified hands advance technical of the field.

FEATURES:

- Excellent electronic controller
- Accurate digital readout
- Wide temperature range
- Exceptional control stability
- Attractively styled
- Outstanding performance

VISCOSITY BATH



ITEM CODE: BLS - 35

We are engaged in manufacturing high-quality Constant Temperature Bath. They are versatile units designed for immersion requirements or for external circulation in order to maintain constant temperature in spectra-photo meters, refract-meters, perimeters, lasers and jacketed glassware. Its proportional controller rapidly adjusts to load which reduces overshoot or on / off control on choice. It displays temperature in bright LED numerals and platinum resistant sensor. The heavy duty pump-cum-stirring assembly is highly efficient. All the submersible parts are made of stainless steel or brass. A viewing window with chamber illumination by lamp is also present. We also offer viscosity bath. We offer these temperature baths to clients at leading market rates after the approval of quality auditors.

PRODUCT DETAILS:

Bath Chamber L x W x D	Viscous-Meter Accommodate	Temp. Range	Temp. Accuracy	Temp. Indicaton
14" X 7" X 13	2	5 °C Above ambient to 199.9 °C	± 0.05 °C	0.1 °C
19" X 7" X 13"	4	5 °C Above ambient to 199.9 °C	± 0.05 °C	0.1 °C
24" x 7" x 13"	6	5 °C Above ambient to 199.9 °C	± 0.05 °C	0.1 °C
10" x 10" x 13"	2	-20 °C to 99 °C	± 0.05 °C	0.1 °C
10" x 10" x 13"	2	-20 °C to 99 °C	± 0.05 °C	0.1 °C
10" x 10" x 13"	2	-20 °C to 99 °C	± 0.05 °C	0.1 °C

FEATURES:

- Adjustable control settings
- Corrosion-proof exterior
- High efficiency

SALIENT FEATURES:

- Proportional controller rapidly adjusts to load which reduces overshoot or ON / OFF control on choice.
- Displays temperature in bright LED numerals and platinum resistant sensor.
- Heavy duty pump cum stirring assembly all submersible parts are stainless / brass external pump head up to 3 feet.
- Viewing window with chamber illumination by lamp.
- Also available Viscosity Bath.

MUFFLE FURNACE



FEATURES:

- Portable
- Easy to install
- Reasonably priced

SIZE:

4" x 4" x 9"
5" x 5" x 10"
6" x 6" x 12"
9" x 9" x 18"

ITEM CODE: BLS - 36

We are engaged in the manufacture of highly qualitative Muffle Furnace. They are specially designed for multiple uses that include heat treating, ceramic firing, ashing and thermocouple calibration. They are made at our modern manufacturing unit in compliance with industrial norms of quality. They boast of a heavy duty exterior finish in epoxy blue powder coated shade. They have a light weight design and are suitable for being used in high thermal efficient ceramic insulation. They are the ideal choice for being used in high temperature applications. They enable easy selection of temperature controller, energy regulator, solid - state digital controller as well as microprocessor based dual digital indicating controller. The solid-state output fuse removes power to the heaters if the unit exceeds maximum temperature. They are suitable for high temperatures and are equipped with PID based microprocessor controller and sensors. They are reasonably priced and are supplied to clients at leading market rates.

PRODUCT DETAILS:

- Heavy Duty exterior finished in epoxy blue powder coated shade.
- Light weight being use of high thermal efficient ceramic insulation.
- Choice of Model for temperature 1000°C working temp. 960°C or 1200°C working temp. 1160°C
- Selection of temperature controller - energy regulator, solid - state
- Digital controller OR Microprocessor based dual DIGITAL indicating controller.
- Solid - State output fuse removes power to heaters if unit exceeds maximum temperature.
- High temp. up to 1400°C and Working temp. 1300°C with PID based microprocessor controller
- PTPTRH Sensor is also available

VERTICAL AUTOCLAVE



We offer is fully automatic Autoclaves are most useful to sterilize Lab Glassware, Plastic Tubing, Liquid in sealed glass containers, product contact & small critical equipment used in the aseptic formulation & parenteral drugs.

ITEM CODE: BLS - 38

Chamber Size (W x H x D)	Capacity	Power Rating Volt	Shelves
12" X 20"	35 Ltrs.	2.0 KW 230 Volt	1
14" X 22"	53 Ltrs.	3.0 KW 230 Volt	1
18" X 24"	110 Ltrs.	3.5 KW 230 Volt	1
18" X 28"	113 Ltrs.	4.0 KW 230 Volt	2
22" X 30"	180 Ltrs.	4.5 KW 230 Volt	2

SPECIFICATIONS:

- Double walled inner made of heavy gauge 304 Stainless steel & Exterior also 304 S.S. matt finish.
- Equipped with pressure gauge, two safety valves, manual exhaust valve and vacuum breaker.
- Regular DIGITAL controller or multi program PID controller having printer output.
- Available with trays, Rack and trolley.
- High grade insulation between the chamber.
- Selection of both side door opening or single door.
- Door will not open unless pressure gets released.

OIL BATH RECTANGULAR



ITEM CODE: BLS - 23

The Oil Bath Rectangular we manufacture ensures no burn out of the heater due to lack of water along with a state of art PID controller with timer that provides a fully automatic control over the process. These are featured with the following attribute:

SELECTION OF G.M.P. MODEL:

- A clear bottom
- A uniquely designed bath
- A floating overshoot alarm
- An absolute over - temperature alarm with auto cut off

PRODUCT SPECIFICATION:
 SIZE

12"x12"x7" With Stirrer
16"x16"x7" With Stirrer
12"x12"x7" With Pump
16"x16"x7" With Pump

THE OIL BATHS ARE FEATURED WITH THE FOLLOWING:

- Ideal instrument for laboratories
 - Hydraulic thermostat control
 - Temperature range up to 300 °C
 - Heater on indicator
 - 230 VAC single phase
- The above features results reproducible because full cycle is automatic, requiring no human interference.

BUNSEN BURNER



ITEM CODE: BLS - 42

We are the prominent company offering Electric Bunsen Burner to the clients. Offered range is widely used in various laboratories for boiling chemicals and added reactants. To check different constraints such as heat, shock resistance, and performance, all these Electric Bunsens pass through a rigorous quality test that is

PRODUCT DESCRIPTION:

SPECIFICATIONS:

- Electric Bunsen Burner, apparatus consists of heating element
- It is in conically shaped refractory crucible
- It is enclosed in an insulated S.S. casing
- Casing is mounted on top of S.S. Cylindrical housing
- Maximum working temp. 700°C. approximately Temp. controlled by energy regulator.

To work at 230 Volts AC Only

SINGLE WALL ELECTRIC WATER BATH



ITEM CODE: BLS - 02

Single Wall Electric Water Bath is offered by us at market leading prices, as we are a domain oriented exporter, supplier and manufacturer of the market. The product is available in 300 x 250 x 100 mm (6 holes of 75 mm dia) 8 ltrs. and 355 x 405 x 100 mm (12 holes of 75 mm dia) 15 ltrs. Sizes. The body of the Water Bath (Single Wall Electric) is made of stainless steel sheet.

SIZES AVAILABLE:

- 14" x 10" x 04" 6 holes
- 16" x 12" x 04" 12 holes

FEATURES:

Power Supply -220/230 Volts A.C. 50

TUBE FURNACE



ITEM CODE: BLS -37

TECHNICAL DETAILS:

EQUIPMENTS NAME	Tubular Furnace 1200 °C
WORKING TEMPERATURE	Maximum furnace Working Temperature 1100 °C ± 2 °C.
HEATING ZONE SIZE	250 mm Heating zone and Tube diameter ID is 105 mm
TOTAL HEIGHT	250 mm
TOTAL OD	300 mm
TEMPERATURE CONTROLLER	Microprocessor Based 64 Stages Proportional PID Temp. controller cum Indicator and one safety
USING HEATING ELEMENTS	Kanthal Heating Elements to create uniform heating zone
POWER DRIVE	S.C.R power pack for noise less operation and smooth operation
POWER SUPPLY	230 VAC 1ph
CAPACITY	3.5 KW approximately
PANEL ACCESSORIES	Best quality spares to fulfill the control action smooth & accurate
INSULATION	First lair of High temperature ceramic wool 1450 °C
STRUCTURE	Strong Mild steel body with powder coated paint
THERMOCOUPLE	K type thermocouple in MI pipe.

HUMIDITY CONTROL OVEN



SIZE:

18" x 18" x 18" : 3 CFT
20" x 20" x 28" : 6 CFT
20" x 22" x 34" : 8 CFT
24" x 22" x 36" : 10 CFT
24" x 24" x 36" : 12 CFT

ITEM CODE: BLS -29

PRODUCT DETAILS:

- Most accurate and reliable chamber for long term high temp. & RH testing
- Creating ideal conditions for industrial component research and bio technical specification test
- Chamber have stainless steel Interior and the exterior construction of G. I. having powder coated finish
- A position vertical air circulation ensures temperature and RH uniformity
- Digitally set, temperature and humidity controller, with direct digital read out in temperature and percentage RH
- The insulated door having inner S. S. Lining consist double glass window for visual of samples without loss of condition.
- Temperature range 50% RH to 95% RH. A water vapor generator injects water vapor Into circulation to control chamber humidification
- A water level indicator prompt for water supply to reservoir

SELECTION OF G.M.P. MODEL:

Inner SS 316 with mirror polish. Outer SS 304 with Matt finish.
Control Selection of RID. Microprocessor base controller with RS 485 communication or RS 232 communication.

OUR CLIENT'S



SUN
PHARMA

TANDALJA - BARODA



ANKLESHWAR



HETERO

HYDERABAD



ALKEM

BADDI



BARODA



ANKLESHWAR / AHMEDABAD



INTAS PHARMACEUTICALS LTD.

AHMEDABAD



BARODA



HYDERABAD



BARODA



glenmark

ANKLESHWAR



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

HYDERABAD



SAMIKSHA



Industrial Corporation (Mumbai)

Mfrs of : Laboratory Instruments & Engg. Works

REGISTERED OFFICE ADDRESS



B- 407, Raj Tower, Anand Nagar, Majaswadi, Jogeshwari (East),
Mumbai-400 060, Maharashtra, India

FACTORY ADDRESS



Gala No. 162, Ghass Compound, Opposite Veena Dalwai, Near
Ajit Glass, S. V. Raod, Jogeshwari (West), Mumbai-400 102.,
Maharashtra, India



022-6512 8106



+9198922 16587



samiksha_1972@yahoo.in



www.samikshaindustrialcorporation.com