



WATER BATH AND DISTILLATIONS

**A reliable name for scientific equipment for Industrial,
Laboratory, Research, Medical and Educational Establishments.**



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ANALOG TYPE OIL BATH

These oil baths can be availed with added accessories such as GMP model, and digital indicator and controller for constant temperature. Further, it is provided with a heavy duty motor that makes its operation swift and easy.

About:

Features:

- Long working life.
- Excellent strength.
- Corrosion resistance.



Key Features

Of Analog Type Oil Bath



Double walled: inner S.S. And outer made of M.S. Powder coated and consists of welded inner tank made of stainless steel 304.

Immersion type heater.

Temperature controlled by thermostat.

Options: GMP model, and digital indicator and controller for constant temperature.

Rectangular model with oil circulating motor.

These oil baths can be availed with added accessories such as GMP model, and digital indicator and controller for constant temperature.

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Digital Type Oil Bath

Digital Type Oil Bath is double walled with inside make up of S.S. and outside of m.s. sheet duly enamel painted. The gap between the two walls is fitted with high grade glass wool to minimize thermal loss. Temperature range from 50°C to $250^{\circ}\text{C} \pm 2^{\circ}\text{C}$ is controlled by “EGO”/ JUMO” GERMAN hydraulic capillary type thermostat. Or digital temperature PID controller.

About:

These oil baths can be availed with added accessories such as GMP model, and digital indicator and controller for constant temperature. Further, it is provided with a heavy duty motor that makes its operation swift and easy.



Key Features

Of Digital Type Oil Bath



Microprocessor Based PID Digital Temperature Indicator-cum-Controller maintains maximum temperature accuracy.

User's Self-compensation function to control difference between real temperature and indicated temperature.

Stainless Steel Bath for superior Durability & High Thermal efficiency.

Flat Stainless Steel Lid keeps temperature constant.

Over temperature & Over current protection.

Industrial grade energy efficient heaters reduce power bills drastically.

Double walled construction.


Space between the walls is fitted with special grade ceramic fibre in order to avoid thermal losses.

MOC (Inner) : Inner bath chamber and lid made of Stainless Steel (SS-304 grade).

MOC (Outer) : Outer chamber is made of Mild Steel duly powder coated
To work on 220/230V AC supply.

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CIRCULATORY WATER BATH

Reach and maintain desired water temperatures needed for the cooling or heating of samples and reagents both efficiently and reliably through the use of constantly circulating water.

Product description:

- Double wall construction, inner made out of stainless steel sheet and outer made of mild steel sheet duly finished in stoving enamel paint or powder coated.
- Transparent glass window provided on opposite sides. Glass size can be customized according to user.
- A high speed regulated stirrer provided. Temperature control is attained by a mercury contact thermometer or digital temperature controller with a temperature range ambient to 100 degree centigrade ± 1 degree centigrade.
- To work on 220 v ac. Automatic low water level cut off device.



Key Features

Of Circulatory Water Bath



Brand Name : Lab Solution India

Material Type : Inner: Stainless steel sheet,
Outer: mild steel sheet

Capacity : 18 Ltrs.

Temperature Range : Ambient To 100 C +_1 C

Contains : With stirrer & glass wall

Temperature Control: LCD based PID temperature controller
with low water level cut off device

Heating: Through "L" shaped immersion type heaters

Finish Type : Duly finished in stoving enamel paint or powder
coated

Voltage : 220 V AC

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CONSTANT TEMPERATURE WATER BATH

Constant Temperature Water Bath find application in carrying out day to day bacteriological and laboratory applications that need incubation and general tests as well as procedures in variety of testing as well as research laboratories. Further, these are also used in areas of enzyme reaction studies, fermentation analysis and tissue culture application. We manufacture and export rectangular Constant Temperature Water Baths, also known as double walled construction. Its inner chamber is made of stainless steel and outer body made of mild steel duly powder coated. Temperature range 5°C above ambient to 99°C. Fitted with immersion type heater, digital temp. Controller cum indicator accuracy 1.5°C. Operating on 230V AC. Fitted with circular pump with stirrer.

About:

- Double walled construction inner made of St. steel and exterior made of fully St. Steel.
- The gap between the two walls filled with glasswool insulation.
- Heating is by immersion type heater.
- Temperature controlled by microprocessor based auto tune PID controller with Pt100 as sensor.
- A circulatory pump with motor is mounted on a base and fitted on the side of the bath for uniformity.
- Heating mechanism comprising set of heaters with sensitivity.
- Temperature Accuracy $\pm 0.1^{\circ}\text{C}$.



Specification :

Of Constant Temperature Water Bath



Type of Product	Constant Temperature Water Bath
Shape	Rectangular
Rating (W)	1.5 KW
Temperature	5°C Above Ambient to 95°C
Accuracy in (°C)	+/-0.5°C
Size	12 x 10 x 8 Inch
Voltage	230V
Material	Stainless Steel

STANDARD SIZES AVAILABLE:

S.No.	SIZE IN INCHES	RATING WATTS (1200°C)
1	12" x 10" x 8"	1.5
2	18" x 12" x 10"	2
3	18" x 14" x 12"	2.5

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Digital Serological Water Bath

Serological Water Bath offered by us find wide application in day to day bacteriological and varied laboratory applications that require incubation and general tests/procedures including Wassermann, Kilmer tests to be carried out in researches and testing laboratories. These come with calibrated finish with protocol documentation and deliver versatile usage, thus providing for longer service life of this instrument.

About:

- Double walled filled with high grade glass wool insulation between the walls
- Exterior of M.S giddily finished in epoxy power coated shade in regular model.
- Controller or microprocessor based PID controller
- GMP model having inner 304 and exterior 304 S.S matt finish.
- Selection of regular and GMP model.
- Long lasting u type water heater.
- Temperature range: 5c above ambient to 70c.
- Operators on 230 volts.



Key Features

Of Digital Serological water Bath



Shape	Rectangular
Temperature Range	Ambient to 99 Deg Celcuis
Inner Size (LxWxD)	300 x 250 x 175mm
No. Of Racks To Hold	2
Capacity	14 Ltrs
Heating Load	1.5 KW
Temperature Controller	Ambient +50c - 970c $\pm 0.50c$.
Temperature Range	Microprocessor Based PID Digital Temperature Indicator-Cum-Controller
Insulation	Mineral Wool
Diffuser Shelf	Perforated Cover Of Stainless Steel.
Electrical Supply	220/230V AC

STANDARD SIZES AVAILABLE:

Inner Size (LxWxD)	300 x 250 x 175mm 330 x 300 x 175mm 605 x 300 x 175mm
No. Of Racks To Hold	2, 4, 6, 8
Capacity ¹	4 Ltrs, 18 Ltrs, 25 Ltrs, 32 Ltrs
Heating Load ¹ .	5 KW, 2.0 KW, 4.0 KW

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CRYOPRECIPITATE BATH

Cryoprecipitate Bath is designed to safely and reliably thaw fresh frozen plasma (FFP) for the recovery of cryoprecipitated antihemophilic factor. It is very easy to operate bath and thawing temperature is preset at +4 °C. and maintained with ± 0.2 °C. Stability. • Exterior powder coated galvanized steel (1 mm.) cabinet and interior 304 grade stainless steel (0.7mm) cabinet. • Door locking system for unauthorized access. • Casters for easy mobility with breaks in front. • CFC-Free foamed in place (PUF) insulation confirms to the most rigid international standard. • Illuminated operated power ON/OFF switch. • Microprocessor based CE certified temperature controller preset at 4 °C

01 > 02 > 03 > 04

Temperature range from 4°C to 100°C with micro controller based temperature controller includes digital temperature display of set value and process value is also available .

Most precise temperature control within ± 0.1 °C with a powerful pump for uniform circulation.

Over temperature cut off, supply to heater switched off, in case of over temperature, low water alarm etc. for product protection.

Unique drain valve with a tube for easy cleaning and maintenance. All parts coming in contact with water are of high-quality stainless steel.



Specification Of Cryoprecipitate Bath



Capacity	40 litres
Temperature	4 Degree C to 37 Degree C
Dimension	L440 x W385 x H250 mm
Thawing capacity	To hold 6 FFP bags
Drain	Automatic, special type, with valve and tube
Pump	Circulation Pump
Trays Material	Acrylic
Material	Stainless Steel
Alarm System	Audio -Visual Alarm System
Control	By PID for precise temperature control
Finish	Color Coated
Voltage	230 V
Phase	Single Phase

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PLASMA THAWING BATH (DIGITAL MODEL)

The device supports the state-of-the-art technology for increasing the accuracy of blood collection and related procedures performed by healthcare professionals. Some of the salient features of FDA Approved Plasma Thawing Bath are Support stainless steel construction with interior chamber featuring 304 and 0.8mm thickness of corrosion resistant stainless steel.

About:

Plasma Bags	4	20
Capacity (litres)	16	5
Inner chamber	Stainless steel 316	
Outer chamber	Mild steel epoxy coated	
Temperature (°C)	37	
Accuracy (°C)	±0.5	
Display	LED	
Alarm	Motion Failure Alarm	
Voltage	230VAC 150Hz	



Key Features

Of Plasma Thawing Bath (Digital Model)



Low and high water alarms

Removable acrylic trays for keeping plasma bags

Micro processor based temperature control with unmatched reliability and accuracy

No direct contact with water

Maintains constant temperature of 37° C

Rapid thawing and warming with maximum thaw time is 25 minutes

Sturdy construction supporting continuous operation

Supported with power backup supply in case of electrical failure

Leak detection, overheat and auto shut off alarms

Certified with UL and CSA standards

Digital display of set and process value

Rounded corners for uniform water circulation with better efficiency

Gentle and safe heating conditions for blood thawing

Easy to clean construction

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Rectangular Water Bath

6 Holes (Digital Model)

The electrically operated Rectangular Water Bath are made of thick stainless steel and feature constant water levels maintained inside them. For optimum performance, these also come complete with concentric rings having 75 mm dia, wire plugs and with suitable drainage facility. The bath machine also comprises thermostatic controller that allows better control of temperature levels with removable glass tray and stainless steel platform for drying of sections. Some of the applications these are used in include for sterilizing purposes. These water baths also come fitted with heating element for uniform heating throughout the system and finds usage in areas like medical institutions, research laboratories, agricultural institutions, bio-chemical industries as well as in many other industries.

Product Description

The general purpose digital Rectangular Water Bath has a temperature regulated sensor and is essential for

- Drying,
- Condensing
- Distilling
- Soaking chemical Agents
- Drug
- Biological Products Extensively.

It can also be used for heating and other temperature related experiments.



Specification

Of Rectangular Water Bath 6 Holes (Digital Model)



Voltage	220 / 230 V
Temperature Range	Ambient to 100 Deg C
Capacity	6 holes
Heating Power	1000 W
Temperature Accuracy	+/- 1 Deg C
Inner Wall	Stainless steel 304 grade
Outer Wall	Mild Steel
Top	Stainless Steel
Insulated By	Glass wool to avoid thermal loss
Depth of Wells	4.7 inches
Temperature Control	By Thermostat
Minimum Order Quantity	1

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RECTANGULAR WATER BATH

12 Holes (Digital Model)

The electrically operated Rectangular Water Bath are made of thick stainless steel and feature constant water levels maintained inside them. For optimum performance, these also come complete with concentric rings having 75 mm dia, wire plugs and with suitable drainage facility. The bath machine also comprises thermostatic controller that allows better control of temperature levels with removable glass tray and stainless steel platform for drying of sections. Some of the applications these are used in include for sterilizing purposes. These water baths also come fitted with heating element for uniform heating throughout the system and finds usage in areas like medical institutions, research laboratories, agricultural institutions, bio-chemical industries as well as in many other industries.

Product Description

The general purpose digital Rectangular Water Bath has a temperature regulated sensor and is essential for

- Drying,
- Condensing
- Distilling
- Soaking chemical Agents
- Drug
- Biological Products Extensively.

It can also be used for heating and other temperature related experiments.



Specification

Of Rectangular Water Bath 12 Holes (Digital Model)



Voltage	220 / 230 V
Temperature Range	Ambient to 100 Deg C
Capacity	12 holes
Heating Power	1000 W
Temperature Accuracy	+/- 1 Deg C
Inner Wall	Stainless steel 304 grade
Outer Wall	Mild Steel
Top	Stainless Steel
Insulated By	Glass wool to avoid thermal loss
Depth of Wells	4.7 inches
Temperature Control	By Thermostat
Minimum Order Quantity	1

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CURING TANK

The strength of concrete is generally estimated after 28 days by crushing field test cubes or cylinders made from the representative concrete used for the structure. The utility of ascertaining strength after 28 days is often questioned since by this time considerable concrete would have been placed and work may have progressed.

About

It is then rather too late for remedial measures. It is therefore of tremendous advantage to predict 28 days strength within a few hours of casting the concrete so that, we have a good idea about the strength of the concrete.

Tank will consist of a rectangular double walled metal cabinet, inside lined with stainless steel, outer powder coated. Easily replaceable high Wattage heaters are mounted inside the chamber.



Key Features Of Curing Tank



Accelerated Curing Tank having capacity to accommodate Concrete Cubes of 150mm size with a facility for accelerated curing by Boiling water method up to temperature range : 100 +/- 2 deg.C . Also it will have capacity for curing by warm water method at temperature 55 +/- 2 deg.C .

Tank will consist of a rectangular double walled metal cabinet, inside lined with stainless steel, outer powder coated.

Easily replaceable high Wattage heaters are mounted inside the chamber.

A slow speed stirrer is provided to circulate water inside the chamber to maintain the uniform temperature of water.

A strong stainless steel perforated platform is provided for keeping the cubes and also have a lid with lifting handle to cover the chamber.

The temperature is indicated and controlled by a DIGITAL auto tuning PID Temp. Controller with timer to control the duration of heating and then to shut down the system without manual attendance.

The front panel will have power supply indicating lamp, control action indication lamp and one main switch.

Suitable for operation on 220 V, 50 Hz single phase, AC supply

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Refrigerated Water Bath

Low Refrigerated Circulators for heating and cooling. The units are suitable for external temperature applications with simultaneous operation in the bath tank.

About:

- The units provide particularly high heating and cooling capacities for rapid heat-up and cool-down times even for large volume, external systems. With handle or castors to allow easy transport.
- With drain port for conveniently draining the bath fluid. The units offer an improved insulation to prevent ice-formation and have a filling level display.



Key Features

Of Refrigerated Water Bath



Construction	Inner SS and outer MS powder coated
Temperature range	0°-90°
Accuracy	5 degrees
Sensor	PT 100
Heaters	'L' type immersion heater
Cooling	Through hermetically sealed compressor
Refrigerant	R-134A
Water Circulation	Through pump
Power	220 volts AC

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UNIVERSAL WATER BATH

Universal Water Bath feature double walled construction with outer chambers designed using duly powder coated mild steel finish as well as inner bath chamber and lids design -ed using superior grade stainless steel so as to provide for optimum functional support in involved procedures. The filling of spaces between walls using mineral wool support also helps in avoiding thermal losses. Further, the presence of temperature controls delivering accuracy of $\pm 0.5^{\circ}\text{C}$ as well as system's availability with 6 holes/ 12 holes of 75mm concentric rings also makes these suitable for diverse lab procedures.

Key Features :

- Displays actual and set point temperature simultaneously.
- Integrated timer.
- Reservoir sizes from 2 to 28 liters.
- Reservoir made of 304 Stainless Steel.
- Reservoir drain (10 liter and larger baths).
- Primary and automatic safety thermostats.
- Also compatible with waterless bath beads.



Specification Of Universal Water Bath



Capacity	10 Litre
Material	SS
Voltage	230 V
Temperature Range °C	Ambient +5° to 100°
Phase	Single Phase

STANDARD SIZES AVAILABLE

Size Inside (SS)	300 x 225 x 175mm	450 x 300 x 175mm
Size In Inches	12 x 9 x 7	18x 12 x 7
Capacity in Liters	14 Liters	25 Liters

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TISSUE Floataction Bath (Digital Model)

This round bath unit has a temperature range from 86 to 158°F (30 to 70°C). Adjust temperature easily by simply turning the analog dial. The convenient edge serves as drying surface for processed slides. The black anodized bath surface reduces eye strain by cutting down on glare while improving visibility of tissue sections. Exterior is white powder-coated aluminum, making it easy to keep clean. Safety features include an amber neon light alerting you when heater is on, as well as automatic shut-off.

Salient Features

Tissue flotation bath is required after the step of cutting paraffin sections and before these are placed on slides.

It lets tissues relax and smoothen before being mounted on slide as well as makes paraffin stick to the slide.

This ensures removal of wrinkles and folds before sections are placed on the slide.



Specifications

Of Tissue Flootation Bath (Digital Model)



Max Temperature	70° C
Min Temperature	30° C
Power (VAC)	220
Power (Hz)	50/60

Description:

Tissue float bath; 220VAC, 50/60Hz

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WATER BATH WITH MAGNETIC STIRRER

Use baths and stirrers separately or together. Bath components incorporate durable 304 SS inner construction with heating element. Heavy gauge powder coated mild steel sheet bath exterior. Over-current protection fuse and empty-boiling preventative safety devices.

About

- Stirrers feature a powerful rare earth magnet with smooth speed control to a maximum speed of 1200 rpm. Easy-to-clean design.
- Combine baths and magnetic stirrers for excellent temperature uniformity and stirring action.
- Typical applications include protein digestion and polymer research.



Key Features

Of Water Bath With Magnetic Stirrer



Bath and stirrer can be used individually or together
Used as water bath, stirrer heat or heat evaporator
according to different applications.

Working temperature: Ambient+5-95°C

Temperature stability $\pm 0.5^{\circ}\text{C}$ at 37°C

PID based temperature controller

Stirring range: Maximum 1200 RPM

Bath Volume: upto 5 liters

Fitted with low water level cut off device

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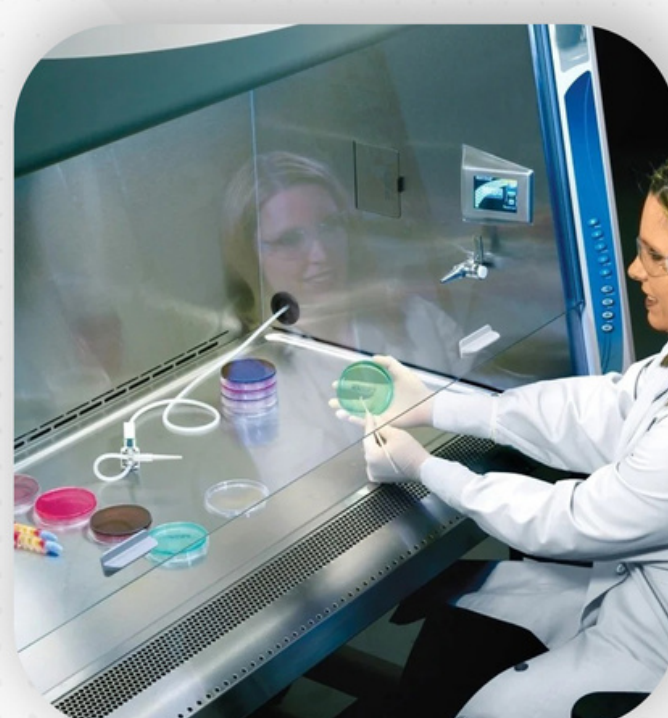




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