

SINCE 1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION FOR LAB INSTRUMENTS

CONSTANT TEMPERATURE BATH

INTRODUCTION:

HOLYSCIENTIFIC is one of the leading science equipment manufacturer & exporter of science equipments, science instruments, lab equipments, lab instruments, testing equipments, testing instruments, like Digital bio-safety cabinet, vertical & horizontal laminar air flow cooling & heating instruments like ultra low temperature deep freezers, BOD incubators, hot air oven, muffle furnace, microscope, fume hood environmental test chamber, water distillation plant, SDI kit, ocean grapy meter, water testing kit, PH meter, soil samplers & all types of laboratory & science instruments.

This laboratory & scientific instruments used for laboratory sterilization, clean room, microbiology, pathology, bio technology, pharmaceuticals, seed & soil testing, metallurgical, food processing, customized instruments



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WITH FAST SERVICE

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HOLY SCIENTIFIC

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CONSTANT TEMPERATURE BATH



CONSTANT TEMPERATURE BATH

SCOPE:

Digital constant temperature circulating water bath is widely used in distillation, drying, concentration and temperature and stain chemicals or biological products. This thermostatic bath is developed for samples/solution to reach up an homogeneous temperature for being valid for general purpose like incubation process enzymatic reaction, fermentation, cultures & all in all laboratories. In order to obtain better functioning.

CONSTRUCTION:

Water bath rectangular is suitable for evaporating liquids like alcohol or for melting solids such as agar. Concentric rings can be removed to accommodate containers of various sizes. Double walled chamber made of stainless steel and outer wall made of thick mild steel finished with powder coating or stainless steel.

The product use imported stainless steel plate, cold rolled steel and other high-quality materials, and by electroplating polishing, paint and other craft elaborate. RASAYAN constant temperature circulating water bath have thermal isolation between the chamber & external cases. Thus permitting better performance as well as energy saving & a better temperature homogenization. Temperature part of the use of electronic temperature control, temperature display directly display the actual temperature of the pot, with strong corrosion resistance, compact structure, handsome in appearance, economical and practical, energy saving, easy maintenance and long service life.

- Reliable
- Versatile usage.
- Micro-processor based controllers
- Aesthetically designed
- Energy efficient
- CFC frees cooling (in refrigerated model.)

USEFUL FOR BIOMEDICAL, PATHOLOGY, MICROBIOLOGY, PHARMACEUTICALS, FOOD PROCESSING ETC.

CONSTANT TEMPERATURE BATH



REFRIGERATED MODEL

- Precise control of environmental parameters
- Corrosion resistant interior & exteriors
- Sturdy construction
- Low maintenance.

This water bath comes with digital temperature selection from room temperature $\pm 5^{\circ}\text{C}$ up to 150°C include high precision sensor of $\pm 1^{\circ}\text{C}$ accuracy & scale division of $\pm 1^{\circ}\text{C}$

Supplied complete with two indicator lamps, concentric rings, ON/OFF Switch, Cord & Plug but without thermometer. Suitable to operate on 220V, 1ph, 50 Hz, AC supply.

- 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 with Concentric rings prevents evaporation.
- An industrial grade energy efficient heater reduces power bills drastically.
- Double walled construction.
- Space between the water bath rectangular Double Walled is fitted with special grade mineral wool in order to avoid thermal losses.
- Drain plug is also fitted to the unit for user convenience.
- The unit can be supplied with or without stirring arrangement.
- The stirring arrangement consists of a ISI marked motor with SS stirring shaft.
- Inner chamber: Inner bath chamber and lid made of Stainless Steel (SS-304 grade)
- Outer chamber: Outer chamber is made of Mild Steel duly powder coated.
- Unit can supplied with or without refrigeration system for below ambient temperature. (Optional)
- ISI marked pump for outer circulation. (Optional.)
- Highly efficient refrigeration system for achieve below ambient temperature. (Optional)
- PLC based controlling. (Optional.)

BETTER TECHNOLOGY & BEST QUALITY WITH QUICK SERVICE

CONSTANT TEMPERATURE BATH

RASAYAN

- **Temperature Range:** From ambient to 140°C (for below ambient refrigerated model are also available)
- **Temperature Controller:** Microprocessor Based PID Digital Temperature Indicator-cum-Controller
- **Temperature Accuracy:** $\pm 0.5^{\circ}\text{C}$
- **Temperature Sensor:** RTD (Pt-100)
- **Temperature Display:** With Digital LED Display for Set Value (SV) & Process Value (PV)
- **Diffuser Shelf:** Heater protective perforated cover made of stainless Steel. Regulator Solid state electronic relay with protective heat sink.
- **pump for internal or external circulation**
- **Two Glass Beaker can be hold to use with Viscometer**

Images shown in the catalog is for reference only due to the continue up gradation original unit may be differ from it. RASAYAN reserve all the rights to change the specification & feature without any notice

MFG.BY

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