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LABORATORY CHAMICALS

VISCOMETRIC 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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VISCOMETRIC BATH

VISCOMETRIC BATH

SCOPE:

RASAYAN Viscosity Bath for **internal and external** temperature applications. RASAYAN Viscosity Baths are used for precise temperature applications with capillary viscometers and density meters within the bath tank. The units offer high temperature accuracy and optimal temperature distribution throughout the bath. An integral cooling coil for cooling water is provided for temperature applications below or near ambient temperatures (optional). The units are equipped with a holder for thermometers and therefore offer very good options for temperature calibration procedures and comparisons with accredited thermometers.

CONSTRUCTION:

RASAYAN viscosity bath has inner chamber made of heavy gauge S.S 304 & outer camber made of powder coated heavy gauge CRC sheet. (GMP model also available) Glass window for easy viewing to the viscometer placed inside bath. Microprocessor based PID controller with Dual digital displays for showing set point and actual bath temperature. Controller has facility for Select temperature scale - Fahrenheit or Celsius. RASAYAN viscosity bath series with advanced temperature control circuitry determinations. Microprocessor PID circuitry assures precise, reliable temperature control within ASTM specified tolerances throughout the operating range of the bath.



- Reliable
- Versatile usage.
- MICRO-PROCESSOR BASED CONTROLLERS
- Aesthetically designed
- Energy efficient
- CFC FREE COOLING

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



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

Simple push-button controls and dual digital displays permit easy setting and monitoring of bath temperature. Two place calibration offset capability is provided. Baths accommodate seven glass capillary viscometers of various types. Viewing the viscometers is made easy by glare-free fluorescent illumination inside the bath and a baffle that provides a background for easy viewing.(optional) Temperature control uniformity is assured by means of motorized stirrer cum circulating pump which provides complete circulation without turbulence. Connection of the built-in cooling coil to tap water or a re-circulating water chiller facilitates temperature control at ambient or below ambient temperatures.

Bath Construction and Safety Features:

Bath chamber is a clear Pyrex vessel enclosed in a polyester-epoxy finished steel housing. Top working surface has seven 2" (51mm) viscometer ports (port as per users requirement.) Front viewing window assures safe, distortion-free viewing. Microprocessor based PID temperature controller.

Features:

- LED 7 segments dual DISPLAY, resolution 0.1 °C
- Keypad for set points, warning/safety values and menu functions.
- PID temperature controller for accurate temperature controlling.
- Pt100 External sensor connection for measurement and control
- In built Circulating pump for uniform temperature.
- ISI marked stirrer & circulating pump.
- ISI marked indicators & switches.

BETTER TECHNOLOGY & BEST QUALITY WITH QUICK SERVICE

Kinematic Viscosity Test Equipment

Constant temperature baths for the full range of viscosity applications, from low temperature to high temperature

Calibrated glass capillary kinematic viscometers

Viscosity standards

Viscometer cleaning and drying apparatus

Kinematic viscosity thermometers

Optional:

PPI PID based programmable controller with original sensor Temperature Accuracy: $< 0.5\text{ }^{\circ}\text{C}$: -Rate: 5800/- nett extra

Stirrer or pump for internal or external circulation.

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

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