

SINCE 1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION OF LAB INSTRUMENTS



BETTER TECHNOLOGY & BEST QUALITY
WITH FAST SERVICE

LAB INSTRUMENTS

SCIENTIFIC INSTRUMENTS

LAB EQUIPMENTS

SCIENTIFIC EQUIPMENTS

TESTING KITS

SCIENTIFIC KITS

LABORATORY GLASS WARES

LABORATORY PLASTICWARES

LABORATORY CHAMICALS

STABILITY CHAMBER

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

HOLY SCIENTIFIC

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STABILITY CHAMBER



STABILITY CHAMBER

SCOPE:-

We are leading manufacturer & exporter sturdily constructed array of stability chamber which is manufactured using latest technology & excellent quality materials sourced from dependable suppliers of the market. To ensure high functionality & optimum efficiency, our technicians fabricate the entire range of stability chambers under the supervisions of strength quality controllers. Our stability chambers compact in size, resistant to corrosion & high temperature & have a longer service life.

CONSTRUCTION:-

RASAYAN Stability chamber has double wall construction. Inner chamber made of thick highly polished stainless steel 304 sheets with self support for wide range of shelf spacing. Supplied with three perforated shelves. (As per model) Exterior made of thick mild steel sheet duly finished in enamel paint or pastel mat finish colour combination. Outer double wall door is provided with magnetic gasket (or compressed gasket) and lock & key arrangement (as per model). Inner door made of clear acrylic sheet or glass allowing inspection of material in the chamber without disturbing the chamber temperature. Door operated inner illumination has been provided. The gap between walls of equipment are filled high grade CFC with PUF (poly urethane form) which insures maximum thermal efficiency as well as reduce power consumption in our Stability chamber. Air circulation fan or blower provided to make air circulation throughout the chamber. The temperature can be regulated within the range by means high precision double action controller. Castor wheel for easy movement. Fins type S.S tubular heater for stabilized accurate process temperature. A control panel is provided with various indicators lick ON/OFF switch cord plug, Heater indication lamp, etc.

- ACCURATE HUMIDITY CONTROL
- VERSATILE USEAGE.
- MICRO-PROCESSOR BASED CONTROLLERS
- AESTHETICALLY DESIGNED
- ENERGY EFFICIENT
- CFC FREE COOLING

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



BETTER TECHNOLOGY & BEST QUALITY WITH QUICK SERVICE

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

ELECTRONIC CONTROLLING FEATURE:-

- Independent Displays for Temperature & %RH
- Input Versions : 'Dry Bulb / Wet Bulb' or Temperature / RH Transmitters
- Facility to View & Store Min / Max Process Values
- Optional Two Programmable Alarm Outputs
- Optional Serial Communication Port
- Optional PLC based controlling with touch screen.

Technical features

- 25⁰C – 60 % RH/40⁰C – 75% RH/30⁰C – 65%RH / 25⁰ C- 40 % RH/ 40⁰C – 25% RH/ 30⁰C –35% RH.
- Humidity range: 25% to 95 % RH. Accuracy / Uniformity+ 2% RH+3%RH
- Temperature / humidity display: Digital LED 3 1/2digit
- Control: - microprocessor based PID controller with auto tune.
- Resolution: - 0.10C/ 1 % RH
- Temperature sensor: - PT100
- RH sensor: - Direct capacitance type.
- Heating: 'U' shaped S.S fins type air heater
- Cooling: highly efficient compressor utilizing eco friendly CFC free refrigerant, with air cooled condenser, motor & relay.
- Steam injection: - boiler with reservoir made of thick S.S, with heater, water inlet control, low water level safeguard.
- Air circulation: - flange motor with impeller/ blower or axial fan as per model
- Construction: - Double wall, with insulation, outer door key lockable, inner glass viewing door
- Chamber illumination: - fluorescent light with automatic door switch

STD Model

- outer cabinet mild steel powder coated.
- Inner chamber SS 304 grade

GMP Model

- Outer cabinet SS 304 grade dull matt finish.
- Inner chamber SS mirror finish

BETTER TECHNOLOGY & BEST QUALITY WITH QUICK SERVICE

TECHNICAL SPECIFICATION:

Our units are provided with door operated illumination system comprising of fluorescent lights. Front panel of our units comprises of on/off switches heating, cooling and mains indicator lamps, temperature controllers and voltmeters.

OPTIONAL

Universal data logger 25,200/- extra

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

Timer with for U.V. & florescent inter logging 7,000/-extra

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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