

SINCE 1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION FOR 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

HUMIDITY 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

C-2 (6) plot no.: 67 /3 GIDC estate, phase – 1 Vatva, Ahmedabad
Gujarat-382445
Contact us: +91(079) 40085092/ 93/ 94 mobile: - +91-09427000891
Fax: 25834006
www.holyscientific.com

HUMIDITY CHAMBER



HUMIDITY CHAMBER

SCOPE:

Temperature and humidity control cabinets are conceptualized and designed to create test chambers to study and contemplate the effects of different environmental parameters such as humidity, temperature applications tests involving micro-organisms, plants, tissues, electronic components etc apart from various customized industrial and research applications. Our temperature and humidity control cabinet have a variety of usage in R and D laboratories, research studies and product testing facilities across the globe. Apart from that, these temperature and humidity control cabinet have a variety of usages in tissue culture applications, enzyme reaction studies, growth observation studies, fermentation analysis and various other general and specialized applications in various laboratories.

CONSTRUCTION:

RASAYAN temperature and humidity control cabinet are double walled convection heated and cooled units. Outer body of our temperature and humidity control cabinet s is constructed out of thick MS sheet duly pre-treated with primers powder coated.

The inner chamber is made of heavy gauge stainless steel sheet of SS-304 grade . The gap between the walls is filled high grade mineral glass wool, which ensures maximum thermal efficiency in our walk in incubators.

- 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.

The unit is provided with two doors, the inner door is made of thick plexi glass/float glass, to view the specimens/culture media/stocks, without disturbing the temperature of the chamber. This door is provided with magnetic door closer. The outer door is made of mild steel sheet lined with stainless steel from inside. This door is provided with lock and key arrangement. The unit is mounted on a sturdy steel frame. The unit is provided with various customized shelves in various permutations and combinations to suit individual requirements.

Air Circulation Fan provided to make air circulation throughout the chamber for uniform temperature.

Heating / Cooling / Humidity:

Indirect heating system is provided in our units, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage. –

Cooling:

An energy efficient cooling unit is installed in our temperature and humidity control cabinets to enable bio chemical demand, cyclic and growth studies at lower room temperatures. We use ISI marked high end CFC free Hermitically Sealed. Compressors of Kirloskar make.

Humidity:

Humidity generation provision is incorporated in our temperature and humidity control cabinets. The humidity is generated by means of aerosol humidity generator with efficient humidity controller cum indicator.

BETTER TECHNOLOGY & BEST QUALITY WITH QUICK SERVICE

Temperature Control / Range:

Humidity Range: From Ambient to 95% (As per the temperature Requirements).

Humidity Sensitivity: Humidity is controlled by mean of an electronic humidity controller cum indicator with an accuracy of + 5%. RH

Temperature Range: 5°C to 70 °C

Temperature Sensitivity: +/- 1° c or better.

Optional:

Universal data logger 25,200/- extra

PPI PID based programmable controller with original sensor Temperature Accuracy: < 0.5 °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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**C-2(6), 67/3, G.I.D.C, Estate, Phase-1, Nr. Maneck Chawk Co-Opp. Bank,
Vatva**

Ahmedabad – 382 445 (Gujarat).

**Tel No: 079-25831006, 40085092 Telefax: 079-25834006 (M) No.
9427000891**

Email:holyscientific@gmail.com