

SINCE 1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION FOR LAB INSTRUMENTS



BETTER TECHNOLOGY & BEST QUALITY
WITH FAST SERVICE

LAB INSTRUMENTS

SCIENTIFIC INSTRUMENTS

LAB EQUIPMENTS

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TESTING KITS

SCIENTIFIC KITS

LABORATORY GLASS WARES

LABORATORY PLASTICWARES

LABORATORY CHAMICALS

VACUUM OVEN

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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VACUUM OVEN

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SCOPE:

A vacuum oven is an oven that heats a sample in vacuum. Heating in vacuum is important for preventing oxidation and this allows the use of higher temperatures without boiling. Vacuum ovens are known for uniform heating and low contamination because they heat at lower pressures. In vacuum ovens, the heat-treating process takes place inside a vessel that is airtight. This allows a vacuum to be drawn inside the vessel. The entire heat-treating process can take place under vacuum or precisely controlled atmospheres can be introduced.

We are recognized as one of the supreme Laboratory Vacuum Oven Manufacturers & Exporters from India. The Laboratory Vacuum Ovens, offered by us, is widely demanded in the market due to the unmatched quality and unsurpassable performance & usage.

CONSTRUCTION:

Our vacuum ovens are double walled convection heated units. Outer body of our vacuum oven are constructed out of thick CRC sheet duly pre-treated with primers and rust proofing and painted with long lasting stove enamel or elegantly 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 vacuum ovens. The unit is mounted on a sturdy steel frame and provided with castor wheels (Large Sized Models Only) for easy movement inside the laboratory. The unit is provided with one stainless steel shelves.

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

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.

Heating: -

Indirect three side heating system is provided in our units, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage.. The temperature is evenly distributed throughout the chamber through efficient motor fans ensuring a very good temperature sensitivity.

Temperature range / temperature sensitivity:

Temperature range of our standard laboratory oven models are 5° c above ambient temperature to 150° c or 200°C. However we have the capacity to modify the same to suit the individual specialized requirements of our customers. Temperature inside our hot air ovens are controlled with a sensitivity of + 1° c or better. Temperature is controlled by microprocessor based PID type 7 segment four digit dual display temperature controller.

Insulation:

The gap between outer & inner chamber of 75 mm is filled with special grade environment friendly mineral glass wool for prevent heat loss.

Vacuum:

Vacuum inside chamber provide 700mm Hg & it display on gauge mounted on panel.

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Temperature Control / Range:

Temperature Range: 5°C to 130 °C or 200°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

The images are only for reference purpose. Original unit may be differ from the image.
RASAYAN reserve all the rights to change the specification & rate without any notice at any time

MFG.BY

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