

SINCE 1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION FOR LAB INSTRUMENTS



BETTER TECHNOLOGY & BEST QUALITY
WITH FAST SERVICE

LAB INSTRUMENTS

SCIENTIFIC INSTRUMENTS

LAB EQUIPMENTS

LAB INSTRUMENTS

TESTING KITS

SCIENTIFIC KITS

LABORATORY GLASS WARES

LABORATORY PLASTICWARES

LABORATORY CHAMICALS

BOD INCUBATOR

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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BOD INCUBATOR**BOD INCUBATOR****SCOPE:-**

We are the leading manufacturer of BOD incubators in region. Our BOD incubators are widely used for day to day bacteriological and bio chemical oxygen demand determination tests in various laboratory applications. We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists for individual and specialized research applications. Over a short period of time RASAYAN brand have been established as reliable exporters of BOD incubators in India. Apart from that we are supplying our BOD incubators in India , catering to a variety of customers ranging from Defense Installations, Research Laboratories, Educational Institutes and various R and D laboratories of leading national and multinational companies.

CONSTRUCTION:-

RASAYAN B.O.D incubator 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 and lock & key arrangement. Inner door made of clear acrylic sheet allowing inspection of material in the chamber without disturbing the chamber temperature.

- RELIABLE
- VERSATILE USEAGE.
- 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.

Door operated inner illumination has been provided. the gap between walls of equipment are filled with PUF.(poly urethane form) which insures maximum thermal efficiency as well as reduce power consumption in our BOD incubator. Air circulation fan 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 like ON/OFF switch cord plug, Heater indication lamp, etc.

Heating

Indirect heating system is provided in our units, comprising of air heaters made of fins type S.S tube of suitable wattage.

Cooling

An energy efficient cooling unit is installed in our B.O.D incubator to enable bio chemical demand, cyclic and growth studies at lower room temperatures. We use ISI marked high end CFC free compressor KIRLOSKER make.

Temperature range

Temperature range: $+5^{\circ}\text{C}$ to 70°C
Temperature sensitivity: $\pm 1^{\circ}\text{C}$ or better.
Temperature Control: By digital Dual display Temperature controller with PT 100 sensor

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ILLUMINATION FOR FRONT PANEL NOTE:

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: $< 0.5\text{ }^{\circ}\text{C}$: -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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