

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

VERTICAL AUTOCLAVE

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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VERTICAL AUTOCLAVE



VERTICAL AUTOCLAVE

SCOPE:-

We are the leading manufacturer of auto clave in region. Our auto claves are widely used for day to day 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 various types of auto clave in India. Apart from that we are supplying our auto clave 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:-

The outer chamber is made of thick gauge Mild Steel while inner is made of 304 grade Stainless Steel. Lid is made of Mild Steel with inside lined with S.S. for double protection. The unit has Radial Locking arrangement for the lid. Provided with built-in safety valve, pressure gauge, pressure release valve. Pressure is adjustable from 5 psi to 20 psi Supplied complete with cord, plug etc. To operate 220 volts single phase 50 cycles.

MODE OF HEATING:-

Electrically heated by special flange type/immersion type heaters bearing ISI mark, to work on 220 volts single phase 50 cycles.

- RELIABLE
- VERSATILE USEAGE.
- MICRO-PROCESSOR BASED CONTROLLERS
- AESTHETICALLY DESIGNED
- ENERGY EFFICIENT
- PLC BASED OPERATING (OPTIONAL)

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.

Working Pressure:

The pressure inside the chamber is variable from 5 psi. to 20 psi. But the normal recommended pressure for sterilization process is 1.2 kgf/cm sq.g (15 psi - 17 psi)

Working Temperature:

121° C – 134° C

HYDRO TEST PRESSURE:

2.5 kgf/cm sq.g (35 psi)

Features:

- Double safety radial locking arrangement.
- Stainless steel steam release valve.
- Spring loaded safety valve of stainless steel (grade SS-304)
- Water valves.
- Water level indicating gauge glass with stainless steel guard.
- Pressure gauge.
- Electrical control box, fitted with toggle switch, indicating Neon lamps and steam release valve. Foot paddle lifting device

Dimension(Dia)x(Depth)

Volume(inliters)

550mm x 750mm	152
400mm x 1100mm	162
500mm x 1200mm	185
600mm x 1200mm	300
750mm x 1200mm	525

BETTER TECHNOLOGY & BEST QUALITY WITH QUICK SERVICE

Optional

1. Automatic Pressure Control Switch -- This semi-automatic device controls the pressure inside the chamber mechanically and cuts-off the current from the heating elements, when the desired/ set pressure value level is attained inside the chamber and restarts the mechanism once the pressure inside the chamber falls from the desired level. Rs. 5937/- extra

2. Automatic low Water Cut-off Device - This device is a safety device which protects the heaters from running dry. This device ensures that the machine is automatically switched off in case the desired water level falls below the prescribed level: Rs. 5250/- extra

3. Microprocessor based Temperature Control with digital display- Rs. 12250/- extra

4. Digital temperature indicator: 5250 /- extra.

5. S.S stand: 31250/- 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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