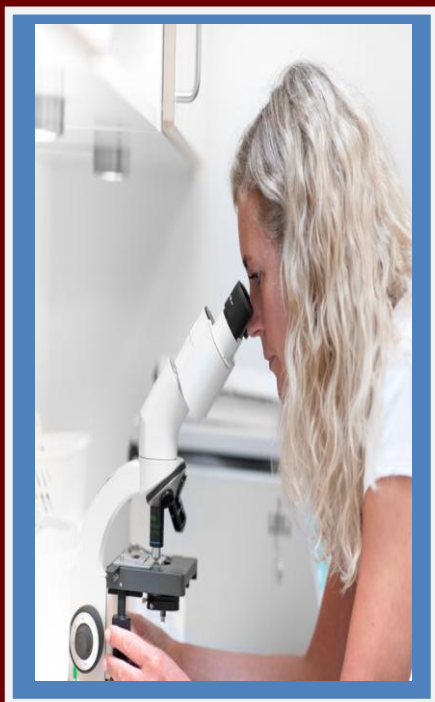


SINCE 1969

HOLY SCIENTIFIC

The ultimate solution for lab instruments



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VERTICAL LAMINAR FLOW

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

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VERTICAL LAMINAR FLOW



VERTICAL LAMINAR FLOW

SCOPE:-

RASAYAN Mack Vertical Laminar Flow is designed for the handling of materials in a sterile working environment. The work area is continuously bathed with positive pressure ISO 5/Class 100 vertical laminar flow air that has passed through a High Efficiency Particulate Air (HEPA) filter. This filter removes organisms and particulates 0.3 micron in size with an efficiency of 99.97%. The laminar flow principle consists of moving individual streams of unidirectional, ultra-clean air along parallel lines with minimal turbulence. The HEPA filter is positioned in the rear of the work area and is protected by a removable, perforated metal diffuser.

CONSTRUCTION:-

RASAYAN Mack Vertical Laminar flow constructed of quality all-welded stainless steel OR mild steel with a pharmaceutical grade finish. The fluorescent light housing is externally mounted to provide optimum lighting into the work area. The acrylic top and side panels allow for additional ambient light and visibility into the work area. Our Spill Guard feature is utilized in the rear and sides of the full-width work area. The Curve Flex forearm support feature provides operator comfort.

Stainless steel stands are available at a fixed sitting (30") or standing (36") work height. For further ergonomic considerations, adjustable stands are available with either manual height adjustment.

- 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.

Application:-

Life Science Research

The clean work area provides an excellent work space for small laboratory appliances, microscopes, pipetting, or similar.

Pharmacy

For use in compounding sterile drug preparations or IV Admixture preparation.

Animal or Plant

For procedures requiring work-in-progress protection from Outside potentially harmful contaminants.

Features:-

- Working table of stainless steel.(s.s.304).
- Hepa filter of 0.3μ of an efficiency of 99.97% down to 0.3μ media is of dry fiber & made of pleats back & forth in a anodized aluminum frame.
- Pre filter (10μ) of dry fiber washable type with the frame on all the sides.
- Confirm international standards 209E.
- statically balanced motor blower assembly.
- Velocity at the out put of hepa is 90 ± 20 FPM
- Noise level is very low.
- Vibration is also very low.
- Normal working florescent light.
- Static pressure manometer.
- U.V. light.
- front & side door of acrylic sheet.(transparent.)
- Gas cock.

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AVAILABLE IN DIFFERENT SIZES:

1. 2'x2'x2'
2. 3'x2'x2'
3. 4'x2'x2'
4. 6'x2'x2'
5. 8'x2'x2'

other size will also be provided as per users requirement.

OPTIONAL

PLC based (digital) controlling

ULPA filter with 99.99% efficiency.

Acid proof construction with acid proof blower.

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**

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