

TSL

Scientific Instrument Private Limited

Fume hoods

Fume hoods are engineered to serve as a contained, ventilated environment that offers significant protection to the user. They are specifically designed to expel toxic vapors, acidic or alkaline fumes, and unpleasant odors from the work space, thereby safeguarding both expensive equipment and the experimenter.



• Key Features

- LowNoise.
- User Friendly Ergonomic Design.
- Double-walled construction.
- Material : Mild steel powder coated or Stainless Steel 304 Grade
- All interior surfaces are sealed and checked for leakage.
- Work table is made of Jet black granite (Thickness : 18 mm).
- Working area is illuminated by fluorescent lighting fitted to the unit.
- The front shutter made of toughened float glass moves vertically up and down with concealed counter balanced weight.
- The centrifugal blower and motor assembly is statically and dynamically balanced & operates with minimum noise level.
- Supplied with bottom storage cabinet.
- Provided with levelling jacks.
- Supplied with cord & plug to work on Single Phase 220 / 230 volts A.C. supply
- Technical Specifications
- Inner dimension – (Ft) (Wx Dx H)– 6x2x2

• Application

- Provide protection to the operator
- Control panel – Separate switch for Fan & Fluorescent Light
- Face Velocity – 80-120 FPM
- Noise level – Less than 70 db
- Illumination – 400 LUX [Fluorescent Light]
- Ducting – PVC(Dia-8”Inches)
- Motor – Heavy duty single phase
- Nominal voltage – 220-230 Volts,50 Hz Single Phase
- Accessories – Electric socket (5/15 amp) with MCB – 2Nos.

• Technical Specifications

- Stirring positions – 1
- Set-up plate dimensions [mm] – Ø 135
- Set-up plate material – Stainless Steel with ceramic coated
- Motor type – DC motor
- Max. stirring quantity [H₂O, L] – 5
- Max. stirring bar [L x Φ , mm] – 55*10
- Motor rating input [W] – 3
- Motor rating output [W] – 2.5
- Speed range [rpm] – 100-1500
- Speed display – LED
- Heating output [W] – 600
- Heating temperature range – Room temp.-280°C
- Temperature display – LED
- Temperature display accuracy – ±0.5-1.0[°C]
- Safety temperature [°C] – 50-320
- External temperature sensor – /
- Control accuracy with external temperature sensor PT1000 [°C] – ±1
- Permissible ambient temperature [°C] – May-40
- Permissible relative humidity – 80%
- Voltage [VAC] – 200-240/100-120
- Frequency [Hz] – 50/60
- Power [W] – 630
- Dimensions [W x D x H, mm] – 268 x 160 x 85



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ISO 9001:2015

IEC 61010-1/ IEC 61326-1 Electrical Equipment Package & 2006/95/EC Low

Customize able as per customer requirement