



LAMINAR AIR FLOW CABINET SMI-156

"Gindal" Laminar Air Flow Cabinets are able to create particle free air of Class II standard. The cabinet is fabricated out of thick termite proof board with sunmica laminated exteriors. The working table is made of thick board which is also sunmica clad at top. Laminar flow is based on principle of double filtration of air. Atmospheric air will be drawn through the pre-filters by heavy duty blowers. Filtered air then passed through highly effective HEPA Filters with 99.97% efficiency for particulates of 0.3 micron or larger, which can filter almost all air born contaminants such as dust, fungal spores, bacteria etc. Double filtered Laminar air flow will blow horizontally/vertically through the working table at a nominal velocity of approx. 90 Ft³/min. Heavy duty blowers dynamically balanced with 0.20 HP electric motor are mounted on shock resistant base of Cabinet or anti-vibration pads, operate on 230 +/- 10 volts, 50 Hz AC supply. Shadow less Uniform Lighting is provided within working space (100 feet candles). Unit will be mounted on caster wheels and supplied with high quality plug & cord.



SMI-156

| | | | | | |
|---------------------|-----------|----------|----------|----------|----------|
| HORIZONTAL : | HL-2 | HL-3 | HL-4 | HL-6 | HL-8 |
| VERTICAL : | VL-2 | VL-3 | VL-4 | VL-6 | VL-8 |
| Working Area : | 2'x2' x2' | 3'x2'x2' | 4'x2'x2' | 6'x2'x2' | 8'x2'x2' |
| Size of HEPA-F : | 2'x2'x6" | 3'x2'x6" | 4'x2'x6" | 3'x2'x6" | 4'x2'x6" |
| No. of HEPA-F : | 01 | 01 | 01 | 02 | 02 |
| No. of Pre-filter : | 01 | 02 | 02 | 03 | 04 |
| Illuminaion : | 1x20 W | 1x20 W | 2x40 W | 2x40 W | 4x40 W |

PRICE :

| | | | | | |
|--------------|----------|----------|----------|----------|-----------|
| HORIZONTAL : | 52000.00 | 60000.00 | 70000.00 | 80000.00 | 150000.00 |
| VERTICAL : | 65000.00 | 75000.00 | 84000.00 | 96000.00 | 180000.00 |

COMPLETE IN STRONG ALUMINIUM BODY :

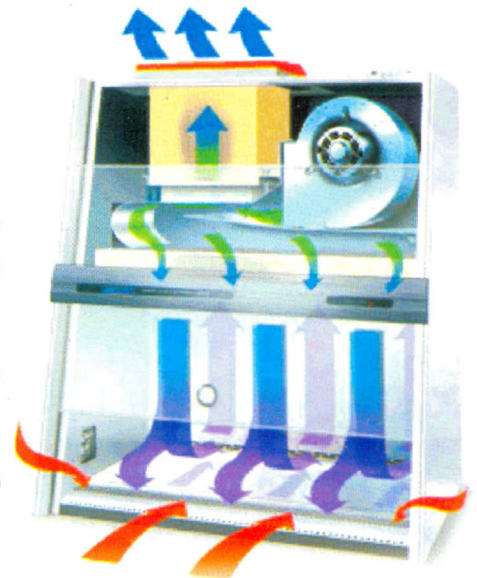
| | | | | | |
|---------|----------|----------|-----------|-----------|-----------|
| HORZ. : | 84000.00 | 99000.00 | 135000.00 | 154000.00 | 210000.00 |
|---------|----------|----------|-----------|-----------|-----------|

COMPLETE IN STRONG S.Steel BODY :

| | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|
| HORZ./VERT. : | 105000.00 | 125000.00 | 175000.00 | 225000.00 | 325000.00 |
|---------------|-----------|-----------|-----------|-----------|-----------|

Optional Accessories:

| | | | | | |
|--|---------|---------|---------|---------|----------|
| 1. Satin finish Table S.S Table top (In lieu of Sunmica top) | 2750.00 | 3500.00 | 4000.00 | 6500.00 | 11000.00 |
| 2. Transparent front door | 2250.00 | 2375.00 | 2875.00 | 3700.00 | 5500.00 |
| 3. Static Pressure Manometer | 2200.00 | 2200.00 | 2200.00 | 2200.00 | 2200.00 |
| 4. Built-in U.V. Air germicidal light | 3250.00 | 3250.00 | 3250.00 | 3250.00 | 3250.00 |
| 5. Exhaust system suitable for 6" duct | 6500.00 | 7200.00 | 7200.00 | 8400.00 | 10000.00 |
| 6. Exhaust ducting (per running ft.) | 575.00 | 575.00 | 575.00 | 575.00 | 575.00 |
| 7. Cork for gas, air or vacuum line. | 575.00 | 575.00 | 575.00 | 575.00 | 575.00 |



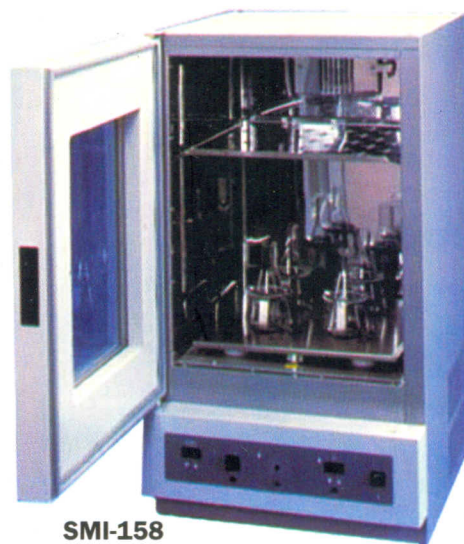
ORBITAL SHAKING INCUBATOR SMI-158

Double walled construction. Outer body made of Mild Steel powder coated. Inner chamber made of Stainless Steel with ribs to hold a tray. Shaking platform also made of S.Steel to accommodate 16 flasks of 500 mL capacity. Temperature controlled by Digital Temp. Controller cum Indicator from ambient + 5 to 70°C, with an accuracy of +/-0.5°C or better. Shaking speed can be controlled by Speed Regulator and indicated by Digital RPM meter. A Stainless Steel Perforated Tray is also provided for the use of upper portion of the chamber as a simple Bacteriological Incubator. An Illumination lamp is also provided inside the chamber. Suitable to work on 220/230 V, 50Hz. single phase AC supply.

CHAMBER SIZE : 625 x 550 x 550 MM (WxDxH) 125000.00

Optional Accessories:

- | | | |
|----|--|---------|
| 1. | Digital Programmable Timer | 7500.00 |
| 2. | Illumination with 4 numbers of 60 cm. florescent tubes | 4500.00 |
| 3. | Spare platform to accommodate other cap. of Flask. | 5000.00 |
| 4. | Voltage Stabilizer | 4500.00 |



SMI-158

ORBITAL SHAKING INCUBATOR (Cooling System) SMI-159

A Stainless Steel Perforated Tray is also provided for the use of upper portion of the chamber as a simple B.O.D. Incubator. An Illumination lamp is also provided inside the chamber. Suitable to work on 220/230 V, 50Hz. single phase AC supply.

CHAMBER SIZE : 625 x 550 x 550 MM (WxDxH) 175000.00

Optional Accessories:

- | | | |
|----|---|---------|
| 1. | Digital Programmable Timer. | 7500.00 |
| 2. | Illumination with 4 numbers of 60 cm. florescent tubes. | 4500.00 |
| 3. | Spare platform to accommodate other cap. of Flask. | 5000.00 |
| 4. | Voltage Stabilizer | 4500.00 |



SMI-160

FUME HOOD SMI-160

Fabricated out of thick Wooden Board / Mild Steel powder coated designed so as to throw out all toxic/harmful vapors, thus protecting costly instruments and the person working in the Laboratory from fumes. Outer is finished with sunmica. Working table top is fitted with acid/alkali resistant tiles/FRP lining & a Stainless Steel wash basin with connections provided for inlet & outlet of water. An exhaust centrifugal fan of 0.75 HP, 1440 RPM (Crompton) is installed at the top to throw out the toxic fumes. The inner walls are also lined with FRP Lining to protect them from corrosive fumes. The front door moves vertically up & down with concealed counter balanced weights. The unit is fitted with flourescent light & a gas cock for gas/air supply. Two/Three drawers & storage compartments are provided under the working table. The front facing panel is fitted with 15/5 Amp. socket with switches for exhaust system and flourescent tubes. Suitable to work on 220/230 V, 50Hz. single phase AC supply.

| | Working Table Size | Wooden | Mild Steel |
|----|--------------------|-----------|------------|
| a) | 4' x 2.5' x 2' | 95000.00 | 125000.00 |
| b) | 6' x 2.5' x 2' | 125000.00 | 150000.00 |

Optional Accessories :

- | | | |
|----|---|---------|
| 1. | Stainless Steel lining on the work bench | 9000.00 |
| 2. | Teflon lining on the work bench (per sq. Ft.) | 1600.00 |
| 3. | FRP. Lining on inner walls (per sq.Ft.) | 2200.00 |
| 4. | PVC Fume Duct (per running ft.) | 750.00 |

