MEDILAB
EXPORTS CONSORTIUM

*Clean-Air Equipment,
General Laboratory Equipment
and Laboratory Furniture Catalog*

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Clean Air Equipment

MH-51-01 : Laminar Air Flow (Portable)

Switches	:	Switches for blower, Fluorescent light & UV light.
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Top to downward (Vertical)
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Perforated Made up of stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic. (Foldable)
UV Lamp	:	9W, make Philips Holland.
Illumination	:	9W, LED tube.
Pressure	:	Manometer 0-50mm range.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	19mm thick Plyboard covered with sunmica from outside and epoxy painted from inside.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Working Area Size	:	45x45x45cm.

MH-55 : HEPA Filter

The filter has excellent resistance to chemical including corrosive vapour and most acids except phosphoric and hydro solvents which have little or no effect. These have excellent electric qualities, they neither absorb moisture, swell, stretch nor undergo chemical change through contact with moisture. Filter medium fabricated from fire proof 100% micro fibre glass paper pleated with aluminium /cadmium plated mild steel with exclusive plastic base adhesive. Continuous neoprene sponge rubber seals are provided on filter frame for effective sealing . The filter has a filtration efficiency of upto 99.97%, particle retention >0.3 micron and can operate in temperature upto 150° C intermittent 121° C continuous and 100% relative humidity. The filters are tested by the DOP test methods, the most accurate and stringent test.

- **MH-05-01** HEPA Filter   Size : 60x60x15 cm.
- **MH-05-02** HEPA Filter   Size : 90x60x15 cm.
- **MH-05-03** HEPA Filter   Size : 120x60x15 cm.

Clean Air Equipment

Pre Filter

These filters have been specifically designed to meet the requirements of clean air in general ventilating and air-conditioning systems in Hospitals, Computer installations, also in Nuclear, Pharmaceutical, Petro-Chemical, Fertilizers, Synthetic fiber industries and Compressor applications. The heart of the filter is a reinforced washable synthetic non-woven filter media/fiber glass. Fiber media pleated in accordation format along with a backing of wire/HDPE netting. The mediums are carefully selected to offer the best possible performance to suit specific needs. In order to obtain uniformity of dust loading, the filter plates are kept apart by means of aluminium separators. The complete filter pack is sealed into rigid cassette of mild steel or aluminium. Filter is offered in a three piece construction namely element cassette, outer casing and front grill. For replacement, only the cassette element needs to be changed. The micronic fine filter has a filtration efficiency upto 90.0%, particle retention >5.0 micron and can operate upto 120°C and 100% relative humidity. Before use, the filters are tested in accordance with the specification of BS 2831 Standards.

- **MH-05-04** Pre Filter   Size : 55x55x5cm.
- **MH-05-05** Pre Filter   Size : 85x55x5cm.

: Laminar Air Flow Workstation (Vertical) Mild Steel

Switches	:	Microprocessor based Touch Panel for Blower, LED light & UV light. (UV light with Timer). Motorized front door of toughen glass.
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Top to downward
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of stainless steel 304gr. (Perforated) Cock for gas on work table.
Front door	:	Made of Toughen glass. (Motorized)
UV Lamp	:	15/30W, make Philips Holland
Illumination	:	LED Lights for easy operation.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet made of Mild Steel duly powder coated.
Electricals	:	15/5 AMP socket with switch.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Safety Features	:	Voltage fluctuations Protection. Micro switche for UV & LED Lights.
Stand	:	Castor Wheels for easy movability. Front Wheels lockable with brakes.

- **MH-56-01** Working Area Size: 60x60x60cm.
- **MH-56-02** Working Area Size: 90x60x60cm.
- **MH-56-03** Working Area Size: 120x60x60cm.
- **MH-56-04** Working Area Size: 150x60x60cm.

Clean Air Equipment

Laminar Air Flow Workstation (Vertical) Complete S.S.

Switches	:	Microprocessor based Touch Panel for Blower, LED light & UV light. (UV light with Timer) Motorized front door of toughen glass.
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Top to downward
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of stainless steel 304gr.(Perforated) Cock for gas on work table.
Front door	:	Made of Toughen glass. (Motorized)
UV Lamp	:	15/30W, make Philips Holland
Illumination	:	LED Lights for easy operation.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet made of 304gr.Stainless Steel.
Electricals	:	15/5 AMP socket with switch.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440 RPM motor.
Safety Features	:	Voltage fluctuations Protection. Micro switche for UV & LED Lights.
Stand	:	Castor Wheels for easy movability. Front Wheels lockable with brakes.

- **MH-56-05** Working Area Size :   60x60x60cm.
- **MH-56-06** Working Area Size :   90x60x60cm.
- **MH-56-07** Working Area Size :   120x60x60cm.
- **MH-56-08** Working Area Size :   150x60x60cm.

MH-57 : Laminar Air Flow (Vertical) Wooden

Switches	:	Switches for Blower, Fluorescent light & UV light.
Pre-filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Top to downward
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic. (Foldable)
UV Lamp	:	15/30W, make Philips Holland
Illumination	:	LED Light for easy operation
Pressure	:	Manometer 0-50mm range.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet Made of 19mm thick plyboard covered with white sunmica & epoxy painted from inside.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.

- **MH-57-01** Working Area Size : 60x60x60cm.
- **MH-57-02** Working Area Size : 90x60x60cm.
- **MH-57-03** Working Area Size : 120x60x60cm.
- **MH-57-04** Working Area Size : 180x60x60cm.

Clean Air Equipment

MH-57-05 : Exhaust System for Laminar Air Flow (Vertical)

Effective exhaust system through mild steel channel and turbo fans for exhausting air fumes and chemicals etc. Through perforated work-bench sheet and conveniently disposed off on back of the cabinet.

Laminar Air Flow (Vertical) Complete S.S.

Switches	:	Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Top to downward
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic duly Counter Balanced.
UV Lamp	:	15/30W, make Philips Holland
Illumination	:	LED Lights for easy operation.
Pressure	:	Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet made of 304gr.S.S.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.

- **MH-57-06** Working Area Size   60x60x60cm.
- **MH-57-07** Working Area Size   90x60x60cm.
- **MH-57-08** Working Area Size   120x60x60cm.
- **MH-57-09** Working Area Size   180x60x60cm.

MH-57-10 : Laminar Air Flow IVF (In Vitro Fertilization Workstation)

The Rescholar IVF workstation is specially designed for use in fertility laboratories for research work in the fields of human and animal reproduction. A controlled work environment is of high priority due to the complexity of the process. This includes hygienic conditions to minimize microbial contamination, a warmed work surface for the sustenance of biological matter and provisions for the use of microscopes in the Rescholar IVF workstation, air is taken in from above the workstation and passed through an ULPA filter. The filtered air is then passed through the main chamber in a vertical laminar (Unidirectional) air stream before being exhausted through the front opening.

Features

- Warmed work top keeps temperature at a constant 37°±0.4°C (32.7°F).Work top temperature is constantly displayed on the front panel, and temperature is easily adjustable from the controller.
- The workstation interior is constructed of stainless steel, making the work zone easy to clean. The interior surface will not chip, rust or generated particles.
- The ergonomically designed work surface with a curved front edge is designed for maximum operator comfort.
- High quality ULPA filters use an improved mini-pleat separation technique to maximize surface area.
- Rescholar IVF workstation provides ISO Class 3 air cleanliness with in the zone.
- Working Area Size 120x60x60cm.

Clean Air Equipment

MH-57 : Laminar Air Flow (Vertical) Mild Steel

Switches	:	Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Top to downward
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic duly counter balanced.
UV Lamp	:	15/30W, make Philips Holland
Illumination	:	LED Lights for easy operation.
Pressure	:	Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet made of Mild Steel duly powder coated.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.

- **MH-57-11** Working Area Size : 60x60x60cm.
- **MH-57-12** Working Area Size : 90x60x60cm.
- **MH-57-13** Working Area Size : 120x60x60cm.
- **MH-57-14** Working Area Size : 180x60x60cm.

MH-58 : Laminar Air Flow (Horizontal) Wooden with Microprocessor Control

Switches	:	Microprocessor based switches for Blower, LED light & UV light With LCD back light display. (UV light with Timer)
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Frontward Horizontally
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of stainless steel 304gr. Cock for gas on work table.
Side Panels	:	6mm±.5mm thick Acrylic sheet.
Front door	:	Made of Acrylic. (Foldable)
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	19mm thick Duraboard covered with sunmica from outside and epoxy painted from inside.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric motor Mounted on anti vibration pad 1440rpm motor.

- **MH-58-01** Working Area Size : 60x60x60cm.
- **MH-58-02** Working Area Size : 90x60x60cm.
- **MH-58-03** Working Area Size : 120x60x60cm.
- **MH-58-04** Working Area Size : 180x60x60cm.

Clean Air Equipment

Laminar Air Flow (Horizontal) Wooden

Switches	:	Switches for Blower, LED light & UV light.
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100). 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Frontward Horizontally.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of stainless steel 304gr. Cock for gas on work table.
Side Panels	:	6mm±.5mm thick acrylic sheet.
Front door	:	Made of Acrylic. (Foldable)
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Inclined Manometer 0-50mm range.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	19mm thick Duraboard covered with sunmica from outside and epoxy Painted from inside.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.

- **MH-58-05** Working Area Size : 60x60x60cm.
- **MH-58-06** Working Area Size : 90x60x60cm.
- **MH-58-07** Working Area Size : 120x60x60cm.
- **MH-58-08** Working Area Size : 180x60x60cm.

Clean Air Equipment

Laminar Air Flow (Horizontal) Complete S.S. with Microprocessor Control & Alarm

Switches : Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
Pre Filter : 90.00% down to 5 micron.
HEPA Filter : ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow : Frontward Horizontally
Noise Level : 60 decibel ± 5%.
Velocity : 0.35-0.50m/sec.
Work Table : Made up of stainless steel 304gr. Cock for gas on work table.
Front door : Made of Acrylic. (Foldable)
UV Lamp : 15/30W, make Philips Holland
Illumination : LED Lights for easy operation.
Pressure : Manometer 0-50mm range with filter failure alarm.
Power Supply : 230V ± 10V/50 Hz single phase A.C.
Cabinet : Cabinet made of 304gr. stainless steel.
Heavy Duty Blower : Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.

- **MH-58-09**   Working Area Size : 60x60x60cm.
- **MH-58-10**   Working Area Size : 90x60x60cm.
- **MH-58-11**   Working Area Size : 120x60x60cm.
- **MH-58-11A** Working Area Size : 180x60x60cm.

Laminar Air Flow (Horizontal) Mild Steel With Microprocessor Control & Alarm

Switches : Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
Pre Filter : 90.00% down to 5 micron.
HEPA Filter : ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow : Frontward Horizontally
Noise Level : 60 decibel ± 5%.
Velocity : 0.35-0.50m/sec.
Work Table : Made up of stainless steel 304gr. Cock for gas on work table.
Side Panels : 6mm±.5mm thick Acrylic sheet.
Front door : Made of Acrylic. (Foldable)
UV Lamp : 15/30W, make Philips Holland,
Illumination : LED White Light.
Pressure : Digital Manometer 0-50mm range with filter failure alarm.
Power Supply : 230V ± 10V/50 Hz single phase A.C.
Cabinet : Made of Mild Steel duly powder coated.
Heavy Duty Blower : Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.

- **MH-58-12**   Working Area Size : 60x60x60cm.
- **MH-58-13**   Working Area Size : 90x60x60cm.
- **MH-58-14**   Working Area Size : 120x60x60cm.
- **MH-58-14A** Working Area Size : 180x60x60cm.

Clean Air Equipment

Laminar Air Flow Workstation (Horizontal) Mild Steel

Switches	:	Microprocessor control touch panel for Blower, LED light & UV light with LCD back light display. (UV light with Timer) Motorized front door of toughen glass.
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100)99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Frontward Horizontally
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of stainless steel 304gr. Cock for gas on work table.
Front door	:	Motorized door of toughen glass
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet made of Mild Steel duly epoxy powder coated.
Electricals	:	15/5 AMP socket with switch.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad. 1440rpm motor.
Safety Features	:	Voltage fluctuations protection. Micro switches for UV & LED lights.
Stand	:	Castor wheels for easy movability. Front wheels lockable with brakes.

- **MH-58-15** Working Area Size : 60x60x60cm.
- **MH-58-16** Working Area Size : 90x60x60cm.
- **MH-58-17** Working Area Size : 120x60x60cm.
- **MH-58-18** Working Area Size : 150x60x60cm.

Clean Air Equipment

Laminar Air Flow Workstation (Horizontal) Complete S.S.

Switches	:	Microprocessor based Touch Panel for Blower, LED light & UV light. (UV light with Timer) Motorized front door of toughen glass.
Pre Filter	:	90.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Frontward Horizontal.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Toughen glass. (motorized)
UV Lamp	:	15/30W, make Philips Holland
Illumination	:	LED Lights for easy operation.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Cabinet made of 304gr. Stainless Steel.
Electricals	:	15/5 AMP socket with switch.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Safety Features	:	Voltage fluctuations Protection.

- **MH-58-19** Working Area Size : 60x60x60cm.
- **MH-58-20** Working Area Size : 90x60x60cm.
- **MH-58-21** Working Area Size : 120x60x60cm.
- **MH-58-22** Working Area Size : 150x60x60cm.

MH-59 : Biosafe Cabinet (Wooden) Class II, A-2

Switches	:	Switches for Blower, LED light & UV light.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Vertical, 70% of the air volume is re-circulated, 30% is exhausted.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated Stainless Steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic. (foldable)
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Manometer 0-50mm range.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Made of Plyboard and covered with sunmica & epoxy painted inside.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Virus Burn out	:	Fitted with exhaust and HEPA Filter for environmental protection.

- **MH-59-01** Working Area Size : 60x60x60cm.
- **MH-59-02** Working Area Size : 90x60x60cm.
- **MH-59-03** Working Area Size : 120x60x60cm.

Clean Air Equipment

MH-59-04 : 'Steriflow' Portable Laminar Air Flow

For field use. Under License from IHBT(CSIR). Specially designed and developed for on field culture and analysis of specimens. MDF sturdy body with melamine lamination. Acrylic covers on front & sides. Front door height adjustable, removable base plate, carrying handle & shoulder strap for on-field carrying. 9watt ultra violet germicidal lamp.

Biosafe Cabinet (Mild Steel) Class II, A-2

Switches	:	Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA filter.
Airflow	:	Vertical,70% of the air volume is Re-circulated, 30% Exhausted.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of acrylic duly counter balanced .
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	M.S. frame in powder coated paint finish.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Virus Burn out	:	Fitted with exhaust and HEPA Filter for environmental protection.
Stand	:	Fitted with Castor Wheels for easy movability. Front Wheels lockable with brakes.

- **MH-59-05** Working Area Size : 60x60x60cm.
- **MH-59-06** Working Area Size : 90x60x60cm.
- **MH-59-07** Working Area Size : 120x60x60cm.

Biosafe Cabinet (S.S) Class II, A-2

Switches	:	Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Vertical,70% of the air volume is re-circulated, 30% exhausted.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic duly counter balanced .
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Made of 304gr. Stainless Steel.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Virus Burn out	:	Fitted with exhaust and HEPA Filter for environmental protection.
Stand	:	Fitted with Castor Wheels for easy movability. Front Wheels lockable with brakes.

- **MH-59-08** Working Area Size : 60x60x60cm.
- **MH-59-09** Working Area Size : 90x60x60cm.
- **MH-59-10** Working Area Size : 120x60x60cm.

Clean Air Equipment

Biosafe Cabinet (Mild Steel) Class II, B-2

Switches	:	Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
Pre Filter	:	99.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow	:	Vertical,100% Exhausted.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic duly counter balanced.
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	M.S. frame in powder coated paint finish.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Virus Burn out	:	Fitted with exhaust and HEPA Filter for environmental protection.
Stand	:	Fitted with Castor Wheels for easy movability. Front Wheels lockable with brakes.

- **MH-59-11** Working Area Size : 90x60x60cm.
- **MH-59-12** Working Area Size : 120x60x60cm.
- **MH-59-13** Working Area Size : 150x60x60cm.

MH-59-14 : Biosafe Cabinet (S.S.) Class II, B-2

Switches	:	Microprocessor based switches for Blower, LED light & UV light with LED back light display. (UV light with Timer)
Pre-filter	:	99.00% down to 5 micron.
HEPA Filter	:	ISO 14644 Class 5 (Class 100) 99.97%-99.99% down to 0.3 micron. Mesh guard for protection of HEPA filter.
Airflow	:	Vertical, 100% Exhausted.
Noise Level	:	60 decibel ± 5%.
Velocity	:	0.35-0.50m/sec.
Work Table	:	Made up of Perforated stainless steel 304gr. Cock for gas on work table.
Front door	:	Made of Acrylic duly counter balanced .
UV Lamp	:	15/30W, make Philips Holland,
Illumination	:	LED White Light.
Pressure	:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply	:	230V ± 10V/50 Hz single phase A.C.
Cabinet	:	Made of 304gr. Stainless Steel.
Heavy Duty Blower	:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.
Virus Burn out	:	Fitted with exhaust and HEPA Filter for environmental protection.
Stand	:	Fitted with Castor Wheels for easy movability. Front Wheels lockable with brakes.

- **MH-59-14** Working Area Size 90x60x60cm.
- **MH-59-15** Working Area Size 120x60x60cm.
- **MH-59-16** Working Area Size 150x60x60cm.

Clean Air Equipment

MH-60: Fume Hood (Stainless Steel)

The work surface of granite is fitted with small wash basin & good quality tap. A gas cock is also fitted. Sliding sash made of polycarbonate / toughened glass moves vertically up and down with concealed counter balanced weights. Chamber is fitted with fluorescent light assembly. Space underneath the work surface is provided with storage compartment. 15/5 Amp socket with switches is provided for light and exhaust system. Supplied with cord and plug to work on 220 volts 1/3 phase 50Hz A.C. Complete with motor blower for exhaust system and Duct to take out fumes.

Fume Hood (Stainless Steel) Frame of S.S. 304 grade from outside & 316 grade inside.
• Made of Stainless Steel.
• Granite Working Platform.
• High Speed Centrifugal Blowers.
• Front Sash with counter weights.
• LED illumination lights.
• Water tap and PP sink.
• Provision for gas and air Connection storage cup board.
• 15/5 Amp Switches and Socket

• **MH-60-01** Working Area Size   90x60x60cm.
• **MH-60-02** Working Area Size   120x60x60cm.
• **MH-60-03** Working Area Size   120x75x75cm.
• **MH-60-04** Working Area Size   150x75x75cm,

Clean Air Equipment

Fume Hood

Fume Hood (Mild Steel)
- Made of Mild Steel duly epoxy powder coated.
- Granite Working Platform.
- High Speed Centrifugal Blowers.
- Front Sash with counter weights.
- Fluorescent illumination lights.
- Water tap and PP sink.
- Provision for gas and air Connection storage cup board.
- Storage cup board.
- 15/5 Amp Switches and Socket

- **MH-60-05** Working Area Size   90x60x60cm.
- **MH-60-06** Working Area Size   120x60x60cm.
- **MH-60-07** Working Area Size   120x75x75cm.
- **MH-60-08** Working Area Size   150x75x75cm.

Fume Hood (Wooden)
- Made of Ply-Board covered with Melamine lamination from outside and epoxy painted from inside.
- Granite Working Platform.
- High Speed Centrifugal Blowers.
- Front Sash with counter weights.
- Fluorescent illumination lights.
- Water tap and PP sink.
- Provision for gas and air Connection storage cup board.
- 15/5 Amp Switches and Socket

- **MH-60-09** Working Area Size   90x60x60cm.
- **MH-60-10** Working Area Size   120x60x60cm.
- **MH-60-11** Working Area Size   120x75x75cm.

Clean Air Equipment

MH-60-12 Demonstration Fume Hood

Demonstration Fume Hood offer a low-cost solution for protection of students, teachers, and the environment during chemistry experiments. Demonstration Fume Hood provides exceptional protection from generating toxic fumes. Vapours, particulate, or smoke. Structure made of mild steel and powder coated paint finish. Worktop of granite and fitted with PP sink & water tap. Gas cock provided on top. High speed exhaust system fitted on top. Front door open able & all three side fitted with transparent sheet. Illumination & 15/5 amp socket provided. Storage space for chemical etc. under the workbench.
Working Area Size : 90x60x60cm

Fume Hood Stainless Steel with Digital Air Flow Monitor and Exhaust System

Design Structures	:	Aerodynamic, floor mounted
Air flow type	:	Automatic bypass type
Construction (Exteriors)	:	Available in two options :-
(A)		Stainless Steel 304gr. Outside & 316gr. S.S. Inside.
(B)		Epoxy powder coated 18 & 22 Gauge Galvanized steel structure.
Baffle arrangement	:	2 Point suction section with baffle to ensure smooth and immediate exhaust of fumes. As per ASHRAE & EN norms.
Airfoil	:	Flush powder coated airfoil mounted on the worktop.
Worktop	:	Available in following options
(A)		Chemical resistant splash & spillage proof jet black granite worktop. Sink, water tap with drain arrangement worktop fitted with oval shaped 100x200mm PP cup-sink for drainage.
(B)		Epoxy top
(C)		Stainless Steel 316gr.
Sash (Shutter)	:	Vertical Sliding counter balanced toughened glass (5mm thick) / Polycarbonate fitted in the powder coated Aluminum. Clear sash open height =500mm-675mm according to size & Fume Hood.
Service Fittings	:	Remotely operated colour coded (as per international standard) total three services valves with SS breaded flexible hose & brass fittings (1 for water & 2 for gases)
Lighting	:	LED Light for better illumination with less power consumption.
Electrical utilities	:	Four nos electrical sockets 15/5 amp & switches, 'North West / HAVELLS make \ 50Hz switches have LED to indicate ON position. Switch for blower & tube light. LED indicators to show ON position of switches to be provided. Control panel provided with starter for blower. • Complete rigid structure to support fume hood. • Double skin shutter with self closing hinges.
Digital Air Flow	:	This device is an accessory for fume hood to indicate the approximate face velocity of airflow with primary purpose of warning when a low flow condition occurs. Red & LED's correspond to low & normal flow rates. When flow decreases from normal to low an audible alarm will also actuate requiring manual acknowledgment for silence.
Centrifugal Blower	:	Silent high efficiency blower, consisting of continuous rating motor and chemical resistant impeller. The blower designed to give face velocity of 80 to 120 feet/minute (FPM) as per ANSI/AIHA Z9.5 at the safe working height.
Air suction capacity	:	Silent 650 CFM confirming to international face velocity norms and a per fume hood airflow pattern.

Fume Hood (Stainless Steel) Frame of S.S. 304 grade from outside & 316 grade inside.
- **MH-60-13**   Working Area Size   90x60x60cm.
- **MH-60-14**   Working Area Size   120x60x60cm.
- **MH-60-15**   Working Area Size   120x75x75cm.
- **MH-60-16**   Working Area Size   150x75x75cm.

Fume Hood (Mild Steel)
- **MH-60-17**   Working Area Size   90x60x60cm.
- **MH-60-18**   Working Area Size   120x60x60cm.
- **MH-60-19**   Working Area Size   120x75x75cm.
- **MH-60-20**   Working Area Size   150x75x75cm.

Clean Air Equipment

Fume Hood Stainless Steel with Digital Air Flow Monitor and Exhaust System

Clean Air Equipment

MH-60-25 : Grossing Table Complete S.S. with Exhaust

- Made of high grade stainless steel
- Continuous air flow along entire work area.
- Integrated illumination with UV germicidal light.
- Working area of 5'x2.5'x3' and sides made from Acrylic material.
- Self supporting under carriage with adjustable legs.
- Adjustable set of stools with rest to reduce back strain.
- Dictaphone
- Camera holder on railing system
- Magnifying glass / light magnifier with flexible arms.
- Document holder for requisition forms, literatures etc.
- Magnetic instrument holder.
- Paper towel holder.
- Inch / centimeter ruler.
- Polythylene cutting board.
- Steel basin with adjustable valve with formalin pour off basin.
- Study perforated insertable work plates.
- Waste bin
- Sprinkler system with adjustable valve for both sanitation located underneath the perforated working plates.
- Removable organizer bins.
- Safety splash shield.
- Drawers

Size : 150x75x90cm

Clean Air Equipment

MH-60-26 - Pass Box (Dynamic)

Complete Stainless Steel 304 grade fabrication. Designed to revent cross contamination and ensure clean environment. Complete with door switch & buzzer. Double walled doors with glass view panels. Perfectly calibrated interlocking system to operate the doors. Electromagnetic interlocking to ensure only one side door will be opened at a time. Provided with pre-filter, HEPA filter, blower unit & UV lamp. Magnehelic Differential Pressure Gauge provided with the Pass Box. Working on 230V ± 10V/50 Hz single phase A.C. Working Area Size: 60x60x60cm.

MH-60-27 - Pass Box (Static)

Complete Stainless Steel 304 grade fabrication. Designed to prevent cross contamination and ensure clean environment. Complete with door switch & buzzer. Double walled doors with glass view panels. Perfectly calibrated interlocking system to operate the doors. Electromagnetic interlocking to ensure only one side door will be opened at a time. Provided with UV lamp. Working on 230V ± 10V/50 Hz single phase A.C. Working Area Size: 60x60x60cm.

S. S. Scoop Open Type

Made of S. S. 316 grade. Mirror finish.
- **MH-60-30** S. S. Scoop 250gm
- **MH-60-31** S. S. Scoop 500gm
- **MH-60-32** S. S. Scoop 1000gm
- **MH-60-33** S. S. Scoop 2000gm

S. S. Scoop Closed Type

Made of S. S. 316 grade. Mirror finish.

- **MH-60-34** S. S. Scoop 250gm
- **MH-60-35** S. S. Scoop 500gm
- **MH-60-36** S. S. Scoop 1000gm
- **MH-60-37** S. S. Scoop 2000gm

Insect Storage/Entomological Equipment

MI-61 : Insect Storage Box

For pinning of insects on both inside top & bottom. White hardwood/Teakwood frame with melamine lamination on top & MDF sheet bottom is nicely polished. Top & bottom lined with 8 mm thick soft pinning, washable EVA Sheet. Inside glazed white. Raised wall with holes for insecticide inside bottom to make box air tight and pest proof. Fitted with brass hinges, index card holder & clips.

- **MI-61-01** Size : 53x45x9 cm.
- **MI-61-02** Size : 45x30x7.5 cm.
- **MI-61-03** Size : 38x25x7.5 cm.
- **MI-61-04** Size : 30x23x7.5 cm.

MI-62 : Insect Display & Storage Showcase

For Pinning of Insects on Bottom. White hardwood/Teakwood with glass in wooden frame on top & MDF Sheet bottom is nicely polished. Bottom lined with 8 mm thick soft pinning, washable EVA Sheet. Inside glazed white. Raised wooden wall with holes for insecticide inside bottom to make box air tight and pest proof. Fitted with brass hinges, index card holder & clips.

- **MI-62-01** Size : 53x45x9 cm.
- **MI-62-02** Size : 45x30x6.5 cm.
- **MI-62-03** Size : 38x25x6.5 cm.
- **MI-62-04** Size : 30x23x6.5 cm.

MI-63-01 : Insect Display Showcase (Wall Hanging)

For display of insects in corridors, laboratory etc. MDF frame with MDF sheet bottom and glass top is nicely polished. Bottom lined with 8mm thick EVA sheet. Raised wall with holes for insecticide inside bottom to make box airtight & pest-proof. Fitted with clips, lock, handle, hanging hooks on ends and LED White Light inside. Size 90 x 60 x 11 cm.

MI-64 : Insect Showcase Cabinet (Small)

For Keeping Insect Storage & Display Showcase of Size 45x30x6.5cm. (MI-62-01) Cabinet frame of 19mm. thick plyboard with melamine lamination. Hinged door is provided with lock and handle and is lined with velvet.

- **MI-64-01** Cabinet with 6 Showcases.
- **MI-64-02** Cabinet with 12 Showcases.
- **MI-64-03** Cabinet with 24 Showcases.
- **MI-64-04** Cabinet (M.S. With Powder Coated Paint Finish) with 10 Showcases.
- **MI-64-05** Cabinet (M.S. With Powder Coated Paint Finish) with 20 Showcases.

Wooden   **Mild Steel**

MI-65 : Insect Showcase Cabinet (Large)

Provided with 53x45x9cm Size drawer for keeping insects. Drawer of MDF with MDF sheet bottom and removable glass top is lined with 8mm thick EVA sheet and is glazed white from inside. Strips with provision for insecticide fitted inside drawer. Glass top frame designed to make box air-tight and pest proof. Fitted with index card holder and puller knobs. Nicely polished. Cabinet frame of plyboard with melamine lamination. Hinged door is provided with lock and handle and is lined with velvet.

- **MI-65-01** Cabinet with 12 Drawers
- **MI-65-02** Cabinet with 24 Drawers

Insect Storage/Entomological Equipment

Mobile Insect Storage System

An all new 'VERSATILE' space efficient, elegant looking, sturdy and compact system for insect storage supported with care, safety-privacy vis-à-vis being compact to accommodate large quantity in less space, easy to handle, convenient to monitor-sort.

The system contains Compactor units which can be arranged to suite your requirements, according to the space available and above all can be secured with a single lock.

The metallic compactor units made of mild steel with powder coated paint finish can be moved for handling the specimens and again joined to be locked only on the end unit and all units are secured. Showcases are arranged in rows of 20 each with two rows in each unit. End units are for 40 showcases whereas the intermediate units accommodate showcases back to back, i.e., 80 showcases and again the end unit for 40 showcases.

Intermediate units can be increased as per space requirement.

There are options for showcases, metallic or wooden. Size options of 53x45x7.5cm. or 45x45x7.5cm. or 45x30x6.5cm. with pinning EVA sheet is base, provision for insecticide, puller knobs, index card holder etc.

Insect Storage/Entomological Equipment

VERSATILE INSECT STORAGE SYSTEM.

Consists of four numbers of optimizers placed together. Anyone of the four can be moved to make space between two optimizers. Inside each optimizer, racks are provided for storing 40 numbers of insects showcases of size 53x45x8cm. or 45x45x7.5cm. or 45x30x6.5cm. arranged in two vertical rows. In middle optimizers, storage space in back to back, i.e., middle optimizers are for 80 showcase each and side optimizers for 40 showcases each. Optimizer body is in rigid knock down construction. Made of CRCA sheet and powder coated with epoxy polyester powder. Provided with Sliding glass doors. Undercarriage is a welded frame of HR sheet. Bodies are bolted to undercarriages and these move on channels. Centralized all the units are brought together.

Showcase of MDF with plywood bottom and removable glass top in lined with 8mm thick EVA sheet and is glazed white from inside. Wooden batons with provision for insecticide fitted inside showcase. Glass top frame designed to make box air tight and pest proof. Fitted with index card holder and puller knobs.

2. For Pinning of Insects on Bottom.White hardwood Teakwood with glass in wooden frame on top & MDF Sheet bottom is nicely polished.Bottom lined with 8 mm thick soft pinning, washable EVA Sheet. Inside glazed white. Raised wooden wall with holes for insecticide inside bottom to make box air tight and pest proof. Fitted with brass hinges, index card holder & clips.

3.For pinning of insects both inside top & bottom. White hardwood Teakwood frame with melamine lamination on top & MDF sheet bottom is nicely polished. Top & bottom lined with 8 mm thick soft pinning, washable EVA Sheet. Inside glazed white. Raised wall with holes for insecticide inside bottom to make box air tight and pest proof. Fitted with brass hinges, index card holder & clips.

- **MI-65-03** Size 45x30x6.5 cm (240 Showcases)
- **MI-65-04** Size 53x45x9 cm (240 Drawers)
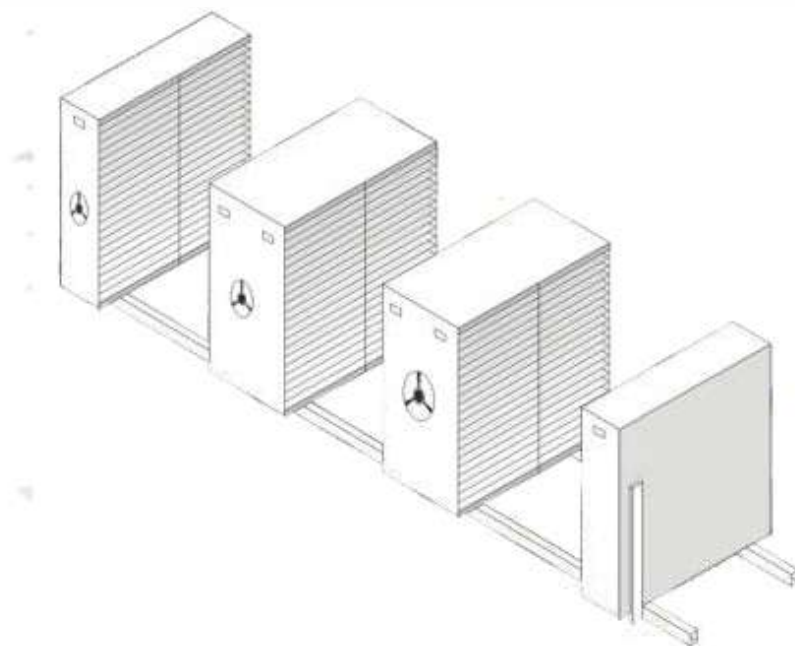
53x45x8cm.	45x45x7.5cm.	45x30x6.5cm.
1	2	3

Insect Storage/Entomological Equipment

MI-66-01 : Insect Box with Stretching Strips

Suitable for taking in field where the insects can be stretched on the spot and can securely be kept inside the box white hardwood/Teakwood frame with melamine lamination on top & MDF sheet bottom is nicely polished. Top & Bottom lined with EVA sheet over which adjustable strips provided for stretching insects. Strips can be fixed at one place with fine screws and fly nuts. Fitted with brass hinges, index card holder, clips and handle.
Size Approx : 43x30x11cm.

MI-67-01 : Insect Stretching Board (Adjustable)

Board adjustable along the support to obtain desired width for different size insects. Board top & groove fitted with 8mm thick EVA sheet. Groove adjustable from 0 to 12mm with the help of fine fly-nuts. Material used is White hardwood / teakwood and finished in natural color polish.
Size : 35 x 12 cm.

MI-68-01 Insect Activity Recorder

Automatic Video tracking System in workspace of $1m^2$ with USB image Processing System and Video tracking Software
OPTIONAL : Desktop PC.
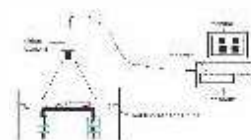
MI-68-02 : Insect Growth Chamber

insect growth chambers provided the ideal environment to stimulate a variety of entomological studies in medium and high volumes. With its wide temperature range of 5°C to 70°C and humidity range from 20% to 98% RH the Insect growth Chambers offer reliable results for insect rearing experts in numerous fields and disciplines. Standard features are incorporated in the design to support insect rearing such as an interior comprised of corrosion-resistant stainless steel that is easily removed without tools for routine cleaning or re-configuration. Insect Growth chambers come standard with phenolic coated coils, protecting interior components and contributing to a long operating life because most insect growth studies, such as the rearing of the fruit fly, create acide secretions.

insect growth chambers come in Different sizes to accommodate medium to high volume applications. They are designed to take up a minimal footprint, allowing the user to most efficiently take advantage of the laboratory floor or bench space. These chambers are carefully engineered to be energy efficient to help lower operating costs.

Temperature Range	5°C to 70°C
Temperature Control	±0.1°C
Temperature Sensor	3-wire RTD
Humidity Range	20 to 98% RH
Humidity Control	±2% RH
Humidity Sensor	Capacitive
Exterior Construction	Cold Rolled Steel, Powder Coated
Interior Dimensions	545mm x 655mm x 755mm
Interior Construction	304, 2B Finish, Solid Stainless Steel

MI-68-03 : Insect Growth Chamber (3 Compartments)

Insect Storage/Entomological Equipment

MI-69: Insect Collecting Net

Ring made of galvanized wire supported on handle with fine rubber grip at end, length of handle 75cm. 75cm long net bag fitted in ring through 5cm wide cloth rim. Dia of bag at free end 20cm. Ring dia 30cm.

- **MI-69-01**   **Insect Collecting Net with Aluminium Pipe Handle in powder coated paint finish.**
- **MI-69-02**   **Insect Collecting Net with Iron Pipe Handle in powder coated paint finish.**
- **MI-69-03**   **Insect Collecting Net with Wooden Handle.**
- **MI-69-04**   **Spare Net Bags for Insect Collecting Nets, Muslin/Nylon/Synth.**

Insect
Collecting Net

MI-69-05

MI-69-05: Insect Collecting Net 'Executive'(Telescopic)
Insect Collecting Net, Executive, with Telescopic Handle adjustable from 55cm to 180 cm. 75cm long nylon net bag fitted in ring through 5cm wide cloth ring. Dia of bag at free end 20cm and ring dia 30cm. Provided with carry bag.

MI-69-06: Insect Collecting Net with Folding Ring
Folding ring made of galvanized wire, 75cm long net bag fitted in ring through 5cm wide cloth rim. Dia of bag at free end 20cm. Ring dia 30cm. Supported on aluminium handle with fine rubber grip at end, length of handle 75cm.

MI-69-07: Insect Collecting Net, Dual Purpose
Ring made of galvanized wire, 75cm long net bag fitted in ring through 5cm wide cloth rim. Dia of bag at free end 20cm with anti tear cotton cloth. Ring dia 30cm. Supported on aluminium handle with fine rubber grip at end, length of handle 75cm.

MI-69-08: Insect Collecting Net, Triangle Type
30cm Triangle ring made of galvanized wire, 35cm long net bag fitted in ring through 5cm wide cloth rim. Supported on aluminium handle with fine rubber grip at end, length of handle 75cm.

MI-69-06   MI-69-07   MI-69-08

MI-70-01: Student Plankton Net

Made of No. 12 standard silk bolting cloth, 125 mesh per sq. Inch. 89 cm. long net bag suspended by muslin reinforcement to a 24 cm. dia ring. Three braided leaders attached to swivel front. Tail of bag with 2 cm. Opening closed by tying cloth tape for placing glass vial.

Insect Storage/Entomological Equipment

MI-70-02 : Zooplankton Net

Plankton Net. Diameter entrance : 130mm, ring dia. 180mm, includes bucket, meshes & Front demountable, available in 4 sizes : 63, 80, 150, 250 um. Big bag.
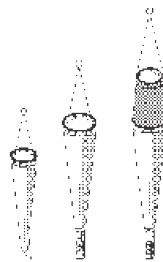
MI-70-03 : Spare Bag for Zooplankton Net, 80/150/250 mesh size

MI-70-04 : Surber Stream Bottom Sampler

Surber Stream Bottom Sampler. 23cm. diameter where net collar meets net filter. 60cm. long from collar to filter, folds flat storage, Open base encloses area of 30x30cm. (one square foot), available in 500 micron mesh, stainless steel frame for maximum corrosion resistance.
Size 30x30cm.

MI-71: Aquatic Net

Removable, rigid D-shape frame 30cm across, mesh bag with thick cloth rim. 75cm iron pipe powder coated paint finish handle with rubber grip at end.

- **MI-71-01**   Aquatic Net, D-Shape
- **MI-71-02**   Aquatic Net, Triangle Shape
- **MI-71-03**   Aquatic Net, Rectangular Shape
- **MI-71-04**   Aquatic Net, Round Shape
- **MI-71-05**   Telescopic Handle for Aquatic Nets

MI-72-01 : Field Collection Bag

Fine quality water proof canvas bag with shoulder and back straps. Pockets on sides and front for bottles and specimen collection accessories and records.

Accessories :-
- Insect Collecting Net with Handle - 1 no.
- Specimen Glass Jar - 1 no.
- Reagent Bottle - 1 no.
- Writing Pad - 1 no.
- White Thread with needle - 1 no.
- Dissecting Kit - 1 set
- Cotton
- Rubber Band - 1 pkt
- Specimen Tube - 12 nos.
- Bag - 1 pc

Insect Storage/Entomological Equipment

MI-72-03 : Field Collection Bag (Executive)

Fine quality water proof canvas bag with shoulder and back straps. Pockets on sides and front for bottles and specimen collection accessories and records.

Accessories :-
- Insect Collecting Net with Handle - 1 pc
- Insect Storage Box - 1 pc
- Insect Stretching Board - 1 pc
- Insect Pins - 1 Pkt.
- Specimen Glass Jar - 1 no.
- Reagent Bottle - 1 no.
- Writing Pad - 1 no.
- Pen / Pencil - 1no.
- White Thread with needle - 1 no.
- Dissecting Kit - 1 set
- Cotton
- Rubber band - 1 pkt.
- Bug Viewer - 1 no.
- Aspirator - 1 no.
- Specimen Tube - 12 nos.
- Bag - 1 no.

MI-72-04 : Sorting Tray, Plastic

For sorting specimens of same population for individual examination.
Made of moulded polystyrene.
Cap. 96 wells

MI-72-05 : Teasing Needle, Straight (S.S.)

MI-72-06 : Teasing Needle, Bent (S.S.)

MI-72-07 : Insect Killing Jar

500ml Glass Jar with bakelite screwing cap and absorbent plaster in base, without chemical.

MI-72-08 : Altimeter.

Round, dial type, range 0-5000 meters.

Insect Storage/Entomological Equipment

MI-72-11 : Aspirator

Polycarbonate vial with cap. Two Clear tubes, one straight and one bent, Rubber tubing on straight tube for sucking purpose.

MI-72-12 : Insect Specimen Mailing Box

Card-board box covered with white glazed paper provided with EVA sheet in base for pinning of insect specimens. Top pull removed.
Size : 15x10x5cm.

MI-72-13 : Dissecting Tray

Dissecting Tray with wax or 8mm EVA Sheet
Size : 30x23x5cm.

MI-72-14 : Dissecting Kit

With dissection tools like Forceps. Scissor, Magnifying glass, Needle, Spatula, Surgical blade, Handle.

MI-73: Entomological Pins (Imported)

Pack of 100 Pins Approx. Available in different sizes:-
No. 000   Size 0.38 x 0.25mm
No. 00   Size 0.38 x 0.30mm
No. 0   Size 0.38 x 0.35mm
No. 1   Size 0.38 x 0.40mm
No. 2   Size 0.38 x 0.45mm
No. 3   Size 0.38 x 0.50mm
No. 4   Size 0.38 x 0.55mm
No. 5   Size 0.38 x 0.60mm
No. 6   Size 0.38 x 0.65mm
Minuten Pins

MI-73-01   : Entomological Pins (Black Enamel Coated)
MI-73-01A : Entomological Pins (S.S.)

MI-73-02 : Insect Pinning Block, Step type

Made of hardwood with holes at 25mm , 12mm & 7.5mm.

Insect Storage/Entomological Equipment

MEDILAB

MI-73-03 : Entomological Pin Storage Block, Round Type

Round, hardwood block with eight holes for pins.

MI-73-04 : Curator Block

Hardwood block with provision for keeping insect pins, labels, points and other small tools. Bottom section having holes for pins and block section has holes for forceps, scissors etc.

MI-73-05 : Pin Vice

Hardened steel, length approximately 90mm, to hold insect pin with diameter 0-0.40mm. Very useful for dissection under microscope.

MI-74 : Insect Light Trap

Made of mild steel, well painted. With a box at the bottom for placing killing bottle/tray. Length of funnel 30cm, diameter of funnel at the tail end 5cm, Size of box 40x40x25cm. Funnel coming into box for convenient collection of trapped insects into the tray. Provided with a shade to cover the whole equipment. Supports for stout construction and 5 meter long electric cord.

- **MI-74-01**   Insect Light Trap with Electric Bulb
- **MI-74-02**   Insect Light Trap with Electric Bulb & Battery
- **MI-74-03**   Insect Light Trap with 10 watt CFL Tube
- **MI-74-04**   Insect Light Trap with CFL Tube & Battery
- **MI-74-05**   Insect Light Trap with 15 watt U.V. Tube
- **MI-74-06**   Insect Light Trap with U.V. Tube & Battery

MI-74-08 : Insect Light Trap (Barles Type)

Funnel tip inner side provided with wire mesh over which wet soil containing insects is kept. Electric bulb provided to dry the soil. Height of bulb adjustable. A bottle is provided below the funnel for collection of insects.

MI-74-09 : Light Trap for Moth with Mercury Bulb

Made of mild steel with a box having holes in bottom. Funnel over box to guide trapped Moth into the box. Tray provided under the box for collection of trapped moth. Mercury bulb provided on top of the funnel.

Insect Storage/Entomological Equipment

MI-74-11 : Trap for Fruit Files

Conical net fixed in double rings to suspended upside down. Another double ring provided in centre with wires to suspend sweet material to attract fruit flies. Thick polythene sheet with a 8 cm hole fixed in lower ring.

MI-74-12 : Pheromone Trap

Plastic funnel with shade and polythene tube for collection of specimens. Diameter of funnel 11cm.depth.8cm.

MI-74-13 : Pit Fall Trap

Two plastic containers placed in the ground. The rim is flush with earth surface. Specimens are collected in the upper container funnel which can be removed when needed. Bottom container remains fixed in the ground.

MI-74-14 : Yellow Sticky Pan

MI-74-15 : Yellow Sticky Trap

Insect Light Trap (Plastic)

MI-74-16 Insect Light Trap Plastic, Folding, for field use, with Bulb
MI-74-17 Insect Light Trap Plastic, Folding, for field use, with CFL tube
MI-74-18 Insect Light Trap Plastic, Folding, for field use, with UV Light
MI-74-19 Rechargeable Battery, with charger (for Light Trap)

Insect Storage/Entomological Equipment

MI-74-20 : New Jersey Light Trap (Imported)

Body & top made of stainless steel. Provided with a fan and 25-Watt lamp. A chain for hanging. 30 x 30 mesh stainless steel interior funnel and ¼" mesh excluding screen provided. Trapping container is a polypropylene jar. Overall height is 60cm. top is 38cm. trap cylinder is 24cm.
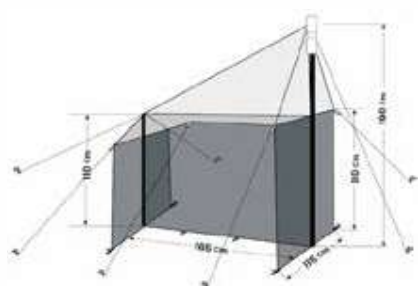
MI-74-21 : Malaise Trap

Designed to efficiently trap a wide range of flying insects. Black polyester no-see-um fabric (96 x 26 mesh / square inch) for interception area and white mesh fabric for canopy, catches minute insects, including parasitic wasps. The interception area, i.e., the central panel is 165x110cm. By placing collection tray underneath the interception area, it can be used as window trap to collect the insects/beetles which drop or fly down after hitting an obstruction. The trap is equipped with one 500ml collecting bottle with screw cap. Provided with tent pegs, guy ropes and support poles.

MI-74-22 : Insect Light Trap Folding (Plastic) with Mercury Bulb

- A secure method to protect crops from insect pests without using chemical pesticides.
- Traps adult insects of both sex thus eliminating chance of their breeding.
- Completely safe. No. Pollution, no harmful effects.
- Option to use multiple type of lights, e.g., Blue CFL,Mercury Blub etc. depending upon specific crop pests.
- Economical. Only one unit sufficient for 1-2 acre crop area. Consume very less electricity.
- Almost zero maintenance.

MI-75 : Insect Cage

Aluminium angle framework supported on wooden batons. Fine mesh provided on sides and top. Hinged door provided on side or top. Hinged door provided with clips for tight closing. Wooden bottom covered with sunmica from inside.

- **MI-75-01**   Size :   15x15x15 cm.
- **MI-75-02**   Size :   20x15x15 cm.
- **MI-75-03**   Size :   25x20x20 cm.
- **MI-75-04**   Size :   20x20x20 cm.Folding Type
- **MI-75-05**   Size :   30x30x45 cm.

Insect Storage/Entomological Equipment

MI-75-06 : Bio-agent Cage (Acrylic)

Made of transparent acrylic sheet. Front & Both sides with 15 cm round opening in the centre with white thick muslin cloth sleeves. Front opening with tight fitting support on transparent acrylic batons.
Size : 30x30x30cm.

MI-75-07 : Insect Cage, Round Shape (Acrylic)

Insect breeding cage consisting of a base and lid of high impact polystyrene and a heat resisting cylinder which allow the cage to be sterilized.
Size: 45x15 cm.

MI-76-01 : Breeding Nest for Flies

Teakwood frame finished in spirit polish. 4mm thick glass on top and fine wire mesh on three sides. Front with 13 cm. rounded opening in the centre with black cloth sleeve. On right side a plumbic pipe fitted for collection of flies.
Size: 45x45x45 cm.

MI-77 : Brown Plant Hopper Insect Rearing Cage

Framework of seasoned teakwood, nicely polished. Front door and top provided with non rattling glass and back & two sides with nylon wire screen supported by fine wire mesh. Wooden base covered with laminated sheet from inside.

MI-77-01 : Size: 45x45x55cm.
MI-77-02 : Size: 60x60x80cm.

Green Leaf Hopper Insect Rearing Cage

Framework of seasoned teakwood, nicely polished. All three sides and top provided with nylon wire screen supported by fine wire mesh mosquito proof. Front side divided into two doors, lower door solid wooden and upper door with nylon screen supported by wire mesh. Wooden base covered with laminated sheet from inside.

MI-77-03 : Size: 45x45x65cm.
MI-77-04 : Size: 60x60x90cm.

Insect Storage/Entomological Equipment

MI-78-01 : Rat & Mosquito Cage

Made of aluminium angle framework supported on wooden batons. Provided with fine wire mesh on sides. Wide wire mesh partition in the centre to facilitate mosquitoes pass into other portion. On one side a round opening with black cloth sleeve and on other side a sliding window with drop closure provided in centre . Size: 45 x 30 x 30 cm.

MI-78-02: Mosquito Breeder

Two plastic jars joined with screwing caps. Funnel provided upside down on upper jar. Water with mosquito larvae placed in bottom jar and emerging adults fly into the upper portion. Mesh hole provided on top for respiration.

MI-79-05 : Animal Cage Polyproplylene with S.S.Grill & Water Bottle

Mice / Rat breeding cage. Easy to clean cage made of high grade polypropylene. Sufficient ventilation in the cage through Stainless steel wire top securely fixed to the cage with tight closing clips. Space in the grill for placing water bottle and food items. Size : 43.5 x 29 x 15 cm.

MI-80 : Corcyra Cage

Made of MDF/ Waterproof plywood planks. Top lids fits well in the main box and detachable. Lid provided with 20 mesh iron wire mesh on both sides secured with beeding. Provided with handle on side. Well finished.

- MI-80-01   Size : 43x23x12 cm.(MDF)
- MI-80-02   Size : 38x38x10cm.(Waterproof Plywood)

MI-80-03 : Moth Breeding Cage

Round Shape. A fine mesh cage for rearing moth. The cage can be fitted over a potted plant. Larvae feed on fresh leaves.

MI-80-04 : Moth Mating Cage

Insect Storage/Entomological Equipment

MI-81-01 : Breeding Nest for Chrysopa

Teakwood frame with silk screen net on sides and collapsible cover on side. Cover can be fixed in position with help of lever. Top sliding plank of MDF covered with black cloth from inside and spirit polished from outside. A spare plank supplied for replacement. Combs for removal of insect from plank. Beautiful spirit polish finish. Size: 60x60x30cm.

MI-81-02 : Corcyra Egg Laying Cage

Frame made of MDF sheet planks. Fine wire mesh provided on top and bottom fitted with 3mm dia hole wire mesh. On one corner on top, a rounded opening 3 cm dia is provided which can be closed with wooden plug. On one side a rounded opening 11 cm with an arrangement for drop closure with the help of MDF sheet cover is provided for manually put in and taking out the material. Size: 35 x 25 x 18 cm.

MI-84-01 : Corcyra Rearing System

Fabricated of iron angle frame. For keeping crushed jowar, 13 Nos. of mild steel trays of size 45 x 45 x 5 cm. are provided. Funnel shaped tray at the bottom for taking insect to the collection container. Beautifully painted. Transparent polythene sheet and black colour rexian cloth for covering the structure.

Insect Storage/Entomological Equipment

MI-86-01 : Box for Glass Specimen Tubes

White hardwood / Teakwood frame with melamine laminated top & MDF sheet bottom is finished in spirit polish. Top and bottom lined with foam to protect specimen tubes from jerks. Fitted with hinges, clips and index card holder. Thick MDF sheet with 150 apertures for 1/2" dia (5ml, Size 50x15mm) tubes fixed inside.

Cabinet for Boxes of Specimen Tubes

For keeping RI-86-01, Cabinet frame of 19mm ply board finished with laminated sheet. Hinged door is provided with lock and handle and is lined with velvet.

- MI-86-02   Cabinet with 6 Boxes for 50x15mm tubes
- MI-86-03   Cabinet with 12 Boxes for 50x15mm tubes

MI-86-04 : Insect Specimen tube (Small)

Made of Borosilicate glass and screw cap. Size 50x15mm.

MI-87-01 : Insect Specimen Tube Box

Teakwood frame with MDF sheet top & bottom is finished in spirit polish. Fitted with hinges, clips and index card holder Hard board sheet with 20 apertures for 75 x 25 mm specimen tubes fitted inside.

MI-87-02 : Insect Specimen Tube Cabinet

Capacity 500 specimen tube of 75 x 25m m size. Cabinet frame of plyboard with melamine lamination. Hinged door is provided with lock and handle and is lined with velvet. Provided with 5 drawers each for 100 specimen tubes.

MI-87-03 : Specimen Tube (Glass)

Made of Borosilicate glass with screw cap.
Size: 75x25mm.

MI-87-04 : Specimen Tube (Polycarbonate unbreakable) Size 75x25mm.

Made of Polycarbonate glass with screw cap.
Size: 75x25mm.