

**Product Name :**  
Laminar Air Flow Horizontal**Product Code :**  
EEP0017**Description :**

Laminar Air Flow Horizontal, Lab Balances and Scales

**Technical Specification :**

Laminar Air Flow Horizontal The bench is made of thick ply board, and reinforced with teak wood where every necessary. All visible surface are laminated with white decolam Lamination. All interior surfaces are painted with air drying Epoxy paint. The filter seat has rubber padding for a perfect rubber to rubber sealing. The Front & side panels are made of Perspex sheet.

At the delivery end, the unit is provided with Super Air H.E.P.A. Filters, Comprising of non-woven microfibre glass pleated media. The pleats are separated by corrugated aluminium foil separators. Initial pressure drop is less then 25mm W.C. at rated flow D.O.P. efficiency is better than 99.97% down to 0.3% microns particle size. The HEPA Filters are protected by a plastic/Aluminium grill.

The unit is illuminated by fluorescent tube lights and is designed to provide a work area conforming to Class 100 of revised US Federal Standard 209B.

Laminar Flow Cabinets are self-contained workstation units available in either horizontal or vertical laminar flow models. They can be placed within a clean room to create an ultra-clean environment or used to provide an individual clean air environment for small items not requiring a full-size Clean room...

**FEATURES :-**

Wooden/M.S Duley Power Coated /Stainless Steel Body.

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HEPA Filter

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Pre-Filter

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Blower (Motor Blower Assembly)

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U.V. Light

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Fluorescent Lamp

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Operating Switch

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Pressure Gauge (Manometer)

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**Stainless Steel Table**

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High quality HEPA filter provides protection for the product (filtration efficiency of more than 99.97% at 0.3 micron.

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Ultra-quiet noise level of not more than 65 dBA.

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Durable and easy to clean stainless steel work.

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Cock for gase or vacuum line.

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Work area properly illuminated by diffused glare free fluorescent light.

**OPTIONAL ACCESSORIES :-**

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Particle Dust Count-Validation at site.

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Timer for U.V. Lights.

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Speed Regulator

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Caster Wheels.

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Magnahelic Manometer.

**SPECIFICATIONS:-**

Standard Size (Working Area) x 2?

90 ± 20% (Average)

Main Filter HEPA Filter

Pre-filter: Washable non-woven polyester fibers.

Main Filter Efficiency 0.3 micron

Pre-filter: Arrestance 90%, at 10 microns

Weld Steel

Noise 65 dBA

Flow 1000 cfm

220V Single Phase 50 Hz.

## Electrical and Electronics

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