



# HORIZONTAL LAMINAR AIRFLOW BLHZ-103

## HORIZONTAL LAMINAR AIRFLOW BLHZ-103

Compact design required for operations in an ultra clean, dust free environment. Ideal for laboratory applications where product protection is required. Small size saves precious laboratory space. Contains ultra thin filter including static pressure box without separator. Larger space permits working with laboratory equipments within the workspace. Used in Bioscience, Food processing, Pharmaceuticals, Aerospace, Medical research Laboratories, Hospitals, Research. Also known as Minimal-Turbulence Air Flow, Laboratory Laminar Flow, Clean Bench, Laboratory Laminar Air Flow, Laminar Flow Cabinet, Tissue Culture Hood, Laminar Air Flow Cabinet, Laminar Flow Cabinet, Laminar Flow Hood, Laminar Flow.

## BLHZ-103 HORIZONTAL LAMINAR AIRFLOW

Stainless steel operation table and glass side baffle  
Ultra-thin filter without separator with small size static pressure box  
Pre-filter can be disassembled conveniently increasing the life of HEPA filter  
Wind speed can be adjusted by touch switch  
Aluminium alloy shutter for fresh air intake

## SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Model                     | BLHZ-103                                |
| Type                      | Horizontal Laminar Flow                 |
| Air Cleanliness           | Class 100 @ $\geq 0.3 \mu\text{m}$      |
| Average Air Flow Velocity | 0.3 m/s-0.6 m/s                         |
| HEPA Filter               | 99.999% efficiency at 0.3 $\mu\text{m}$ |
| HEPA Filter Dimension     | 820x600x50 mm                           |
| UV Lamp                   | 40Wx1                                   |
| Fluorescent Lamp          | 40Wx1                                   |
| Illumination              | $\geq 320$ lux                          |
| Caster                    | Yes                                     |
| Chamber Material          | Powder Coated Steel Plate               |
| Work table                | Stainless Steel 304                     |
| Standard Accessory        | Power Cord                              |
| Work Surface Height       | 600 mm                                  |
| Internal Size             | 1680Wx480Dx600H mm                      |
| Overall Dimension         | 1760x700x1450 mm                        |
| Noise Level               | $\leq 62$ dB(A)                         |
| Weight                    | 200 kg                                  |
| Power                     | 800 W                                   |
| Power Supply              | 220 V, 50 Hz                            |

## ACCESSORIES

| Accessory Code | Name                           | Unit | Description |
|----------------|--------------------------------|------|-------------|
| 2800606006     | Horizontal Laminar clean bench | 1    |             |
| 2800606007     | Power cord                     | 1    | AC220V 60Hz |
| 2800706006     | Wheel                          | 4    |             |
| 2800606008     | Fuse - 5A                      | 5    |             |

|            |                         |   |  |
|------------|-------------------------|---|--|
| 2800708006 | Fluorescent lamp - 40 W | 1 |  |
| 2800708007 | Ultraviolet lamp - 40 W | 1 |  |



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