GENERAL LABORATORY, FORENSIC & PHARMACEUTICAL

Horizontal Laminar Flow Cabinets

Laminar flow cabinets prevent contamination of semiconductor wafers, pharmaceutical products, biological samples, and other particle sensitive materials.

The working area is protected from dust and airborne contaminants as filtered air is drawn through a HEPA filter and blown in a unidirectional (laminar) flow towards the user. The workbench is made from stainless steel, so that it can be easily cleaned and less prone to corrosion.

The BSE-OPIRA-H1100 / H1500 / H1800X come with a UV-C germicidal lamp and HEPA filter to sterilise the work area.

OPIRA-H1100 / OPIRA-H1500 / OPIRA-H1800X features:

- Designed and manufactured to comply with AS 2252.6-2011 Controlled environments Clean workstations - Design, installation & use

- Microprocessor control system - LED display

- 2 x waterproof power sockets, located in the top panel for optimum convenience when using small devices inside the cabinet

- Transparent side glass windows maximise light and visibility inside the cabinet

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Technical Specifications

Model	BSE-OPIRA-H1100	BSE-OPIRA-H1500	BSE-OPIRA-H1800X
External size (W*D*H)	1100 x 808 x 1025mm	1500 x 808 x 1025mm	1800 X 808 X 1025mm
Internal size (W*D*H)	1000 x 500 x 600mm	1400 x 500 x 600mm	1700 x 500 x 800mm
Work Surface Height Display Air Velocity	750mm LCD Display Average of 0.3~0.5m/s		
Material	Main body: cold-rolled steel with anti-bacterial powder coating Work table: 304 stainless steel Side and front windows 5mm toughened glass, anti-UV (BBS-H1300-BBS-H1800) Side windows 8mm toughened glass, anti-UV (BBS-H1500)		
Pre-filter HEPA Filter	Polyester fibre, washable 99.999% efficiency at 0.3µm		
Noise LED Lamp	<65dB 12W*1	<65dB 16W*1	<65dB 16W*2
UV Lamp	20W*1	30W*1	20W*2
	Emission of 253.7 nanometers		
Consumption Waterproof Socket	200W 2 x total load ≤500W	300W 2 x total load ≤500W	400W 2 x total load ≤500W
Casters	Universal casters with leveling feet		
Power Supply	AC220V±10%, 50/60Hz		
Base Stand Height	675mm ± 5mm	675mm ± 5mm	680mm ± 5mm
Standard Accessories	LED lamp, manual adjustable base stand, UV lamp x 2. waterproof power sockets x 2		
Optional Accessories	Electric height-adjustable base stand, IV Bar and Hooks, hook x 10		
Net Weight	100kg	150kg	175kg