

# Vertical Laminar Flow Benches

Laminar flow benches 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 BSE-OPIRA V800 features:

- Designed and manufactured to comply with AS 2252.6-2011 Controlled environments Clean workstations - Design, install and use
- UV-C lamp with 253.7 nanometers for efficient decontamination



# Technical Specifications

MODELS	BSE-OPIRA-V800	BSE-OPIRA-DDC	BSE-OPIRA-SDC
External size (W*D*H)	802 x 650 x 1550 mm	1060 X 620 X 1850mm	1460 x 620 x 1850mm
Internal size (W*D*H)	800 x 600 x 540 mm	935 x 530 x 650mm	1335 x 530 x 650mm
Work surface height	660mm	750mm	750mm
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable		Average of 0.3~0.45m/s, air speed adjustable
Display	LED display		
Noise	≤60dB		
Material	Main Body	Cold-rolled steel with anti-bacterial powder coating	
	Work Table	304 stainless steel	
	Front Window	Manual, 5mm toughened glass anti-UV	
Max opening	490mm	400mm	400mm
Pre-filter	Polyester fibre, washable		
HEPA filter	99.999% efficiency at 0.3µm		
Illuminating lamp	LED 8W*1	LED 12W*1	LED 16W*1
UV lamp emission of 253.7 nanometers	20W*1	20W*1	40W*1
Consumption	350W	150W	250W
Standard Accessories	LED lamp, UV lamp x 2, manual adustable base stand		
Optional Accessories	Electric height adjustable base stand		
Casters	Universal wheel with leveling feet		
Power Supply	AC220V±10%, 50/60Hz 110V±10%, 60Hz		
Gross Weight	116kg	185kg	231kg
Package size (W*D*H)	960 x 800 x 1800mm	1240 x 900 x 1350mm	1640 x 900 x 1350mm