

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 OPA 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		OPA-V800	OPA-DDC	OPA-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