OPIRA-V1300 / OPIRA-V1800
Vertical Laminar
Flow Cabinets

opira.com.au

Accredited for compliance with ISO/IEC 17025-testing
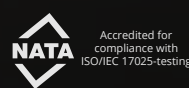
Laminar flow cabinets prevent contamination of semiconductor wafers, pharmaceutical products, biological samples, and other particle-sensitive materials. The working area is protected from dust and airborne contaminants as filtered air is drawn through a HEPA filter and blown in a unidirectional (laminar) flow towards the user.

The workbench is made from stainless steel so that it can be easily cleaned and less prone to corrosion. The OPIRA-V1300 / OPIRA-V1800 features:

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

- LCD - with quick display for airflow velocity, UV timer, UV work time, systems work time and real-time

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

- UV-C lamp with 253.7 nanometers for efficient decontamination

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

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Opira GROUP

Technical Specifications

MODELS			OPIRA-V1300	OPIRA-V1800
External size (W*D*H)			1300 x 750 x 2040 mm	1800 x 750 x 2040 mm
Internal size (W*D*H)			1200 x 645 x 160 mm	1700 x 645 x 610 mm
Max opening			430mm	
Airflow Velocity			Average of 0.3~0.5m/s	
Work surface height			750mm	
Display			LCD display	
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	
Front window			Motorised	
Pre-filter			Polyester fibre, washable	
HEPA filter			99.999% efficiency at 0.3μm	
Noise			≤65dB	
LED lamp			12W*1	16W*1
UV lamp - Emission of 253.7 nanometers			30W*1	40W*1
Consumption			400W	450W
Waterproof socket			2x, total load: ≤500W	
Power supply			AC220V±10%, 50/60Hz 110V±10%, 60Hz	
Standard Accessories			LED lamp, UV lamp x 2, base stand, gas tap, waterproof socket x 2	
Optional Accessories			Electric height adjustable base stand	
Gross Weight			228kg	306kg
Package size (W*D*H)			1460 x 1070 x 1650mm	1960 x 970 x 1600mm

Our products have been designed and tested to comply with all applicable ACMA regulatory requirements and bear the RCM mark.

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