

GENERAL LABORATORY,
FORENSIC & PHARMACEUTICAL



Opira Biological Safety Cabinets Designed for the Australian Market

Twin fan / Twin plenum - easily exceeds Australian test standard AS2252.2



*7" colour touch screen with simple,
intuitive display and airflow alarms*

*Supported by Opira's NATA
accredited service technicians*

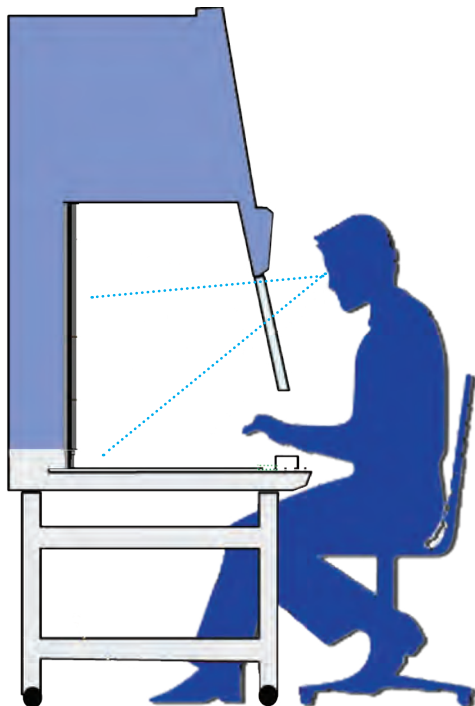
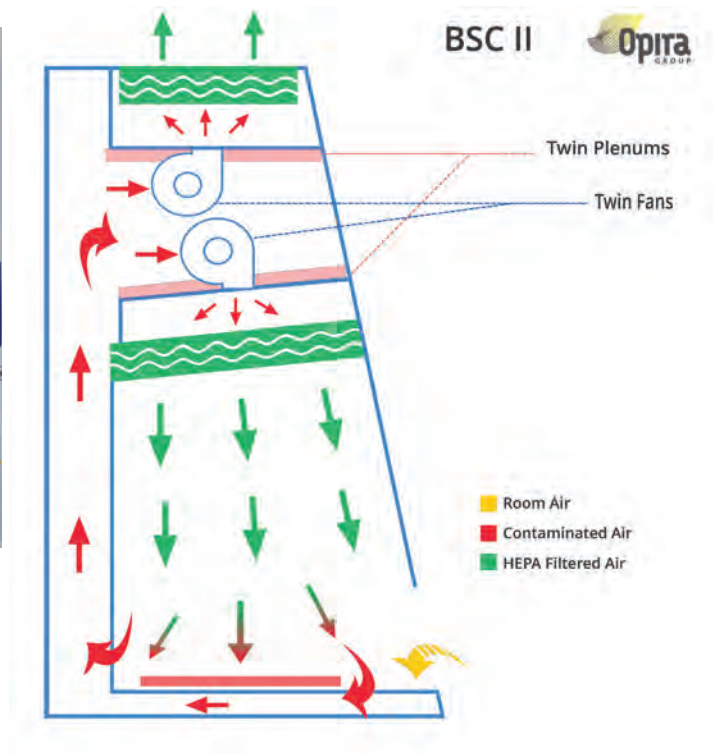
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Twin Fan / Twin Plenum

Advantages

- Specifically designed to exceed the rigorous Australian Smoke Barrier Test AS2252.2
- Easy to access HEPA filters and service area
- Automatic and manual control of glass front sash
- Twin EC centrifugal fan motors with separate exhaust and supply fans for superior performance
- 7" colour touch screen with simple, intuitive display
- 30W UV lamp supplied as standard
- 316 stainless steel worktop
- Memory function for power outage
- Clear warning alarms for airflow variations



Technical

Model	OPA-INA2-900	OPA-INA2-1200
External Size (WxDxH)	1073 x 815 x 1630 mm	1388 x 815 x 1630 mm
Internal Size (WxDxH)	900 x 605 x 660 mm	1210 x 605 x 660 mm
Max Opening	500 mm	
Tested Opening	Safety Height 200 mm	
Airflow Volume	Inflow ≥ 402 m ³ /h Down Flow 670 -753 m ³ /h Exhaust ≥ 402 m ³ /h	Inflow ≥ 462 m ³ /h Down Flow 893-1004 m ³ /h Exhaust ≥ 462 m ³ /h
Front Window	Motorised and manual combined. Two-layer laminated toughened glass ≥ 5 mm. Anti UV	
HEPA Filter	930 x 500 x 90 American Air Filter H14 glass fibre filter paper, initial resistance of approximately 90Pa	1240 x 500 x 90 American Air Filter H14 glass fibre filter paper, initial resistance of approximately 90Pa
Noise	≤ 60 dB	
Illumination	≥ 1000 Lux	
Display	7-inch large touch colour display	
Splashproof Power Outlet	2, Total consumption ≥ 500 W	
Ground Resistance	$\leq 0.10 \Omega$	
Power Supply	AC220V $\pm 10\%$, 50/60Hz; 60Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	800 W	
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height; UV unsafe	
Fan Motor	TWO EC motor fans (220v). Speed adjustable, high efficiency and low power consumption	
Material	Working area: 316 stainless steel/Frame and Decorative Plate: cold-rolled steel with anti-bacterial powder coating	
UV Lamp	20 W x 1	30 W x 1
Standard Accessories	Germicidal UV lamp, 2 Electrical sockets, 2 LED lamps and Manual adjustable stand	
Optional Accessories	Electric foot pedal, Armrest, Airflow testing, IV bag rail and stands, Electric height adjustable base stand, Stainless steel water tap, Stainless steel gas faucet, Footrest	
Gross Weight (kg)	300 kg	355 kg

Specifications

Model	OPA-INA2-1500	OPA-INA2-1800
External Size (WxDxH) mm	1673 x 815 x 1630 mm	1873 x 815 x 1630 mm
Internal Size (WxDxH) mm	1500 x 605 x 660 mm	1700 x 605 x 660mm
Max Opening	500mm	
Tested Opening	Safety Height 200mm	
Airflow Volume	Inflow ≥ 670 m3/h Down Flow 1100-1239 m3/h Exhaust ≥ 670 m3/h	Inflow ≥ 760 m3/h Down Flow 1246-1401 m3/h Exhaust ≥ 760 m3/h
Front Window	Motorised and manual combined. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter	1530 x 500 x 90 American Air Filter H14 glass fibre filter paper, initial resistance of approximately 90Pa	1730 x 500 x 90 American Air Filter H14 glass fibre filter paper, initial resistance of approximately 90Pa
Noise	≤60dB	
Illumination	≥ 800 Lux	
Display	7-inch large touch colour display	
Splashproof Power Outlet	Total consumption ≥ 500w	Total consumption ≥ 500w
Tap	1 x water and 1 X gas taps	
Ground Resistance	≤0.10 Ω	
Power Supply	AC220V±10%, 50/60Hz; 60Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	2000W	
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height; UV unsafe	
Fan Motor	THREE EC motor fans (220v). Speed adjustable, high efficiency and low power consumption	
Material	Working area: 316 stainless steel/Frame and Decorative Plate: cold-rolled steel with anti-bacterial powder coating	
UV Lamp	40W x 1	
Standard Accessories	Germicidal UV lamp, 2 Electrical sockets, 2 LED lamps and Manual adjustable stand	
Optional Accessories	Electric foot pedal, Armrest, Airflow testing, IV bag rail and stands, Electric height adjustable base stand, Stainless steel water tap, Stainless steel gas faucet, Footrest	
Gross Weight (kg)	380kg	400kg

Accessories

Opira supply a number of accessories to compliment our laboratory range of cabinets all designed with end-user comfort in mind and for use with biosafety cabinets, laminar flow cabinets, fume hoods and other laboratory equipment.



- Heavy load and smart balance
- Smooth running speed and low noise
- Concise and easy to operate
- Low maintenance cost
- Easy to install and disassemble
- Max adjustable movement 400mm
- Customisable width adjustment
- Flexible for use with a variety of laboratory equipment

Electric Height Adjustable Base Stand

Model Adjustment	100	150	200	250	300	350	400
Height of Min.height (mm)	440	490	540	590	640	690	740
Base Stand Max.Height (mm)	540	640	740	840	940	1040	1140
Max Load	400kg						
Load Speed	5mm/s						
Working Frequency	10%, max continuous working time is 2 minutes						
Noise	<65dB						
Work Temperature	-26°C~-65°C						
Material	Pedastal: 3.0mm steel Lifting Rod: Aluminum alloy						
Power Supply	AC220V+10%, 50/60Hz; 110V+10%, 60Hz						
Controller Consumption	100~200W						
Caster	Footmaster Caster						
Applications	Biosafety cabinet, laminar flow cabinet, fume hood and other laboratory equipment						



Water and Gas Taps



Arm Rests

We provide exceptional after sales care, and annual accreditation by our team of qualified professionals.



View more of the Opira range



Horizontal Laminar Flow



PCR Cabinet



Vertical Laminar Flow



Compounding Hood



Downflow Booth



Dispensing Booth



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