

Biological Safety Cabinet

Twin Fan - AS2252.2 Compliant

ADVANTAGES:

- Motorized and manual combined front window.
- Large Touch LCD control, airflow display, warning alarms, HEPA.
- Easy to adjust airflow with filter loading alarm, (Password protected).
- Memory function in case of power-failure.
- Side & back wall is made up of single piece stainless steel.
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
- Twin EC centrifugal fan motors, separate exhaust and supply fans enabling continued compliance with air barrier test AS1807.22.
- AAF H14 HEPA filters 99.995% Efficiency @ MPPS.
- Adjustable front opening stabiliser arms for easy fumigation setup.
- Built to Australian Standard AS2252.2.
- Work zone integrity air barrier design.
- RCM Certified.



TECHNICAL PARAMETERS:

Model	BSC-INA2-4F
External Size (WxDxH)mm	1430 x 815 x 1620 (2300mm with stand)
Internal Size (WxDxH)mm	1210 x 605 x 660
Working Surface Height	750mm
Max Opening	500mm
Tested Opening	Safety Height 200mm

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Model	BSC-INA2-4F
Airflow Volume	Inflow ≥ 462 m ³ /h Down Flow 863-1411 m ³ /h Exhaust ≥ 462 m ³ /h
Front Window	Motorized and manual combined. Two-layer laminated toughened glass ≥ 5 mm. Anti UV
HEPA Filter	HEPA Filter Two, 99.9999% efficiency at 0.03, filter life indicator
Filter Guard Type	Aluminum alloy frame
Noise	AS2252.2 < 65 dB
Illumination	≥ 1000 Lux
Display	LCD Display
Splashproof Power Outlet	2, Total Consumption: ≥ 500 W
Tap	Vacuum Tap x 1
Ground Resistance	$\geq 0.10 \Omega$
Power Supply	AC220V $\pm 10\%$, 50/60Hz; 110V $\pm 10\%$, 60Hz, Full load Amps: 9A, BTU/Hr: 1689
Consumption	800W
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-bacteria power coating
UV Lamp	30W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
Illuminating Lamp	18W x 2 LED Lamp
Standard Accessory	LED lamp, UV lamp, SS Vacuum tap, Drain valve, Splash proof power outlets
Optional Accessory	Armrest, Airflow testing, Window height foot pedal, infrared sterilizer, Standard or Electric height adjustable base stand, Stainless Steel I.V Bar with 10 hooks, water tap
Package Size (WxDxH(mm))	1540 x 1080 x 1900
Gross Weight (kg)	355

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