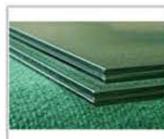# EN Certified Biological Safety Cabinet

LCD Display
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.

Remote Control for Convenient Operation

Front Window
Laminated toughened glass, Anti UV

Footmaster Caster
Universal caster with brake and leveling feet.

SS Water tap &Gas tap

Waterproof Socket

Work Zone
Unibody design

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Large LCD display, all information displayed.
2. Automatic air speed adjustable with filter block.
3. With memory function in case of power-failure.
4. Side & back wall is made up of single piece stainless steel.
5. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; Blower and front window.
6. Front 10°slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

TECHNICAL PARAMETERS

Model	BSC-3FA2	BSC-4FA2
External Size(W*D*H)	1087*775*2265mm	1383*775*2295mm
Internal Size(W*D*H)	910*600*660mm	1210*600*660mm
Work Surface Height	750mm	
Max Opening	520mm (21")	550mm (22")
Tested Opening	Safety height 200mm (8")	
Airflow Volume — Inflow	348m³/h (205cfm)	462m³/h (272cfm)
Airflow Volume — Downflow	65%: 649m³/h (382cfm)	65%: 863m³/h (507cfm)
Airflow Volume — Exhaust	35%: 348m³/h (205cfm)	35%: 462m³/h (272cfm)
Front Window	Manual. Laminated toughened glass. Anti UV	
HEPA Filter	Two, 99.995% efficiency at 0.3µm, filter life indicator	
Filter Guard Type	Aluminum alloy frame	
Noise	EN 12469≤65dB	
Illumination	≥1000Lux	
Display	LCD Display	
Waterproof Socket	2, Total consumption: ≤500W	
Tap	Water tap*1, Gas tap*1	
Ground Resistance	≤ 0.10Ω	
Power Supply	AC230V, 50Hz	
Consumption	≤550W	≤650W
Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm	
Motor	AC motor, 230V acceptable, Speed adjustable, high efficiency and low power consumption	
Material	Working area: 304 stainless steel	
	Frame and decorative plate: cold-rolled steel with anti-bacteria powder coating	
UV Lamp	20W	30W
	Germicidal UV lamp, Emission of 253.7nanometers for most efficient decontamination, UV timer, UV life indicator	
LED lamp	10W*2	18W*2
Standard Accessory	LED lamp*2, UV lamp*2, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2, Stainless steel I.V. bar with 10 hooks, Remote control	
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer	
	Electric height adjustable base stand, Motorized front window	
Package Size (W*D*H)	1240*1060*1900mm	1540*1080*1900mm
Gross Weight	270kg	340kg