Biosafety Cabinet

Description

Friendly Control Panel
● LED screen, show the air velocity, time, fan station, alarm in real time.

Safe and Reliable, Energy-Efficient
● DC fan and LED light make the operation power consumption save 30%.
● Intelligent auto-supply system of imported blower ensures the change of air volume less than 10% when the resistance of filter increases 50% and enhance safety.
● The alarm system for safe operation height is interlocked with light. At the same time light is Interlocked with sterilizing.
● Leak detection in cabinet, no leakage at 500Pa.
● UV light with set timer, safer and high efficiency.

Humanized design
● 10°sloped front make it comfortable to operator.
● Negative pressure and double layers chamber around ensure non-leakage, non-pollution. Demountable circular-arc armrest can alleviate working tiredness and make it easy to transport.
● Front window adopts hanging lifting system (Imported from Japan) and more than 5mm thickness security glass with arbitrary positioning, high stability and convenient to sterilization when it closed.
● Movable stainless steel worktable 4 liter capacity stainless steel collecting tank with below down valve, easy to collect water, cleaning and disinfection.
● Non-obstructive air return mode in the front suction channel.
● The adjustable leveling foot is without exposure thread.

HEPA filters
● USA HV HEPA Filter Medium, provide 99.995% typical efficiency for particle size over 0.3 microns, and the materials is glass fiber.
● A minimum ISO 5 air quality in the work area
● Unique Technology of non leakage.
● Every HEPA filters will be tested to ensure non leakage.

Model/Item	BSC-1301ⅡA2	BSC-1302ⅡA2
Nominal Size	1.3meter(4')	
Filtration Efficiency	HEPA: ≥99.995%, @0.3μm/ULPA:≥99.9995%, @0.12μm	
Downflow Velocity	0.35 m/s(68.88fpm)	
Inflow Velocity	0.54 m/s(106.27fpm)	
Noise	≤67 dB(A)	
Vibration(μm)	≤5 μm(center of tabletop)	
Power Supply	AC115V，1φ，60Hz	AC230V，1φ，50/60Hz
Opening Height(mm)	250	
Operator Protection	A. Total colony in impaction sampler ≤10CFU./time	
	B. Total colony in impaction sampler ≤5CFU./time	
Product Protection	Total colony in culture dish ≤5CFU./time	
Cross Contamination	Total colony in culture dish ≤2CFU./time	
Max Consumption(with spare socket)	1.5 kVA	/
Rated Power(without spare socket)	1 kVA	0.46 kVA
Weight	300 kg	
Work Dimension (W1XD1XH1)	1270*600*620 mm　(50"x23.6"x24.4")	
Overall Dimension (WXDXH)	1500*790*2050 mm　(59.1"x31.1"x80.7")	
Size and Qty. of Light	LED 24.5 w x ②	
Size and Qty. of UV Light	15 w x ②	
Lumin.	≥750 Lx	
Cabinet Materials	High-grade steel and lacquered in ivory	
Working Area Materials	SS304 fully finished	
Air Direction	Top out	
Plug Style	USA Type(AC125V/10A)	/
Qty. of Spare Socket	USA Type(AC125V/2A) 2 units	/