

Biological Safety Cabinet 3000 Plus Series



LCD Display

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



Front window

Two-layer laminated toughened glass >5mm, anti UV



SS water tap & Gas Tap



Work Zone

Unibody design

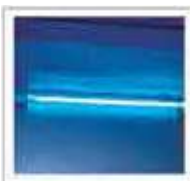


Footmaster Caster

Universal caster with brake and leveling feet.



Waterproof Socket



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

Advantage

- 1) Motorized front window.
- 2) Large LCD display, all information displayed.
- 3) Automatic air speed adjustable with filter block.
- 4) Side & back wall is made of single piece stainless steel.
- 5) Interlock function: UV lamp and front window; UV lamp and blower, fluorescent 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		3112(3')	3114(4')	3123(6')
External Size(W*D*H)		1087*775*2265mm	1383*775*2295mm	1873*775*2295mm
Internal Size(W*D*H)		910*600*660mm	1210*660*660mm	1700*600*660mm
Work Surface Haight		750mm		
Max Opening		550mm (22*)		
Tested Opening		Safety height 200mm (8*)		
Airflow Volume	Inflow Downflow Exhaust	349m ³ /h (205cfm)	465m ³ /h (275cfm)	649m ³ /h (382cfm)
		64% 638m ³ /h (375cfm)	64%: 868m ³ /h (498cfm)	64%: 1190m ³ /h (700cfm)
		36% 359m ³ /h (211cfm)	36% 488m ³ /h (287cfm)	36% 669m ³ /h (394cfm)
Front Window		Motorizer. Two-layer laminated toughened glass ≥5mm. Anti UV.		
HEPA Filter		Two, 99.999% efficiency at 0.3µm, filter life indicator.		
Filter Guard Type		Aluminum alloy frame.		
Noise		NSF 49≤61dB / EN 12469≤58dB		
Illumination		≥1000Lux		
Display		LCD Display		
Waterproof Socket		Two, Total consumption: ≤500W		
Tap		Water tap*1, Gas tap *1		
Ground Resistance		≤0.10Ω		
Power supply		AC220V+10%, 50/60Hz; 110V+10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689		
Consumption		300W	400W	500W
Alarm		Abnormal airflow velocity; Filter change; Front Window over height.		
Motor		One ECM motor, 110V & 220V 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 power coating.		
UV Lamp		18W	30W	40W
		Gemicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination.		
Standard Accessory		Fluorescent lamp, UV lamp*2, Base stand, SS water & gas taps, Drain Valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks		
Optional Accessory		Armrest, Airflow tester, Formalin fumigation sterillizer, Infrared starilizer, Adjustable base stand, Remote control		
Package Size(W*D*H)		1250*1080*1840mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight		270kg	334kg	363kg

Regulatory compliances



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