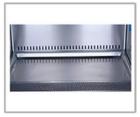
Pro Series Class II A2 Biological Safety Cabinet

LCD Display
7 Inch touch screen display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.

BIOBASE
E-mail: export@biobase.com
www.biobase.cc / www.biobase.com

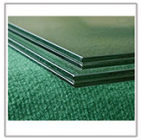
Remote Control
All functions can be realized with it, making the operation much easier and more convenient.

Air-Vent



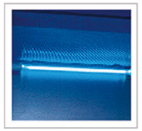
Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.

Footmaster Caster
Universal caster with brake and leveling feet.



Front Window
Two-layer laminated toughened glass>6mm, Anti UV

Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

Waterproof Socket
2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.

ADVANTAGE

1. The operation perspective is wide and more humanized.
2. Time reserve function.
3. ULPA filter life and UV life indicator.
4. Motorized front window.
5. With memory function in case of power-failure.
6. Audio and visual alarm (Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm).
7. Self-locking button switch to solve the trouble of losing the key.
8. 7 inch Large touch screen with Intelligent control system: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator etc.
9. Remote control: all functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.
11. Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

TECHNICAL PARAMETERS

Model	BSC-1100IIA2-Pro	BSC-1300IIA2-Pro	BSC-1500IIA2-Pro	BSC-1800IIA2-Pro
External Size(W*D*H)	1100*750*2210mm	1383*750*2310mm	1500*760*2160mm	1873*780*2310mm
Internal Size(W*D*H)	940*600*660mm	1210*600*660mm	1400*600*660mm	1700*600*660mm
Tested Opening	Safety Height 200mm(8")			
Max Opening	420mm(17")	500mm (20")	460mm(18")	520mm(21")
Inflow Velocity	0.53±0.025 m/s			
Downflow Velocity	0.33±0.025 m/s			
ULPA Filter	Two, 99.9995% efficiency at 0.12μm. Filter life indicator.			
Front Window	Motorized. Two-layer laminated toughened glass ≥ 6mm. Anti UV.			
Noise	≤ 67dB			
UV Lamp	30W*2	30W*2	40W*2	
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Illuminating Lamp	LED lamp			
	12W*2	12W*2	12W*2	16W*2
Illumination	≥1000Lux			
Consumption	600W	1300W		
Waterproof Sockets	Two, total load of two sockets: 500W			
Display	7 inch touch scren display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.			
Control System	Microprocessor			
Airflow System	70% air recirculation, 30% air exhaust			
Visual and audio alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm.			
Material	Work Zone: 304 stainless steel			
	Main Body: Cold-rolled steel with anti-bacteria powder coating.			
Work Surface Height	750mm(Size can be customized according to requirements)			
Caster	Footmaster caster			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessory	LED lamp*2, UV lamp*2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2			
Optional Accessory	Water and gas tap, Electric height adjustable base stand,Armrest,chair			
Gross Weight	265kg	340kg	363kg	430kg
Package Size(W*D*H)	1250*990*1770mm	1540*1080*1910mm	1640*980*1830mm	2000*1075*1910mm