

Digital Biological Safety Cabinet Class II A2



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.



Main Features:

- Motorized front window.
- Time reserve function.
- ULPA filter life and UV life indicator.
- Automatic air speed adjustable with filter block.
- With memory function in case of power-failure.
- Audio and visual alarm (Abnormal airflow velocity; Filter replacement; Front window at unsafe height).
- Work area surrounded by negative pressure; it can ensure maximum safety in work area.
- Audio and visual alarm (Filter replacement, window over height, abnormal air flow velocity etc).
- Remote control: all functions can be realized with it, making the operation much easier and more convenient.
- Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.
- Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

Technical Specifications:

Model	QC-BSC-110D-IIA2	QC-BSC-130D-IIA2	QC-BSC-150D-IIA2	QC-BSC-180D-IIA2
External Size (W*D*H)	1100*750*2250mm	1340*760*2250mm	1500*750*2250 mm	1800*775*2290mm
Internal Size (W*D*H)	940* 600*660 mm	1220*600*660 mm	1350*600*660mm	1625*600*660mm
Tested Opening	Safety Height = 203 mm (8")			

Max Opening	420mm (17")	420mm (17")	500mm (20")	550mm (22")
Inflow Velocity	0.53±0.025 m/s			
Downflow Velocity	0.33±0.025 m/s			
ULPA Filter	Two, 99.9995% efficient at 0.12um. Filter life indicator. ULPA as per IEST-RP-CC001.3 USA			
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.			
Noise	EN12469 ≤ 58 dB / NSF49 ≤ 61 dB			
UV Lamp	30W*1	30W*1	40W*1	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
illuminating Lamp	LED Lamp			
	12W*2	12W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	760W	800W	900W	900W
Waterproof Sockets	Two, total load of two sockets: 500W			
Display	LCD 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	Filter replacement, front window at unsafe height, abnormal airflow velocity.			
Material	Work Zone: 304 stainless steel			
	Main Body: Cold-rolled steel with anti-bacteria powder coating.			
Work Surface Height	750mm			
Caster	Foot master caster			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessory	LED lamp, UV lamp*2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2			
Gross Weight (KG)	245kg	285kg	318kg	400kg
Package Size (W*D*H)	1230×1010×1850 mm	1470×1070×1810 mm	1630×1000×1820 mm	1930×1000×1820mm