AC Series Class II A2 Biological Safety Cabinet

Color Screen
Real-time and clearer display of various values and appointment timing function.

Anti-paper dust structure

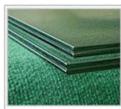The front window glass can be lowered below the operating area

The base stand is optional

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

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

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

Front Window
Motorized, Two-layer laminated toughened glass ≥6mm, Anti UV.

Footmaster Caster
Universal caster with brake and leveling feet.

Cabinet Support Block
Easy to lift, prevent hand pressing

Iron hook support rod for panel support

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Small dimension, save space.
2. Centrifugal fan, speed adjustable. ULPA filter.
3. Motorized front window: The front window is motorized for convenient, one-hand operation.
4. Audio and visual alarm:Abnormal airflow velocity,Filter replacement,Front window at unsafe height,High filter pressure alarm.
5. Time reserve function: This can save 30 minutes waiting time after activating the cabinet and the sterilization time after experiment.
6. Remote control: Each function can be realized 6 meters away from the cabinet by remote control, which can protect the operator under emergency.
7. Large LCD display: 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.
8. With memory function in case of power-failure.
9. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.

TECHNICAL PARAMETERS

Model		BSC-700 II A2-Z
External Size （W*D*H）		700*650*1920mm (700*650*1280mm without base stand)
Internal Size （W*D*H）		600*500*540mm
Tested Opening		Safety height 200mm
Max Opening		380mm
Inflow Velocity		0.53±0.025m/s
Down Flow Velocity		0.33±0.025m/s
ULPA Filter		Two, 99.9995% efficiency at 0.12µm, filter life indicator
Front Window		Motorized
Noise		≤65 dB
UV Lamp		15W*1
		UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp		8W*2
Illumination		≥1000Lux
Consumption		≤500W
Socket		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		70% air recirculation,30% air exhaust
Visual and Audio Alarm		Filter replacement, window over height, abnormal air flow velocity; High filter pressure alarm, abnormal power failure
Material		Work Zone: 304 stainless steel / Main Body: Cold-rolled steel with anti-bacteria power coating
Work Surface Height		750mm with base stand
Power Supply		AC220V 50/60Hz; 110V 60Hz
Standard Accessory		Cabinet*1, LED Lamp*2, UV lamp*2, Remote control, Drain valve*1, Waterproof Socket*2,Foot switch
Optional Accessory		Water and gas tap, Electric height adjustable base stand, Armrest, Base stand*1
Package Size (W*D*H)	Without Base Stand	800*760*1470mm
	With Base Stand	800*900*1470mm
Gross Weight	Without Base Stand	130kg
	With Base Stand	154kg