BIOBASE

AC Series Class II A2 Biological Safety Cabinet
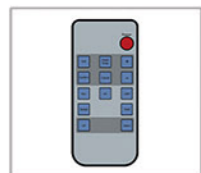
Color Screen
Real-time and clearer display of various values and appointment timing function.
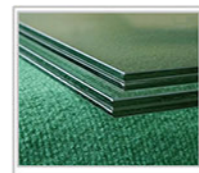
Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.

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. Color key display: large screen, more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing.
2. Automatically adjust the wind speed.
3. With power-off memory function, the state before power-off will be restored after power-on, and there will be visual prompts and alarms.
4. The integrated design of the operation area makes it easy to disassemble and clean.
5. The cabinet is separated from the base. The height of the adjustable base can be customized.
6. Interlocking function: UV lamp and front window; UV lamp and fan, LED lamp; fan and front window.
7. It has the function of appointment timing, which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps, fans and sockets.
8. The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
9. The negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.
10. The front window glass has a one-key lift function
11. The one-piece hand resting surface has a larger contact area with the arm and is more comfortable.

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	125kg
	With Base Stand	141kg