

# Class II A2 Biological Safety Cabinet



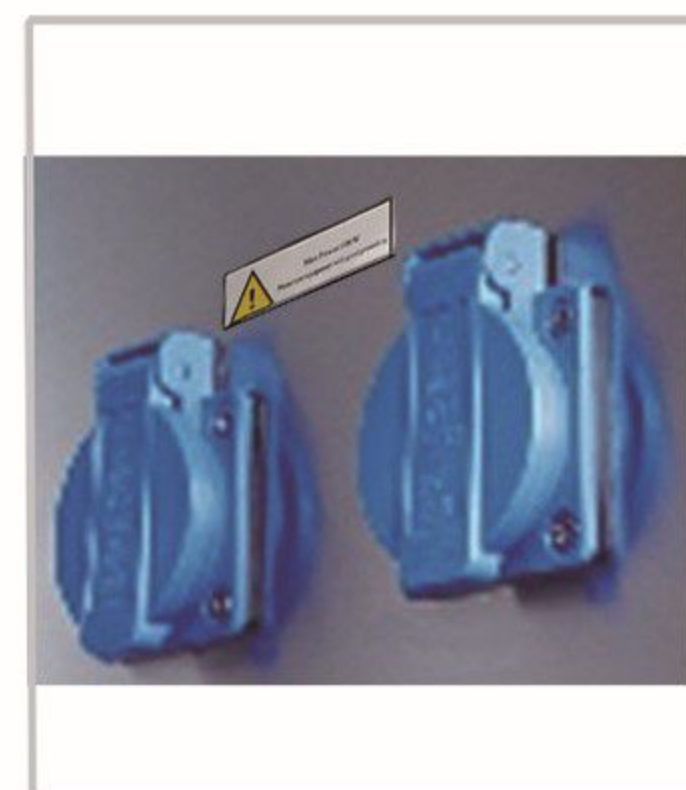
### LCD Display

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



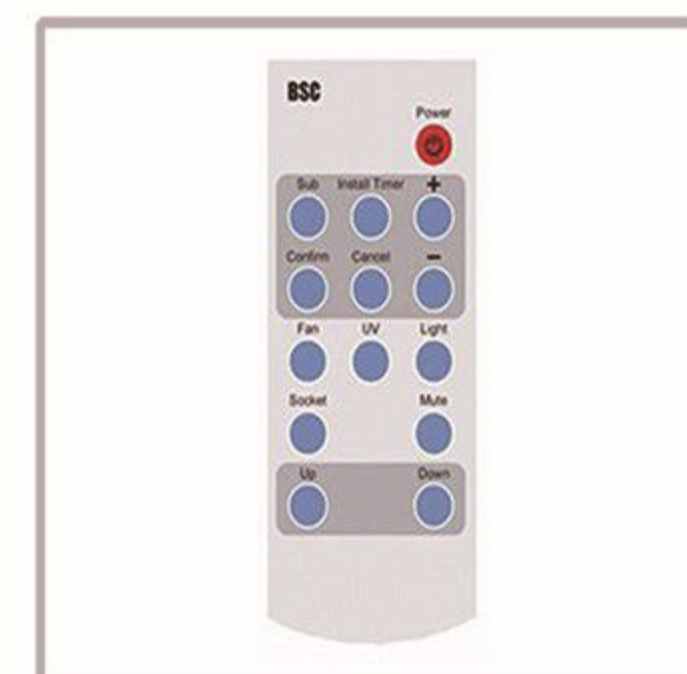
### Work Zone

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



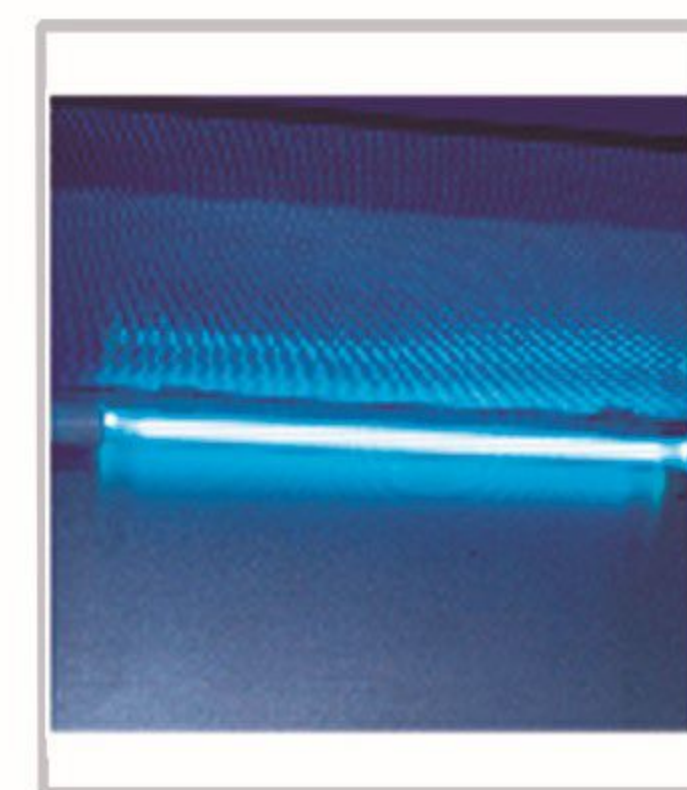
### Waterproof Socket

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



### Remote Control

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



### UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

## ADVANTAGE

1. Small dimension, save space.
2. Centrifugal fan, speed adjustable; H14 HEPA filter.
3. Motorized front window: The front window is motorized for convenient, one-hand operation.
4. Voice prompt function: Airflow alarm, filter replacing alarm and front window height 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.

## TECHNICAL PARAMETERS

Model	PLS150	
External Size(W*D*H)	700*650*1230mm	
Internal Size(W*D*H)	600*500*540mm	
Tested Opening	Safety height 200mm(8")	
Max Opening	370mm (15")	
Inflow Velocity	0.53±0.025m/s	
Down Flow Velocity	0.33±0.025m/s	
HEPA Filter	Two, 99.999% efficiency at 0.3µm. Filter life indicator.	
Front Window	Motorized. Toughened glass. Anti UV.	
Noise	EN12469 ≤ 58dB / NSF49 ≤ 61dB	
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	
Control System	Microprocessor	
Airflow System	70% air recirculation, 30% air exhaust	
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity.	
Material	Work Zone: 304 stainless steel. Main Body: Cold-rolled steel with anti-bacteria powder coating.	
Work Surface Height	750mm with optional base stand	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Remote control, Waterproof sockets*2	
Optional Accessory	Base stand, Universal caster with brake and leveling feet.	
Gross Weight without Base Stand	Wooden Box: 164kg	Carton: 121kg
Gross Weight with Base Stand	Wooden Box: 196kg	
Package Size without Base Stand (W*D*H)	Wooden Box: 860*800*1450mm	Carton: 820*760*1430mm
Package Size with Base Stand (W*D*H)	Wooden Box: 860*960*1450mm	