

PCR Cabinet



ADVANTAGE

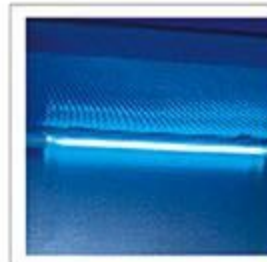
1. LED display.
2. UV sterilization system.
3. HEPA filter efficiency 99.999% at 0.3µm.
4. With memory function in case of power-failure.
5. Interlock function: UV lamp only can be switched on when the front window is closed, ensuring operator safety.
6. UV timer (0-90 minutes): When the setting time expires, the UV lamp automatically switches off in preparation for the next experiment.

TECHNICAL PARAMETERS

Model	PLS424	PLS425	PLS426	PLS427	PLS428
External Size (W*D*H)	800*700*1770mm	1000*705*1770mm	1200*700*1770mm	1300*700*1770mm	1500*700*1770mm
Internal Size (W*D*H)	700*595*550mm	900*595*560mm	1100*595*550mm	1200*595*550mm	1400*595*550mm
Work Surface Height	750mm				
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel				
Front & Side Windows	5mm toughened glass , anti-UV				
	Motorized	Manual	Motorized		
Max Opening	300mm	320mm	300mm		
Pre-Filter	Polyester fiber, Washable				
HEPA Filter	99.999% efficiency at 0.3µm.				
Airflow Velocity	0.3-0.5m/s, speed adjustable				
Noise	≤65dB				
UV Lamp	20W*1	20W*2	30W*1		40W*1
	Emission of 253.7 nanometers, with UV timer				
Illumination Lamp	LED 8W*2		LED12W*2		
Illumination	≥1000Lux				
Shelf with IV Bar	Stainless steel, 502*150*50mm (W*D*H)				
Caster	Universal caster with leveling feet				
Consumption	400W	300W	600W		
Waterproof Socket	Two, total load≤500W				
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Standard Accessory	UV lamp, Fluorescent lamp, Base stand, Waterproof socket*2, Shelf with IV bar				
Optional Accessory	Electric height adjustable base stand				
Gross Weight	130kg	150kg	170kg	180kg	200kg
Package Size (W*D*H)	950*930*1370mm	1150*930*1370mm	1350*930*1370mm	1450*930*1370mm	1650*930*1370mm



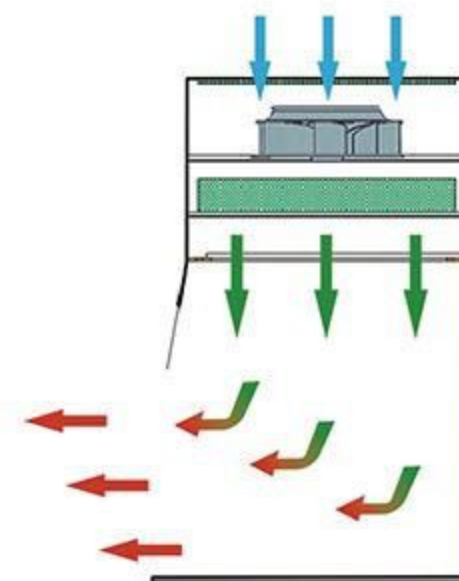
Waterproof Socket
2 waterproof sockets are located in the back wall, for optimum convenience of using small devices inside the cabinet.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Shelf with IV Bar



■ Polluted Air
■ HEPA Filtered Air
■ Room Air



Side Glass Window
Side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.