

VENTILATION PROTECTION

Biological Safety Cabinet

Laminar Flow Cabinet

PCR Cabinet

Fume Hood

Air Purifier



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SCITEK

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ABOUT SCITEK

SCITEK GLOBAL IS PROFESSIONAL MANUFACTURER OF LABORATORY INSTRUMENTS AND MEDICAL DEVICES, CERTIFIED BY ISO9001, ISO13485 AND ISO14001. PRODUCTS ARE CERTIFIED BY ETL, CE AND FDA ETC. WE LOOK FORWARD TO ESTABLISHING COOPERATION WITH MORE DISTRIBUTORS ALL OVER THE WORLD, AND WORKING TOGETHER TO CREATE GREATER CUSTOMER VALUE. TOGETHER WE WILL BE DIFFERENT.

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ISO 14001



ISO 9001



ISO 45001



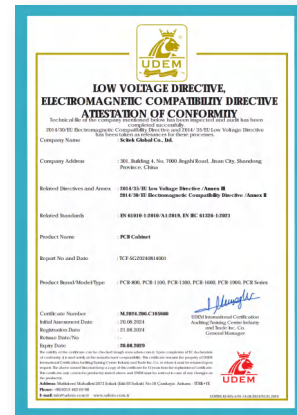
CE



CE



CE



CE

PCR Cabinet



Description

PCR cabinet are designed to reduce the risk of contamination while performing Polymerase Chain Reaction (PCR) experiments, it direct HEPA-filtered air downward over the work area to provide ISO Class 5 (formerly Class 100) conditions and protect your work during preparatory procedures and amplifications.

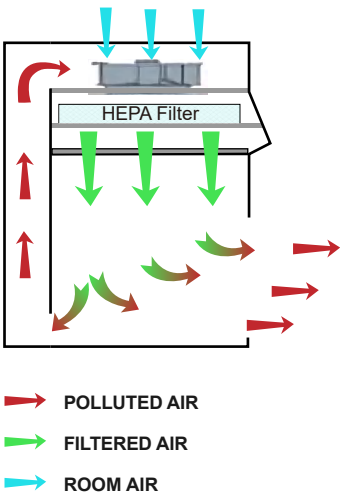
Safety Performance

- Front sliding sash interlock with fan and UV lamp.
- Front sash and side windows are made of UV-resistant tempered glass.
- The host and sockets have independent capacitors to prevent current overload.

Humanized design

- Standard shelves with IV bar.
- Memory function in case of power-failure.
- HEPA filter and UV life indicators facilitate a timely replacement plan.
- Easy-to-change pre-filter installed could extend the HEPA filter's life time.
- Equipped with temperature sensor to show the real temperature during operation.
- Waterproof socket provide convenience for small instruments to be used in the operating area.
- Perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.

Airflow Pattern



Specification

Model		PCR-800
External Size (W×D×H)		710×680×1050mm (Without Base Stand) 710×680×1680mm (With Base Stand)
Internal Size (W×D×H)		610×590×625mm
Work Surface Height		750mm
Control System	Display	Microprocessor controller with LCD display, display the operating status of each function
	Interlock	Front sliding sash interlock with fan and UV lamp
	Life Indicator	HEPA filter and UV life indicators facilitate a timely replacement plan
Airflow System	Airflow Velocity	0.2~0.5m/s, Speed adjustable
	Pre-Filter	1pcs, Polyester fiber,washable
Air Filtration System	HEPA Filter	1 pcs, Efficiency: > 99.995% at particle size of 0.3μm
	Cleanliness Grade	ISO Class 5 (formerly Class 100)
	Partial Air Circulation	Perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.
Cabinet Construction	Main Body	Electro-Galvanized steel with antimicrobial powder coating
	Work Surface	304 Stainless steel, an angled front, rounded work surface front edge
	Front Window	Manual sliding sash: 5 mm UV resistant tempered glass
Electrical System	UV Lamp	8W
		With timing function from 0 to 999 minutes
		Interlock with front sliding sash.
	LED Lamp	Emission of 253.7 nanometers for best sterilization effect.
		3.4W×1
	Consumption	149W (Not include socket loading power consumption)
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz
Illumination		≥500Lux
Sound Emission		≤62dB(A)
Standard Accessory		1.LED Lamp; 2.UV Lamp; 3.Waterproof Socket×1; 4.Shelves with IV Bar; 5. Air Velocity Sensor.
Optional Accessory		1.Base stand; 2.Gas Tap
Net Weight		80kg (Without base stand), 130kg (With base stand)
Gross Weight		115kg (Without base stand), 165kg (With base stand)
Shipping Size (W×D×H)		920×855×1190mm
Shipping Volume		0.94m³

LCD Display
(Real-time show the Airflow Velocity,Time, Temperature,UV life and Filter life etc.)

Waterproof Socket (IP54)

Shelf With IV Bar (Stainless Steel)

UV Lamp
(Emission of 253.7 nanometers for most efficient decontamination)

Base Stand (Optional)



PCR Cabinet



Description

PCR cabinet are designed to reduce the risk of contamination while performing Polymerase Chain Reaction (PCR) experiments, it direct HEPA-filtered air downward over the work area to provide ISO Class 5 (formerly Class 100) conditions and protect your work during preparatory procedures and amplifications.



LCD Display
(Real-time show the Airflow Velocity,Time, Temperature, UV life and Filter life etc.)



Shelf With IV Bar (Stainless Steel)



UV Lamp
(Emission of 253.7 nanometers for most efficient decontamination)



Waterproof Socket (IP54)



Base Stand

Advantage

- Perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.
- Variable digital timer that provides UV light exposure continuously or in user-selected increments of 15,30, 60,120 till 999 minutes to deactivate DNA and RNA contaminants.
- Ergonomic Control Panel Location, centered and angled down for an easy reach & viewing.
- The non-direct light source design can effectively relieve the operator's visual fatigue under the condition of ensuring the illumination.
- Brushed stainless steel work surface is for easy cleaning.

Humanized design

- Standard shelves with IV bar.
- Memory function in case of power-failure.
- HEPA filter and UV life indicators facilitate a timely replacement plan.
- Easy-to-change pre-filter installed could extend the HEPA filter's life time.
- Equipped with temperature sensor to show the real temperature during operation.
- Waterproof socket provide convenience for small instruments to be used in the operating area.

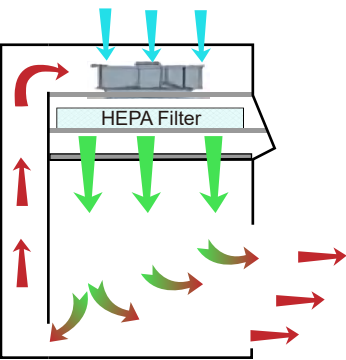
Safety Performance

- Front sliding sash interlock with fan and UV lamp.
- Front sash and side windows are made of UV-resistant tempered glass.
- The host and sockets have independent capacitors to prevent current overload.

Specification

Model		PCR-1100	PCR-1300	PCR-1600	PCR-1900
External Size (WxDxH)(mm)		1050×710×1850	1320×710×1850	1625×710×1850	1930×710×1850
Internal Size (WxDxH)(mm)		950×615×625	1220×615×625	1525×615×625	1830×615×625
Work Surface Height		750mm			
Control System	Display	Microprocessor controller with LCD display, display the operating status of each function			
	Interlock	Front sliding sash interlock with fan and UV lamp			
	Life Indicator	HEPA filter and UV life indicators facilitate a timely replacement plan			
Airflow System	Airflow Velocity	0.2~0.5 m/s, speed adjustable			
Air Filtration System	Pre-Filter	1pcs, Polyester fiber,washable			
	HEPA Filter	1 pcs, Efficiency: > 99.995% at particle size of 0.3μm			
	Cleanliness Grade	ISO Class 5 (formerly Class 100)			
	Partial Air Circulation	Perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.			
Cabinet Construction	Main Body	Electro-Galvanized steel with antimicrobial powder coating			
	Work Surface	304 Stainless steel			
	Front Window	Manual sliding sash: 5 mm UV resistant tempered glass			
	Side Window	5 mm UV resistant tempered glass			
Electrical System	UV Lamp	20W×1	30W×1	30W×1	20W×2
		With timing function from 0 to 999 minutes, Interlock with front sliding sash.			
		Emission of 253.7 nanometers for best sterilization effect.			
	LED Lamp	6.5W×1	9.6W×1	9.6W×1	6.5W×2
	Consumption	155W	285W	285W	300W
		Not include socket loading power consumption			
Power Supply		AC220V±10%, 50/60HZ; 110V±10%, 60Hz			
Illumination		≥900Lux			
Sound Emission		≤62dB(A)			
Standard Accessory		1.Base Stand; 2.LED Lamp; 3.UV Lamp; 4.Waterproof Socket×2; 5.Shelves with IV Bar; 6. Air Velocity Sensor.			
Optional Accessory		Gas Tap			
Gross Weight (kg)		225	255	285	330
Shipping Size (W×D×H)(mm)		1190×990×1325	1460×990×1325	1765×990×1325	2070×990×1325
Shipping Volume (m³)		1.56	1.92	2.3	2.7

Airflow Pattern



- POLLUTED AIR
- FILTERED AIR
- ROOM AIR