

# Desktop bio-safety cabinet

## Model: PCR-600 PCR-800

### Features

- 1.The PCR clean bench extracts air from the laboratory, enters the operation area through a two-stage filtration system, forms a clean area, and finally discharges it into the laboratory.
- 2.The system includes a positive pressure HEPA filtration system that creates an uninterrupted ISO Class 5 air clean area in the sample preparation area.
- 3.The chamber can accommodate tube racks, racks, pipettes, microcentrifuges and thermal cyclers.
- 4.The control system adopts intelligent microcomputer control, blue display screen, digital indication of various parameters.
5. The work surface is made of integrated stainless steel, which is easy to clean.
6. The front 10° inclined operation surface is more ergonomic and more comfortable to operate.
7. The quasi-closed table top has a stepped design at the front end. When the front window is completely closed, it is more effective to prevent the introduction of external air.
8. Interlock function of lighting and sterilization system, with spare socket design, safe and convenient to use.
9. The box body adopts cold-rolled steel plate spraying process, and the appearance is finely sprayed.
10. The glass door of the hanging lifting system can be opened up and down, which is convenient and flexible to operate.  
The sliding door can be lifted and lowered freely, and can be stopped at any position.  
The double-sided perspective window design has better lighting effect and wider field of vision
11. The integrated design of the built-in HEPA high-efficiency filter, the clean airflow covers the entire working area, and the wind speed and cleanliness are better.



### Parameters

型号 Model		PCR-600	PCR-800
参数 Spec			
洁净等级 Cleanliness		100级@≥0.5μM (美联邦209E) Class 100@≥0.5μM (US Federal 209E)	
菌落数 Number of colonies		≤0.5个/皿·时 (Φ90mm培养皿) ≤0.5/dish hour (Φ90mm culture dish)	
平均风速 Average wind speed		0.25~0.45m/s	
Airflow direction		Vertical airflow	
噪音 Noise		≤62dB (A)	
照度 Illumination		≥300Lx	
电源 Power		AC单相220V/50Hz	
工作区尺寸	W1×D1×H1	580×500×450	780×500×450
外型尺寸	W×D×H	600×550×840	800×550×840
高效过滤器规格及数量 HEPA filter size and quantity		515×405×50×	715×405×50×
荧光灯/紫外灯规格及数量 LED/UV lamp specifications and quantity		5Wx /10Wx	5Wx /10Wx