

Description

Polymerase chain reaction (PCR) is the process of amplifying millions of genes from a single gene copy or fewer gene templates. This reaction process is very common in all nucleic acid and RNA LABS. Since high copy number genes are produced during PCR, it is necessary to prevent gene contamination during amplification.

Features

01. High permeability quartz ultraviolet lamp tube, the ultraviolet ray transmission rate is much higher than that of ordinary glass lamp tube.
- Under the same power, sterilization effect better;
02. Full-size high-efficiency HEPA filter with a thickness of up to 50MM, providing better filtration efficiency;
03. Super thin LED normal white lighting on the top, long service life, low power consumption, no strobe, no eye damage;
04. Ultra-thin and high air pressure centrifugal fan can generate more than 45Pa positive pressure, effectively preventing external pollutants from entering the operation platform;
05. High transparent 8MM thick polycarbonate board, with anti-yellowing, anti-ultraviolet and anti-impact properties;
06. The top guide plate and the bottom collecting liquid plate are made of 304 stainless steel, which is durable and easy to clean.
07. The unique design of clean air curtain on the inner surface of the front door can effectively prevent external pollution from entering the operation platform;
08. The average surface wind speed can reach more than 0.3m /S, and the cleanliness exceeds the standard of class 100;
09. Three-stage front door with maximum opening height of about 530MM;
10. The UV sterilization of the filter box can effectively enhance the sterilization effect and avoid the bacteria breeding and pollution of the operating space.



Specifications

Model	PCRC-1	PCRC-2	PCRC-3
Dimensions (L*W*H)mm	600*560*735		
Inner size	575*55*575		
Operate person	Single		
Voltage	AC 220V / 50-60Hz		
Light	Ceiling LED light / 3-5W		
UV	2*15W, T6 quartz lamp		
Timer	NO	7x24H time bookina	
Interlock function	NO	UV and light interlock	
Linkage function	NO		door ooen and wind linkaae
Wind speed adjustable	YES		
Liquid collection	Optional(Stainless steel 304 collection dish)		
Power	60W/centrifugal fan/speed 2450		
Prefilter	YES		
HEPA	HEPA size 580x490x55mm		
Wind speed	0-0.3m/s		
Noise	≤60DB		
Operation environment	Temp.-25°C to +55°C · Humidityv: ≤90%RH		
Sealing method	45°C incline silione or rubber seal		
Door construction	Three sections		
Door open size	open max 90% height 0-535mm		
Standing shelf	NO	YES	
Drawer with lock	NO	optional	
Socket	inner socket 2		
Door close absorbed	YES		