

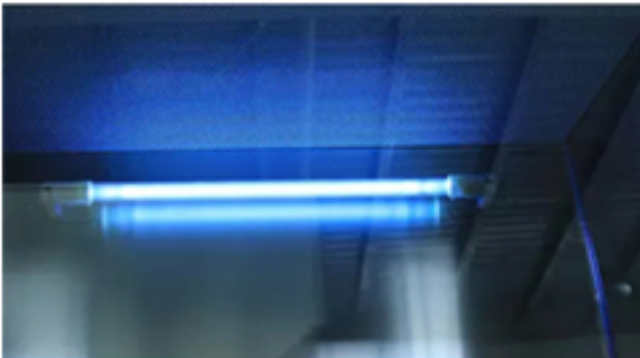
Mini PCR Work Station

The Mini PCR Work Station is a device that provides safe and environmental protection for the rapid nucleic acid detection process in fever clinic and emergency clinic of hospitals. The equipment is divided into three areas, namely reagent preparation area, specimen preparation area and amplification analysis area.

It is suitable for rapid nucleic acid detection in the fever clinic and emergency department of hospital.



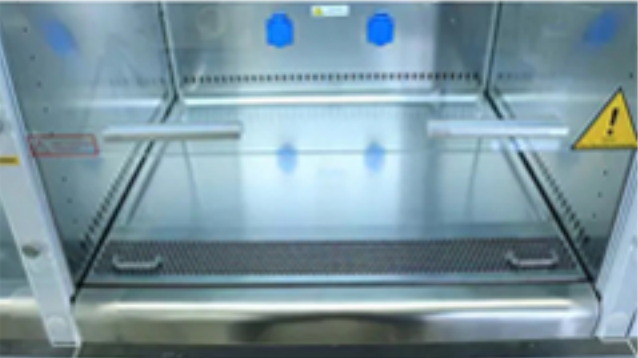
LCD Display



UV Lamp



Waterproof Socket



Front Window

Features

- (1) Small dimension, save space, economical and convenient.
- (2) Large LCD display, all information displayed.
- (3) Automatic air speed adjustable with filter block.
- (4) With memory function in case of power-failure.
- (5) Side & back wall is made up of single piece stainless steel.
- (6) Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
- (7) Audio and visual alarm: Filter replacement, window over height, abnormal air flow velocity etc.
- (8) Front 7° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the area.
- (9) Time reserve function: This can set the UV lamp and fan working time.
- (10) It is divided into three areas, each area does not interfere with each other; the three areas are closely designed to reduce the sample transfer time between each area and improve the efficiency of rapid nucleic acid detection.

Technical Parameters

Model	PCR- mini		
External Size（L*W*H）mm		2100*710*1900	1600*700*1900
Reagent Preparation Area	Operating Area Size（L*W*H）mm	640*570*510	440*570*500
	Pressure	Positive	
	Airflow Velocity（m/s）	0.45	
	Airflow Volume（m3/h）	420	310
	Exhaust Type	-	
Specimen Preparation Area	Operating Area Size（L*W*H）mm	660*570*510	560*570*500
	Pressure	Negative	
	Airflow Velocity（m/s）	Downflow: 0.33±0.025	
		Inflow: 0.53±0.025	
	Airflow Volume（m3/h）	250	210
Exhaust Type	TypeA2, 30% exhaust, 70% recirculation		
Amplification Analysis Area	Operating Area Size（L*W*H）mm	640*570*510	440*570*500
	Pressure	Negative	
	Airflow Velocity（m/s）	0.4	
	Airflow Volume（m3/h）	180	160
	Exhaust Type	100% exhaust	
HEPA Filter	Four, 99.999% efficiency at 0.3μm. Filter life indicator.		
Clean Level	Class 100（ISO Class 5）		
Front Window	Manual, Toughened glass, Anti UV		
Max Opening	380mm		
Noise	≤67 dB（A）		
Vibration	≤5μm		
UV Lamp	15W*3, UV timer, UV life indicator, emission of 253.7 nanometers for most efficient		
LED Lamp	8W*3		
Illumination（lx）	≥650(Each area)		
Sockets	The load of two sockets (Each area): 500W, total 6 sockets		
Display	LCD		
Control System	Microprocessor		
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity		
Work Surface Height	750 mm		
Material	Work Zone: 304 stainless steel		
	Main Body: Cold-rolled steel with anti-bacteria powder coating		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	500W		
Standard Accessory	LED lamp*3, UV lamp*4, Windproof plate*2, Waterproof sockets*6		
Package Size	2240*970*1450mm		1750*980*1440mm
Gross Weight	450kg		330kg