



HEPA filter with filtration efficiency of $\geq 99.995\%$ for $0.3\mu\text{m}$ particles size.

Ergonomics cabinet with angled front to enhance user comfort.

European Standard Sockets
230V, 3A



Shelf with IV Bar



Side windows on both sides for clear view & observation.

Height of the base stand can be customized according to user preference.

Anti-Bacterial Powder Coating



The Airflow Sensor keeps track of airflow in real-time to ensure user safety and provides alerts if airflow is inadequate.

Soft Touch LCD Screen Microprocessor Control displays all safety parameters at a glance.

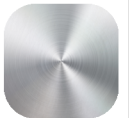
LED lamp designed for eye comfort.

UV lamp emissions 253.7nm for the best decontamination.

Electric front window, Anti-UV.



The work table made with high-grade 304 stainless steel, facilitating easy cleaning.



Universal caster with brake and leveling feet.



Model : PCR1300

PCR Cabinet that Protects Your Samples quality & performance

BIOBASE PCR Cabinet are designed with users insight at the forefront, specifically for contamination-free preparation of PCR and other nucleic-acid workflows. It prevent cross-contamination by ensuring that airborne particles and aerosols are filtered and controlled. Core applications in PCR/qPCR setup, NGS & library prep, molecular diagnostics, food & veterinary testing and various research workflows.

The soft touch LCD interface ensures that critical data and figures are easily accessible and highly visible, enhancing both functionality and user experience. The ergonomic cabinet design with angled front and glass side ensures ease of use and enhances user comfort during extended periods of operation. The filtration system offers superior protection against contaminants, achieving an impressive efficiency of 99.995% for $0.3\mu\text{m}$ particles!

Why lab choose BIOBASE PCR Cabinet

- Clean, unidirectional airflow with high-efficiency filtration to protect your samples from contamination.
- Integrated UV decontamination (with timer/interlock) to inactivate carryover DNA between setups, ensures sterile environment.
- Bright, ergonomic workspace with smooth, easy-to-clean surfaces to minimize retention of nucleic acids.
- Dedicated power outlets and space for pipettes, racks, and small instruments used in master-mix and sample setup.
- Workflow discipline - helps enforce strict separation of pre- and post-PCR areas to reduce false positives.

Key Features



LCD Display



Motorized Front Sash Window



User Safety Function



Dual Filtration System



UV Timer (0-99 min.)



SS304 Work Zone



Ergonomics Angled Front & Glass Sides



Anti-Bacterial Powder Coating

STANDARD ACCESSORIES

Cabinet
Base Stand
LED Lamp
UV lamp

2 x Waterproof Socket
Shelf with IV Bar

OPTIONAL ACCESSORIES

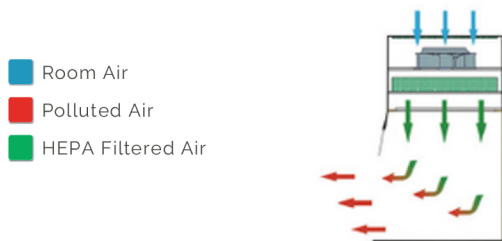
Electric Adjustable Height Base Stand

Laboratory Chair

Containment & Protection

The unidirectional vertical airflow provides a clean work area for PCR preparation. In addition, the built-in UV cycle decontaminates between amplifications and protects your samples against contamination of airborne particulates.

Note : PCR cabinets do not provide operator protection. It is for non-hazardous materials only.



SERVICE

We have a dedicated service team that ensures prompt responses to customer inquiries, improving the overall user experience.



CERTIFICATIONS & AWARDS

Certified by ISO9001, ISO13485, ISO 14001, SGS, CE, NSF, EN, FDA, MET etc.



GLOBAL PRESENCE

We have global partners in more than 190 countries and established overseas companies in United States, Dubai, India, Algeria, Singapore, Myanmar, Kazakhstan and many more.



BIOBASE Group Headquarter at Jinan, China.
Manufacturing Plants 932,900m²

Technical Specifications

Nominal Size	2 feet (32')	3 feet (40')	4 feet (52')	5 feet (59')
Model with Glass Side	PCR800	PCR1000	PCR1300	PCR1500
External Dimensions (mm)	800W x 700D x 1770H	1000W x 705D x 1770H	1300W x 700D x 1770H	1500W x 700D x 1770H
Internal Dimensions (mm)	700W x 595D x 550H	900W x 595D x 560H	1200W x 595D x 550H	1400W x 595D x 550H
Work Surface Height	750 mm			
Max. Opening	300mm	320mm	300mm	300mm
Airflow Velocity	0.3 -0.5m/s, adjustable speed			
Pre-filter	Washable Polyester Fiber			
HEPA Filter	Dual HEPA Filters, Filtration Efficiency ≥ 99.995% for 0.3μm particles			
Illumination	≥ 350 Lux			
LED Lamp	8W	8W	12W	12W
UV Lamp	20W	20W	30W	40W
Sound Emission	≤ 65dB			
Display Controller	Soft Touch LCD Screen			
Cabinet Construction	Body	1.2mm Cold-rolled steel with anti-bacteria powder coating		
	Work Table	304 stainless steel		
	Front Window	Electric front window, 5mm glass thickness, Anti-UV *3ft model have manual window		
Alarms	for abnormal wind speed, filter replacement, glass door not at safe height, power failure			
Motor	AC adjustable speed, high efficiency, low power			
Shelf with IV Bar	Stainless steel, 502w x 150D x 50H mm			
Power Supply	AC 230V, 50/60Hz			
Rated Power	400W	300W	600W	600W
Shipping Dimensions (mm)	960W x 940D x 1450H	1150W x 9300D x 1450H	1450W x 930D x 1450H	1650W x 930D x 1450H
Gross Weight	168kg	178kg	231kg	250kg

Not sure which cabinet is suitable for your work? Contact Us Now!



REF: MTX/BBS/PCR/24100-V0

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