PCR CABINET
BSC41-400

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It is designed to provide a controlled environment for the manipulation and amplification of DNA and RNA. From Dead-Air boxes to Laminar Flow UV Cabinets with HEPA filtration we have a solution to support your application. Safety is kept in mind for changing the filter.

Used in Research, Clinical laboratories, Hospital, Genetics, Microbiological.

Also known as PCR Hood, PCR Workstation.

BSC41-400 PCR CABINET

Global exclusive

Small dimension, save space, economical and convenient.

Automatic air speed adjustable with filter block.

With memory function in case of power-failure.

Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window

Audio and visual alarm: Filter replacement, window over height, abnormal air flow velocity etc

Time reserve function:This can set the UV lamp and fan working time

SPECIFICATIONS

Model	BSC41-400
Type	PCR Cabinet
Air Flow Velocity	Reagent Preparation area: 0.3-0.45 (m/s)
Specimen Preparation Area	Airflow Velocity - Downflow: 0.33±0.025 (m/s) Inflow: 0.53±0.025 (m/s) Airflow Volume - 210 (m3/h) Exhaust Type - TypeA2, 30% exhaust, 70% recirculation Pressure - Negative Operating Area Size (LxWxH) - 560x560x510 mm
Amplification Analysis Area	Airflow Velocity - ≥0.4 (m/s) Airflow Volume - ≥160 (m3/h) Exhaust Type - 30% exhaust, 70% recirculation Pressure - Negative Operating Area Size (LxWxH) - 440x560x510 mm
ULPA Filter	Four ,99.999% efficiency at 0.12μm.
Clean Level	Class 100(IS0 Class 5)
Front Window	Manual, Toughened glass, Anti UV
Max opening	400 mm
Noise	≤67 dB (A)
Vibration	≤ 5μm
UV Lamp	15W x3, UV timer, UV life indicator
LED Lamp	4W x6
Illumination	≥500 (Each area)
Display	Touch Screen
Control System	Microprocessor
Waterproof Socket	The load of two sockets (Each area): 500W, total 6 sockets
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity
Work Surface height	750 mm
Material	Work Zone Material: 304 stainless steel Main Body Material:Cold-rolled steel with anti-bacteria powder coating

Standard Accessory	LED lamp x6 UV lamp x4, Waterproof sockets x6
External Size (WxDxH)	1600x710x1900 mm
Package Size (WxDxH)	1750x980x1400 mm
Gross Weight	400 Kg
Consumption	600W, total 2100W (With load)
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz