



DESKTOP LAMINAR AIRFLOW BKF-501

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PCR DESKTOP LAMINAR FLOW CABINET



The PCR laminar flow cabinet extracts air from the laboratory, enters the operating area through a two-stage filtration system, forms a clean area, and finally discharges it into the laboratory.

The system includes a positive pressure HEPA filtration system that can form an uninterrupted ISO Class 5 air clean area in the sample preparation area.

The chamber can accommodate pipe racks, racks, suction tubes, micro centrifuges, and thermal circulators.

The control system adopts intelligent microcomputer control.

The workbench is made of integrated stainless steel, which is easy to clean, and the edges are bent with large arcs.

The maintenance port of the clean table is located on top, and the fan and filter can be replaced and repaired at the top of the clean table.

SPECIFICATIONS

Model	BKF-501
Internal Dimensions (W*D*H)	580*500*450mm
External Dimensions (W*D*H)	600*550*840mm
Clean grade	100 grade@ $\geq 0.5\mu\text{m}$ (209E U.S Federal)
Number of bacteria	≤ 0.5 per/utensil-hour ($\Phi 90\text{mm}$ utensil)
Average speed	0.25~0.45m/s
Noise	$\leq 62\text{dB(A)}$
Vibration half peak	$\leq 5\mu\text{M(x,y,z)}$
Illuminance	$\geq 300\text{Lx}$
Power supply	AC single phase 220V/50Hz
Maximum power	800W(Including sockets)
Weight	50KG
Suited for person	Single person single side
Specification and quantity of high-efficiency filters	515x405x50
Specification and quantity of fluorescent/ultraviolet lamps	5Wx/10W
Alt Name	PCR Desktop laminar flow cabinet

FEATURES

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The lighting and sterilization system is interlocked with a backup socket design, ensuring safe and convenient use.

The box body adopts cold rolled steel plate spray molding technology, with a delicate and delicate appearance.

The flip glass door limits the height of the work area, and the design of bilateral perspective windows provides better lighting effect and a wider field of view.

Integrated design of built-in HEPA high-efficiency filter, with clean airflow covering the entire working area, resulting in better wind speed and cleanliness.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com