



CLASS III BIOSAFETY CABINET
LBCT-A10

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Class III Biosafety Cabinet LBCT-A10 is designed to work best with risk groups or isolation of type 04 hazards. The gas-tight enclosure design ensures the safety of the environment and that of worker from the specimen that being studied. Work is performed with long-sleeved gloves. Device is kept under negative pressure of at least 120 Pa, dedicated exterior exhaust system maintained the airflow of cabinet and offers total barrier protection for operator, product and environment.

FEATURES

- With memory function in case of power-failure
- UV lamp ensures work area sterilization effectively
- Exhaust air is double-filtered through high-quality HEPA filters
- Integrated pass-through with interlocking doors
- Polyester fiber is washable through Pre-filter
- Designed by audio and visual alarm
- Front window: 8mm toughened glass, anti-ultraviolet radiation
- Equipped by fluorescent lamp and UV lamp for sterilization effectively
- LCD display control panel

APPLICATION

Biological Safety Cabinet Class III are among the most effective and most commonly used primary containment devices in laboratories working with infectious agents. Designed for an absolute level of containment, it is frequently used for work involving the deadliest biohazards, bacteria, viruses and microorganisms.

SPECIFICATIONS

Model no.	LBCT-A10
External dimension (W×D×H)	1540×880×2000mm
Internal dimensione(W×D×H)	910×650×660mm
Pre-filter	Polyester fiber, washable
Negative work zone pressure	≥ -120 Pa
HEPA Filter Air supply	99.999% efficiency at 0.3μm
HEPA Filter First Exhaust	99.999% efficiency at 0.3μm
HEPA Filter Second Exhaust	99.999% efficiency at 0.3μm
Noise	NSF 49 ≤61 dB/EN 12469≤48 dB
number of gloves port	2
Gloves type	One pair of 800 mm butyl rubber gloves
Front Window	8 mm toughened glass, anti-ultraviolet radiation
Pass Box Internal dimension (W×D×H)	430×330×355 mm
Pass Box External dimension (W×D×H)	575×425×495 mm
Alarm	Audio and visual alarm, abnormal pressure; filter replacement
Work Zone Material	304 stainless steel
Illumination	≥ 1000 lux
Power consumption	1300 W
LED lamp	16 W × 2
UV lamp	30W×2, 8W×1, Emission of 253.7 nm f or most efficient decontamination
Power Supply	AC220 V±10%,50/60 Hz;110 V±10%,60 Hz
Gross weight	450 kg
Package Size(W×D×H)	1890×1065×2240 mm
Standard Accessories	Gloves 01 pair,Fluorescent lamp×2 pcs. UV lamp×4 pcs., Remote control 1 pc., Pressure meter 1 pc., Drain valve 1 pc.