



Class I Biosafety Cabinets

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Class I biosafety cabinet MBSC-1 Series is a floor mounted containment with 100% air exhaustion. The HEPA filter exhaust system promotes development of experimentally suitable environment. Its feature to limit the exposure to low to moderate risk chemical samples and biological cultures ensures reliability in operation. It is designed to operate providing personnel and environmental protection.

Features:

- ▶ Digital LCD screen for visual monitoring of set parameters
- ▶ Fixed work access opening
- ▶ UV lamp provision to avoid contamination
- ▶ External hard duct exhaust system
- ▶ Experimentally accessible from low to moderate risk agents
- ▶ Efficiently designed interior baffles for stable placement of samples
- ▶ Anti-corrosive external structure

Applications:

Used for enclosing equipment like centrifuges, necropsy, balances, fermenters, and for performing tissue culture, immunological experiments, microbiological experiments, etc.

Specifications :

Model No.	MBSC-1A
HEPA filter	0.3 μ m
Air in flow	75 FPM
Air down flow	75 FPM
Air exhaust	1
Wavelength	254 nm
HEPA filter exhaust dimension	300 × 300 × 50 mm
HEPA filter down flow dimension	1220 × 610 × 50 mm
Luminescence	> 600 lx
Noise level	< 65 dB
Internal dimensions	1780 × 630 × 570 mm
External dimensions	1910 × 780 × 2000 mm
Weight	596 kg

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