

Laminar Flow Cabinet



HEPA-filtered clean workstation in horizontal or vertical airflow versions that keeps samples free of airborne contamination.

Key features

High-quality construction

- Internal chamber made of AISI 304 stainless steel for durability and easy sterilization
- External body coated with anti-bacterial powder finish for enhanced protection and long service life

Advanced air filtration system

- HEPA H14 filter with 99.99% efficiency at 0.3 μm
- Ensures removal of airborne particles and contaminants
- Uniform laminar airflow for consistent sample protection across the work zone

UV sterilization system

- Built-in UV lamp (30W or 40W depending on model)
- Effective elimination of microorganisms before and after operation
- Maintains a sterile working environment

High-performance lighting

- Fluorescent lighting (28W or 36W depending on model)
- Provides bright, uniform illumination for precise laboratory work

User-friendly control system

- Digital LCD display for easy monitoring and control
- Integrated internal electrical sockets for laboratory equipment



- Ergonomic design for safe and comfortable operation

Advantages

- Creates a fully clean and contaminant-free workspace
- Protects samples from cross-contamination
- Enhances operator safety during sensitive procedures
- Suitable for biological, pharmaceutical, and industrial applications
- Easy cleaning and maintenance for long-term reliability

Applications

- Microbiology and cell culture
- Pharmaceutical research and quality control
- Electronic component assembly
- Medical device manufacturing
- Educational and training laboratories

Models and specifications

Model	Internal size (W×D×H) (cm)	External size (W×D×H) (cm)	HEPA efficiency	UV lamp	Internal sockets	Control display	Work table
LMX-60T	60 × 60 × 60	60 × 60 × 220	99.99% @ 0.3 μm	30W × 1	1	LCD	AISI 304 stainless steel
LMX-90T	90 × 70 × 60	100 × 80 × 220	99.99% @ 0.3 μm	40W × 1	2	LCD	AISI 304 stainless steel
LMX-120T	120 × 70 × 60	130 × 80 × 220	99.99% @ 0.3 μm	40W × 1	2	LCD	AISI 304 stainless steel
LMX-150T	150 × 70 × 60	160 × 80 × 220	99.99% @ 0.3 μm	40W × 1	2	LCD	AISI 304 stainless steel
LMX-180T	180 × 70 × 60	190 × 80 × 220	99.99% @ 0.3 μm	40W × 1	2	LCD	AISI 304 stainless steel
LMX-200T	200 × 70 × 60	210 × 80 × 220	99.99% @ 0.3 μm	40W × 1	2	LCD	AISI 304 stainless steel

Warranty

One-year comprehensive warranty on all devices · Two-year warranty against manufacturing defects · Maintenance contract after the warranty period