

# Mini Laminar Flow Cabinet

## OVERVIEW:

The Mini Laminar Flow Cabinet is a compact and efficient workstation designed to provide a clean, particle-free environment for handling sensitive laboratory samples. It operates by directing air through a high-efficiency HEPA filter to ensure a continuous flow of sterile air across the working surface, protecting the samples from contamination. Despite its small size, the Mini Laminar Flow Cabinet maintains high performance and stability, making it ideal for laboratories with limited space or for quick sample preparation tasks. It is commonly used in microbiology, pharmaceutical production, tissue culture, and research facilities where maintaining sample integrity is essential.

## KEY FEATURES:

**Compact & Space-Saving Design:**  
Suitable for small laboratories or limited working spaces.

**Stable Laminar Airflow:**  
Provides constant, uniform, and unidirectional airflow to protect samples from contamination.

**Energy-Efficient DC Motor:**  
Ensures low power consumption and long service life.

**High-Quality Stainless Steel Work Surface:**  
Resistant to corrosion and easy to clean.

**Front Acrylic Shield / Transparent Viewing Panel:** Enhances visibility while maintaining user safety.



**HEPA/ULPA High-Efficiency Filtration System:**  
Removes ≥99.97% of airborne particles down to 0.3 microns to ensure a sterile work environment.

**Low Noise & Low Vibration Operation:**  
Designed to ensure comfort during extended working hours.

**UV Germicidal Sterilization Lamp:**  
Effectively disinfects the working area between uses.

**LED Lighting for Clear Visibility:**  
Provides bright and comfortable illumination of the workspace.

**Easy Control Panel / Touch or Button Interface:**  
Allows simple control of airflow, lighting, and UV operation.