MOBILE LAMINAR FLOW UNITS

Mobile Laminar Flow Units are designed to provide sterile conditions on the move, ensuring that critical processes remain uncontaminated. These units are constructed from stainless steel and equipped with wheels for easy mobility. They are specifically designed to transfer sterile products under ISO Class 5 according to ISO 14644-1.

Key Features

- **Mobility:** The unit is made of stainless steel and is easily movable with its wheels.
- **Sterile Environment:** Designed to transfer sterile products under ISO Class 5 (ISO 14644-1) conditions.
- **Ventilation Design:** Creates a clean environment inside the working zone with positive pressure, preventing cross-contamination from the surrounding environment.
- **Lithium Battery:** Equipped with a lithium battery to ensure operation during power cuts and mobile applications.

Operation Specifications

- **Positive Pressure Working Zone:** Ensures a sterile environment by maintaining positive pressure within the working zone.
- **Stainless Steel Construction:** Body structure made entirely of AISI 304 stainless steel for durability and ease of cleaning.
- **Various Dimensions:** Available in multiple dimensions to fit different needs.
- **Improved Airflow Distribution:** Enhanced design for better airflow distribution within the unit.
- **Advanced Fans:** Equipped with high technology AC or EC fans.
- **Adjustable Airflow:** Airflow can be adjusted with a variable speed controller.
- **Constant Speed Controller:** Available upon request for applications requiring constant airflow.
- **Horizontal Airflow:** Provides a horizontal airflow along each cage.
- **Stainless Steel Shelves:** Features solid stainless steel shelves for secure storage.
- **Easy Mobility:** Easily movable in any direction with wheels.
- **High-Quality HEPA Filter:** Equipped with a high-quality HEPA filter.
- **Easy HEPA Filter Replacement:** Designed for easy replacement of the HEPA filter.
- **Lithium Battery:** Ensures operation for extended periods during power outages.
- **Magnehelic Manometer:** Monitors the differential pressure across the HEPA filter.
- **Test Aerosol Nozzle:** Includes a nozzle for supplying test aerosol for DOP (EMERY) testing.

