

Protective Mask Leakage Tester

This portable device is designed to test the serviceability and fit of protective masks. It assesses the degree of leakage under various simulated conditions.



Overview

Professional Mask Integrity Testing

The JSMLT is a portable, self-contained device engineered for comprehensive serviceability and fit testing of NBCD/CBR-D protective masks. It offers both quantitative fit testing for users and rigorous leakage testing for mask components, ensuring safety compliance without requiring operators to wear the equipment during bench tests. Designed for rapid deployment, the system features a rugged, shippable case and intuitive touch-pad controls, making it ideal for field or facility use.

Key Features

System Capabilities

Quantitative Fit Testing, Leak Isolation, Self-Diagnostics, Menu-Driven Interface, Universal Power Supply, Visual/Audible Alarms

Testing Capabilities

Available Test Modes

Test Name	Description
Mask Leakage Test	Tests masks for leakage with or without hoses; includes probe mode for leak isolation.
Drink Tube Flow Test	Checks for airflow obstruction and resistance through the drink tube.
Drink Train Assembly Leakage	Measures airflow leakage through the entire drinking assembly.
Drink Valve Seat Test	Identifies leakage specifically in the drink tube coupling.
Outlet Valve Test	Checks leakage from the mask outlet valve under pressure.
Quantitative Fit Test	Measures aerosol breach while the subject wears the mask; provides pass/fail result.

System Components

Included Components

- Control Unit
- Power Unit
- Aerosol Generator Assembly
- Fit Test Kit

Hardware & Adapters

- Universal clamping assembly
- Inflatable mask seal
- Clamping adapters
- Interchangeable plastic headforms (2 sizes)
- Rugged shippable case

Operational Details

Maintenance Requirement

Low Maintenance

Portable Design

Yes