



JSMLT / PMLT

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Applications

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- [Mask Filter Testing](#)
 - [Military / Commercial Nuclear Facilities](#)

A trusted partner of the U.S. Military

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The PMLT utilizes the same technologies used by both the United States military and NIOSH to test masks designed to meet strict Chemical Biological Radiological and Nuclear (CBRN) requirements. Furthermore, the PMLT has been subjected to aggressive testing and fielded by the United States military through the Joint Program Executive Office as the Joint Services Mask Leakage Tester (JSMLT).

Ease of use and compatibility

The standard PMLT is supplied with two (2) test heads and all accessories required to test virtually all respirators and gas masks on the commercial market. Optional test heads and fixtures are also available.



A leakage isolation test allows the operator to isolate the location of a leak and possibly remedy the situation; thereby permitting the continued fielding of the mask. Mask components that are prone to leaks include: voicemitters, exhalation ports and disks, inlet port seals, and drink hoses and couplings.

The user interface is a simple, easy to use touchpad and digital display. A universal power supply ensures the unit is operable almost anywhere in the world. All tools and materials are neatly stored and transported in a rugged self-contained Pelican™ case.

PRODUCT SPECIFICATIONS	
Size	32" (L) x 22.5" (W) x 20" (H) while packed
Weight	~90 lbs/41 kg packed, ~60 total unpacked
Power Supply	100 to 250 Volts AC, 50/60 Hz
Aerosol Reagent	Poly-dispersed oil (PAO-4)
Aerosol Detection	Near-forward light scattering photometer
Detection Range	0.0005 to 100%
Fit Factor Limit	200,000
Data Output	RS-232 serial port
Patents	6,435,009 / 6,848,297 / 7,140,234 / 7,343,783