



Joint Service Mask Leakage Tester (M26)

JSMLT

Description

The JSMLT is a portable device that is capable of determining serviceability, proper fit and identifying defective components of Chemical, Biological, Radiological and Nuclear (CBRN) protective masks. This system combines all of these features in one unit, providing a capability currently not available in the battle space to quantitatively test protective masks for defects and to assess the fit of the mask on an individual. The JSMLT is interoperable with the M40/M42, MCU-2/P, M45, M50/51 (JSGPM), and M53 Masks, as well as the Joint Service Aircrew Mask MPU-5/-6 and MBU-26/-27. The JSMLT is also capable of testing many commercial-off-the-shelf (COTS) respirators such as the MSA Millennium Mask.



Mission

To provide the operator with an audible and visual indication if a component is defective or if the fit does not meet accepted Service-specific standards.

Capabilities

- Ability to locate leaks and identify defective components
- Five types of mask serviceability testing capabilities: mask leakage, outlet valve, drink seat, drink train and drink flow
- Performs Quantitative Fit Factor (QFF) tests with the same protocol used by the M41 Protective Assessment Test System (PATS)
- Includes two test heads to allow testing of various mask sizes
- Portable
- Incorporates functions of four legacy serviceability testers (M14, Q204, Q179, M4A1) and the M41 PATS

Users

USSOCOM, US Navy, US Marine Corps, US Coast Guard, US Air Force

Status

Production and Deployment

This Fact Sheet was cleared for public release on 2/1/2012.

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