



Chemical Biological Mass Spectrometer

CBMS

Description

The Chemical Biological Mass Spectrometer (CBMS) Block II is an ion-trap mass spectrometer that detects and identifies chemical agents on the Stryker Nuclear, Biological, Chemical Reconnaissance Vehicle (NBCRV). The CBMS Block II can be further enhanced to detect and identify an expanded list of threat agents.

Mission

Detect and identify Chemical Warfare Agent (CWA) contamination on the ground (liquid) as a component of the Stryker NBCRV.

Capabilities

- Chemical Detection
- Provides real time CWAs detection and identification
- Integrates with the Chemical Ground Probe and Dual Wheel Sampling System to detect liquid and solid ground contamination while on the move.



Users

US Army

Status

Sustainment

This Fact Sheet was cleared for public release on 6/29/2017.

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