



## M22 Automatic Chemical Agent Detection Alarm

### ACADA

#### Description

The M22 Automatic Chemical Agent Alarm (ACADA) is an automatic chemical agent alarm system capable of detecting, warning and identifying standard blister and nerve agents simultaneously. The M22 is man-portable, operates independently after system start-up, provides an audible and visual alarm and provides communication interface to support battlefield automation systems.

#### Mission

Provide detection and warning for nerve and blister agents.

#### Capabilities

- Area Warning
- Collective Protection Equipment (CPE) monitoring
- Operation on and in vehicles
- Provide simultaneous detection and warning of nerve and blister agents
- Significantly more sensitive than M8A1
- Much less responsive to interferences than M8A1

#### Users

US Navy, US Marine Corps, US Army, US Air Force

#### Status

Sustainment



This Fact Sheet was cleared for public release on 11/25/2011.

Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), CBRN.IRC@us.army.mil,  
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919