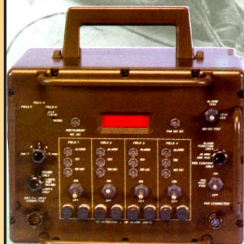


ACAL

Chemical warfare agents detection and alarm system.

Automatic chemical alarm, local.



Remote alarm unit allows for networks to be formed with up to four alarm and/or detector units by means of standard field telephone cable, and is provided with LED status display, as well as audible signals.



When chemical agents are used by the opponent, the highly sensitive ACAL detection and alarm system of Oldelft offers security. Timely, effectively and without any false alarms. ACAL is supplied with Built-In Test Equipment (BITE) which automatically monitors the proper functioning of the system, and with disposable liquid containers for 24 hours of operation.

A training mode is a standard feature. The "end of alarm" situation is displayed automatically.

ACAL can be used in the field, fitted on a vehicle, stand-alone or in a network. For this purpose, an interconnectable remote alarm unit is available. ACAL can be extended with an automated pyrotechnical alarm system.

Historisch overzicht

In de periode 1984-1985 zijn van het automatische strijd-gassen detectie systeem Acal, 7 prototypen/preproductieexemplaren voortgebracht ten behoeve van de Nederlandse Landmacht.

Acal maakt gebruik van het verkleuren van enzymen ter detectie van strijdgassen.

Deze methode is omslachtig gebleken en heeft de race niet kunnen winnen tegen de toen inmiddels op de markt verkrijgbare compacte elektronische sensor systemen.◇