



CHEM-2-IWC-H

Features

- Portable / Hand Held (CHEM-2-IWC-H)
- Intuitive User Interface
- Real-Time Detection
- Internal Pump with Continuous Airflow
- Wide Range of Detectable Chemicals - (CWA/TIC)
- Expandable Detector Network
- Wireless Network Connectivity
- Built-In GPS and Group Location
- Simulation Training Mode
- Chemical Database and Instructions
- Optimized Usability
- Lowest Maintenance Costs in its Class
- **Optional** Full CBRN Detection Capability
- **IP67**

Chemical Detector

Model: CHEM-2-IWC-H

Application

- Hazardous area perimeter definition
- Battlefield detection and monitoring
- Unmanned area monitoring
- Chemical reconnaissance and surveillance
- Locating leaks and faulty containers
- Customs and border control
- Mass and VIP events security

Description

Chem-2-IWC-H rely on a unique and enhanced open-loop Ion Mobility Spectrometry (IMS) technology for chemical detection and identification.

A real-time trend display allows for chemical surveillance, warning for areas with higher concentration of hazardous compounds, even before it reaches alarm triggering levels. Real-time location and alarms are shared between the team members and the Command Centre.

An alarm can be triggered using Bluetooth sources, and complex simulations can be created using Mobile C&C and Training Software.



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Chemical Detector

Model: CHEM-2-IWC-H

Specifications

Detector:	Orthogonal detection using: <ul style="list-style-type: none">- Open-loop (aspirated) IMS cell- Multiple semiconductor sensors
Display:	3,5" Full color graphical LCD display and 3 operation keys
Alarm Indicator:	Audible alarm; Visual alarms (display / LED)
Training:	Built-in training mode
Data Download:	WLAN, WPAN, Radio Data, GPS USB memory stick Ethernet (optional accessory) up to 10 device per group with radio data
Sampling:	Internal pump with continuous airflow
Power:	110 – 250 VAC, 50 – 60 Hz.
Batteries:	Easily interchangeable Li-Ion rechargeable (3 x AA) battery packs Battery hot swap with power bank
Operating Temp:	-25° F to 131° F (-32° C to 55° C); RH: 0-95% non-condensing
Calibration:	Not required
Shock and Vibration:	MIL-STD-810G; Highly resistant to shock and vibration. Drop resistance 48" (1.22m)

Weight and Dimensions:

Dimensions:	Approx. 6.3" L x 3.9" W x 2" D (16.0 cm x 10cm x 5.0 cm)
Weight:	Approx. 27 oz (770 g) (w/Li-Ion battery)

Other Features: CHEM-2-ICW-H

- User adjustable data logging
- Interface Software Team display
- Agent database
- Rapid response instructions

Options: CHEM-2-ICW-H

- Standard Accessory Kit (SAK) CBRN Kit
Simulation Source Set
- Nerve, Blister, Blood, Toxic
+ Alarm Module
- Repeater and Remote Alarm Unit
- Charging Station
- Ethernet Adapter
- Mounting Bracket
- Battery Pack (AA)



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