

CL 407

PRODUCT SPECIFICATION SHEET

Handheld Chemical Agent Detector



HANDHELD

Chemical Agent Detector

The Handheld Chemical Agent Detector works on the principle of flame spectrophotometry, it detects **Nerve agents** (G-series) and **Blister agents** (H-series) under vapor form.



Applications

Military Force

NDRF

Law enforcement

Civil Defence

Homeland Security

Hazmat Team

Feature Highlights

- Single-handed operation
- High Sensitive Detector
 - Nerve Agent (G): 0.05 mg/m³
 - Blister Agent (H): 0.5 mg/m³
- Response time: <30 seconds
- Fast in recovery: <30 seconds
- Fully Automatic detector
- Detects CW Agents in vapor, aerosols and dusty form
- No calibration is required when startup

Specifications

DETECTION METHOD

Flame spectrometry

DETECTOR

PMT

SENSITIVITY

Nerve Agents 0.05 mg/m³
(Sarin, Tabun, Soman etc.
(G series agents))

Blister Agents 0.5 mg/ m³
(Mustard gas (HD),
(H Series agents))

FLAME SYSTEM

Hydrogen & Air

H2 STOCKER CAPACITY

10 Lt

POWER REQUIREMENTS

Li-Ion battery 7.4 VDC/5A

RANGE

Nerve Agents 0.05 to 5 mg/ m³
(Glow all LEDs above 5 mg/ m³)

Blister Agents 0.5 to 10 mg/ m³
(Glow all LEDs above 10 mg/ m³)

PHYSICAL DIMENSIONS

Size (LxWxH) 370x85x130 in mm

Weight 2.5Kg (Approx)

ACCESSORIES

Battery charger 8 VDC/0.8A

Gas refill connection tube set of H2 stocker 1/8 ferrule connection, Stocker quick connector valve and Tube connector

DATA PRESENTATION

Readout LED-Bar Graph;
'G' Column: 1 to 5 Level
'HD' Column: 1 to 5 Level



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B-90, A.P.I.E., Sanathnagar, Hyderabad 500 018, Telangana., India
Tel +91 40 44451234 Fax +91 40 23771639 info@elico.co

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