

CL 408

PRODUCT SPECIFICATION SHEET

24x7 Standalone Chemical Agent Detector



24X7 STANDALONE Chemical Agent Detector

The 24x7 Standalone Chemical agent detector works on the principle of flame spectrophotometry, it detects **Nerve agents** (G-Series), **Blister agents** (H-Series), **Blood agents** (Arsenic and Nitrogen mustard), It can also detect Toxic Industrial Chemicals (TIC) under vapor, aerosols and dust form.



Applications

Military Force

NDRF

Law enforcement

Civil Defence

Homeland Security

Hazmat Team

Feature Highlights

- 24x7 Standalone Detection System
- High Sensitive Detector
 - Nerve Agent (GB): 0.5 mg/m³
 - Blister Agent (HD): 1 mg/m³
 - Blood Agent (As): 5 mg/m³
 - Nitrogen mustard: 10 mg/m³
- Simultaneous detection of Nerve, Blister and Blood agents
- Fast in response and recovery
- Fully automatic detection system
- Detects CW agents & TICs under vapor, aerosols and dust form

Specifications

DETECTION METHOD

Flame spectrometry

DETECTOR

Linear Array Photodetector

FLAME SYSTEM

Hydrogen & Dry Air

H2 gas purity

≥ 99.99%

PHYSICAL DIMENSIONS

Dimensions < 58x43x30 in cm

Weight < 20 Kg

POWER REQUIREMENTS

220V AC, 50Hz, 90 VA Max.

SENSITIVITY

Nerve Agents 0.1 mg/m³
(Sarin, Tabun, Soman etc.
(G series agents))

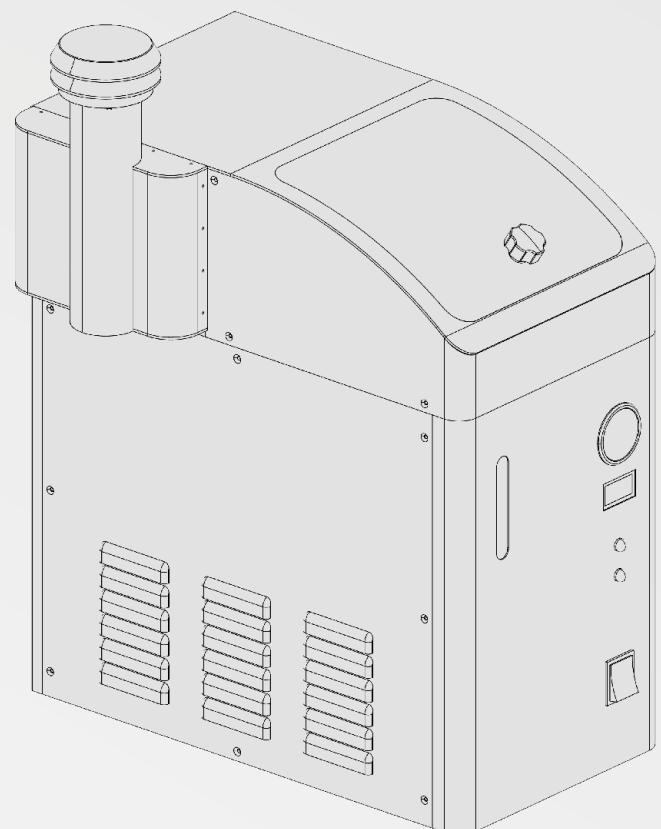
Blister Agents 1 mg/ m³
(Mustard gas (HD),
(H Series agents))

Arsenic 5 mg/ m³
(L,SA)

Nitrogen Mustard 10 mg/ m³
(HN,AC)

DATA PRESENTATION

Readout PC / Display Module



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of our Journey



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