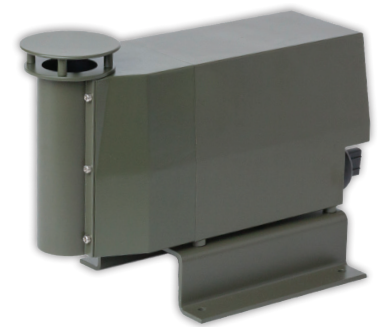


AP4C-V

Chemical Detection System

by **Proengin**

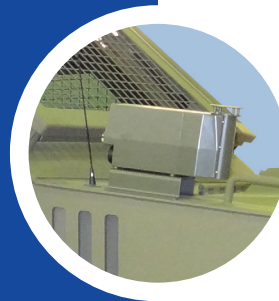


EXCELLENCE IN CBRN THREAT MANAGEMENT

The AP4C-V is a mounted solution for vehicle or fixed site that provides continuous detection of chemical threats.

It can detect a broad range of conventional and unconventional substances such as chemical warfare agents, toxic industrial chemicals, homemade terrorist mixtures, and non-traditional agents (e.g. Novichok).

Alarm and sampling is fully automatic and requires no action from the user. The AP4C-V can easily be installed as a stand-alone system with its own visualization and control module, or be integrated to the onboard vehicle combat system via a simple communication protocol.



KEY FEATURES

- Continuous & simultaneous detection
- Detects at while in movement
Quick start-up and response time
- No library / No filters
- External & airtight sampling
- Flexible & easy integration
- Performs under harsh conditions (dust, humidity, temperature)

APPLICATION

- CBRN vehicles
- Reconnaissance vehicles
- Light, APC, or MBT class
- Land and naval platforms
- Static or mobile applications

DETECTION

- All nerve agents
- All blister agents
- All blood agents
- All NTA such as Novichok
- Choking agents
- Numerous toxic industrials



AP4C-V

Chemical Detection System

CONTENT

Based on the initial requirement, Proengin offers various options of deliverable from full system integration to ready to mount kit.

KIT OPTIONS

- AP4C-V system: main detector with visualization and control module (VCM)
- AP4C-V detector: main detector without visualization and control module (VCM)

ACCESSORIES & SERVICES

- AP4C kit: handheld detector with gas and liquid sampling capability for dismounted troops
- Integration of the AP4C-V system to the end-user platform
- Prepaid maintenance and extended warranty options available upon initial acquisition
- For training, technical support or maintenance, contact us at support@proengin.com

SPECIFICATIONS*

Technology: Flame spectrometry

Detection range: Unlimited, CWA, TICs & TIMS, NTAs, Novichoks, binaries, opioids & Fentanyl

Sensitivity: sub-ppm range

Mobile detection at speed up to 110 km/h / 68 mph

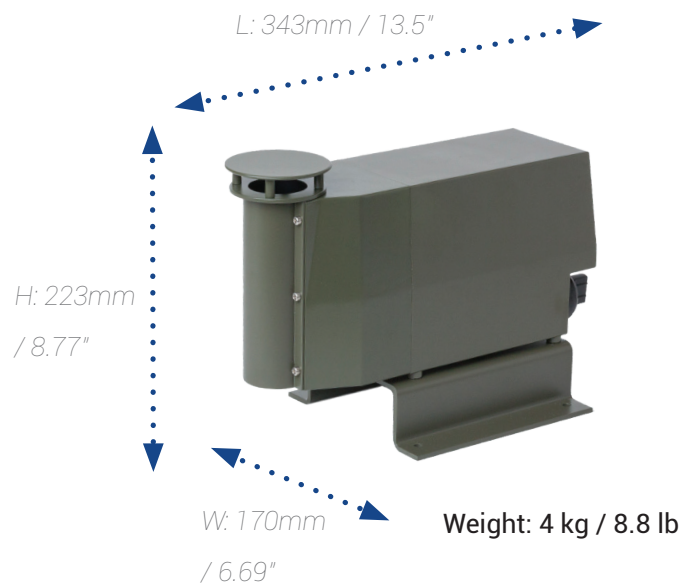
Operating temperature: -32°C to +50°C / -25°F to 122°F

Communication: RS-485 interface

Data storage: Internal memory, 530 hours loop recording

Powers supply: 12-28 VDC or 115-230 VAC (regulator)

Hydrogen run-time: 24 hours (2 cylinders)



*Specifications are subject to change