

AP4C-F

MARINE & CRITICAL INFRASTRUCTURE DETECTION SYSTEM

The AP4C-F is a chemical detector for gas and aerosol that provides continuous 24/7 monitoring for land or naval assets. It can detect a broad range of conventional and unconventional threats such as chemical warfare agents, toxic industrial chemicals, homemade terrorist mixtures, and nontraditional agents.

Designed to withstand the harsh environment of naval operation, the AP4C-F is not sensitive to humidity and salt spray. Fully automatic alarm and sampling requiring no action from the operator.

It is a combat proven system which has been tested and is in use with several navies, first responder fireboats, as well as on buildings and key infrastructure worldwide.



KEY FEATURES & BENEFITS

- Continuous & simultaneous detection
- Detection results within seconds
- Designed to sustain marine application
- Quick start-up and response time
- No library / No filters
- External & airtight sampling
- Flexible & easy integration
- Rugged design for field use and to withstand harsh environments (dust, humidity, temperature)

IDEAL FOR

- Naval platforms
- Strategic sites
- Military shelters
- Transportation hub
- Mass transit

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SPECIFICATIONS*

Size:	332 x 400 x 606 mm (13.1" x 15.7" x 23.9")
Weight:	~18kg (39.7 lbs) with electrolyze systems
Sensing Technology	Hydrogen Flame Spectrometry
Detection:	CWA (including 4th generation), TIC / TIM Gas, aerosols
Mode:	Instant concentration or dose
Alarms:	Factory configuration based on customer needs
Power Supply & Consumption:	24-28VDC power block (110W peak at start up; 30 – 60W running)
H₂ Running Time:	H ₂ produced through embedded electrolyzer 28 days H ₂ autonomy on 1 water bottle
Data Logging:	Built in 32Mbit flash memory; ~around 530h data logging capability
Storage Temperature:	-39°C to +71°C / -38°F to +160°F
Operating Temperature:	-25°C to +55°C / -13°F to +131°F
Operating Humidity:	93% HR (non condensing) @ 55°C (131°F)
Environmental Conditions:	Tested against heavy rain, salt, fog, ice & freeze
Connectivity:	RS485 to a third-party solution or Proengin software solution
Regulation/Performance Test:	GAM EG 13/ Electromagnetic Compatibility Certifications CE tests (EN 50270)
Warranty:	1 year

* Specifications subject to change 

ACCESSORIES & SERVICES

Prepaid maintenance and extended warranty options are available upon initial acquisition. 

Proengin does offer turn Key CBRN integration solutions, please do not hesitate to contact us for more details.



Proengin

FOR MORE INFORMATION:

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