Proengin

AP4C⁺

UNIVERSAL CHEMICAL THREAT DETECTOR

The AP4C⁺ is a connected, hand held & wearable chemical threat detector that can measure and detect the presence of chemical threats in real-time.

The AP4C⁺ is the perfect solution for confirming the presence of any chemical threat at a scene or whilst on a mission, thanks to its extremely fast response time and unrivaled sensitivity. Utilising the same core detection technology as the AP4C, the AP4C⁺ is smaller in size and lighter in weight allowing it to be easily integrated on any UAV / UGV third party solution.

This multi operation tool has been designed to continue testing whilst on the move and is suitable for special forces, CBRN specialists and law enforcement.

KEY FEATURES & BENEFITS

- Universal chemical threat detector
- Connected
- Unmanned mission ready
- Stealth mode
- Designed to withstand harsh environments
- Rugged design for field use
- Ergonomic design
- Handsfree

IDEAL FOR

- Special forces
- CBRN specialists
- UAV - UGV operations
- Law enforcement teams

AP4C⁺

UNIVERSAL CHEMICAL THREAT DETECTOR

SPECIFICATIONS[1]

Size:	210 × 180 × 64mm (8.26" × 7.08" × 2.51") with sampling nozzle and handles
Weight:	~1.3kg (2.86 lbs) without batteries and with 1 × H2 Cartridge
Sensing Technology:	Hydrogen Flame Spectrometry
Detection:	CWA (including 4th generation), TIC / TIM, PBA Gas, aerosols, liquids & powders[2]
User Interface:	Easy to understand display Instantaneous channel values and instrument status
Battery Options:	Disposable battery and rechargeable battery options available
Battery Running Time[3]:	Up to 12hours (room temperature)
Keypad Buttons:	1 selector for different mode (incl. Stealth mode)
Alarm Modes:	Internal audible alarms 85dBA @ 10cm buzzer Internal vibration system Optional external audio system Optional vibration system
Data Logging:	Built-in 32Mbit flash memory ~500h data logging capability
Radio[4] Module Options:	Optional embedded wireless connectivity module[5]
Storage Temperature:	-39°C to +71°C / -38°F to +159°F
Operating Temperature:	-32°C to +50°C / -25°F to +122°F
Humidity:	Operational: 3 to 100% HR (non condensing) Storage: 1 to 100% HR (non condensing)
IP Rating:	IP65 (pending)
Regulation/Performance Test:	CE Designed to comply with MIL STD 810H Designed to comply with MIL STD 461G
Warranty:	1 year

1. Specifications are subject to change
2. When used with Proengin sampling solutions
3. Specification for non-wireless monitors
4. Additional equipment and/or software licenses may be required to enable remote wireless monitoring and alarm transmission
5. Contact Proengin for country specific wireless approvals and certificates

ACCESSORIES & SERVICES

Sampling Solution S4PF

KIT OPTIONS

AP4C⁺ is available with several configurations and with several accessory levels.

Please contact sales teams for more details.

Proengin

FOR MORE INFORMATION:

WORLDWIDE
contact@proengin.com

USA(only)
contactusa@proengin.com

To maximise the value of Proengin's solutions, including white papers, webinars, training and more, visit Proengin Academy.