

## AP4C<sup>+</sup>

### UNIVERSAL CHEMICAL THREAT DETECTOR

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

The AP4C<sup>+</sup> 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<sup>+</sup> 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<sup>+</sup>

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### SPECIFICATIONS<sup>1</sup>

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

Please contact sales teams for more details.

# Proengin

### FOR MORE INFORMATION:

WORLDWIDE  
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USA(only)  
contactusa@proengin.com



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