

S4PF

SAMPLING SOLUTION FOR LIQUIDS & POWDERS

Proengin's S4PF solution coupled with existing AP4C technology, is the only available solution on the market with the unique ability to detect threats in both powder and liquid form.

In the recent decades, the nature of threats has evolved (e.g Novichoks, opioids crisis). In the case of chemical warfare agents, many different types are not in the gaseous state at ambient temperatures (20°C, 1 atm.). This is particularly the case for 4th generation CWAs, making it a challenge for detection technologies.

The S4PF scraper collects substances by friction from the polluted surface. After inserting the S4PF into the sampling pipe of the AP4C, the scraper quickly warms up to evaporate the collected substances. The AP4C will then detect the presence of the threat in the vapours generated.



KEY FEATURES & BENEFITS

- Expanded AP4C detection capability on liquid and solid threats
- Trace & bulk detection capability
- Proven efficiency on Fentanyl, 4th generation Chemical Warfare Agents
- Compatible with both AP2Cs and AP4Cs
- Rugged design for field use
- One hand operation
- Fully automatic with improved user interface for ease of use and minimal training
- Designed to withstand harsh environments (dust, humidity, temperature)
- Detection results within seconds

IDEAL FOR

- Military forces
- First responders
- Law enforcement
- CBRN specialists
- HazMat teams
- Customs and border protection

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SPECIFICATIONS*

S4PF PRODUCT

Detection Range:	Nerve agents, blister agents, blood agents, non-conventional toxic agents, 4th generation CWA, opioids
Targeted Temperature:	~280°C / ~536°F
Heating Time:	~20 seconds
Dimension:	150 x 50 x 120 mm / 5.90 x 1.97 x 4.72 inch
Weight (without battery):	0.225kg (0.496 lb)
Storage Temperature:	-39°C to +71°C / -38°F to +159°F
Operating Temperature:	-32°C to +50°C / -25°F to +122°F
Power Supply:	1 Lithium battery
Autonomy:	~700 uses @ 20°C (68°F) on the same battery
IP Rating:	IP65 (pending)
Regulation:	CE

S4PF SCRAPPERS

Packaging:	Sold in box of 10 with overpack solution
Storage:	10 years in original packaging @ room temperature

* Specifications subject to change

KIT OPTIONS

The S4PF sampling solution is an ideal accessory for every AP4C and AP2C instrument.

S4PF is available as an individual solution. For existing AP4C kit users, we are offering upgrade kits.



ACCESSORIES & SERVICES

Holster for S4PE and S4PF for handsfree field transportation.



Proengin

FOR MORE INFORMATION:

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