

# APD 2000®



## Feature Highlights

- Detects chemical warfare agents and civilian threats such as pepper spray and mace
- Provides agent identification
- Powered by commercial alkaline or rechargeable batteries
- Selectable monitoring/detection operating modes
- Superior interferent resistance

The threat could be as big as an all out chemical attack or as small as pepper spray, either way, the APD 2000® (Advanced Portable Detector) offers full detection and monitoring capabilities.

The first device of its kind to detect chemical warfare agents, pepper spray and mace, the APD 2000® was designed for both battlefield and civilian emergency first response.

Portable, hand-held chemical detection and monitoring is available in an ergonomic design with the APD 2000®.

Selectable settings allow the APD 2000® to be used as a detector which automatically clears down and resets following an alarm, or as a continuously-sampling monitor. With superior interferent resistance, the APD 2000® has a state-of-the-art algorithm which simultaneously detects nerve and blister agents, recognizes pepper spray and mace, and identifies hazardous compounds. The APD 2000® is powered from 6 internal alkaline or rechargeable "C" batteries.

## Options

- Remote communication of alarm signals via radio frequency



## Technical Data

### General Specifications

Size:	4" x 3 1/2" x 11" (10 x 9 x 28 cm)
Weight:	6 pounds (<3 kg) including batteries
Power:	6 standard or rechargeable "C" batteries
Temperature:	
Operation:	-22° to +126° F (-30° to +52° C)
Storage:	-80° to +160° F (-62° to +71° C)
Self Test:	BIT for electronic, pneumatic and power conditions
Operator Service:	5 minutes per 24 hours of operation
Alarms:	Easy to read visual display and audio alarm

### Agents Detected

GA, GB, GD, VX, HD & Lewisite (L), Pepper Spray, Mace

### Sensitivity

V - 4 ppb	30 seconds
G - 15 ppb	30 seconds
H - 300 ppb	15 seconds
L - 200 ppb	15 seconds

High concentration of these agents: 10 seconds



### Principle offices

#### Military programs

USA programs  
Smiths Detection Inc.  
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F: +1 410 510 9491  
militaryus@smithsdetection.com

Non-US programs  
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#### Regional civil and military markets

#### Europe/Middle East/Africa

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#### Emergency Responders market

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