

AP4C-FB



FPD Biological and chemical detector
for fixed sites

(Critical infrastructures)

The first 24/7 Biological-Chemical
alarm detector

Description

Real time biological and chemical
detection and monitoring
(FPD continuous measurement)
Integrated in site security network
Adapted to harsh environmental conditions

Biological detection

Selective sampling
(particles from 2 to 10 microns),
chemical analysis of each particle
(flame spectrometry FPD)
Sampling flow rate: 16 Liters per minute
Short response time: max 1 minute
(threshold level), commonly 10 to 15 seconds

Chemical detection

The widest range of detected products (FPD)
AP4C-FB can detect all nerve agents, all blister agents,
all blood agents, all NTA
(Non-Traditional Agents as Novichok agents),
the complete list of Schedule 1 Chemical Warfare
Agents as defined by International Organizations,
and numerous toxic industrial agents in addition
to choking agents such as ammonia.

Alarm data available: light and sound signal,
data recording and transfer to either
remote control box or security network,
ability to trigger a biosampler or the closure of
buildings ventilation systems

PROENGIN
Chemical and biological detection systems

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