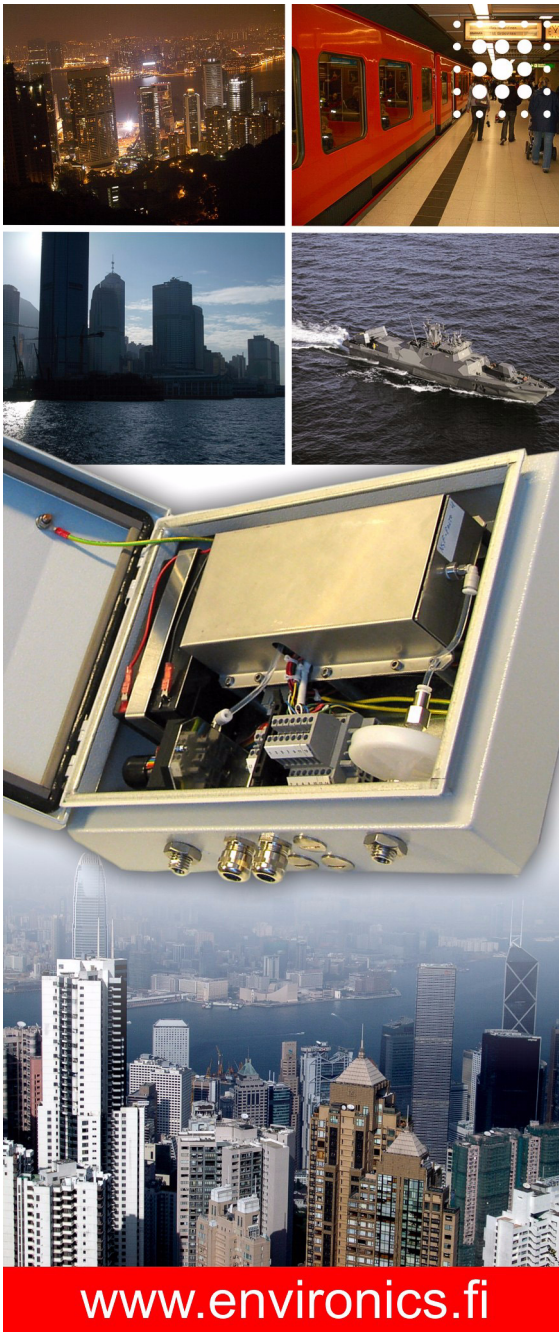


EnviScreen ChemProFX



ChemProFX® detector is based on Envionics' field proven and tested ChemPro technology. Being the latest in state-of-the-art chemical detection and identification systems, the ChemProFX detects both chemical warfare agents (CWAs) and toxic industrial compounds (TICs) in harsh conditions and various applications.

ChemProFX is based on Envionics' Open Loop Ion Mobility Spectrometry (IMS) technology applying an improved Ion Mobility Cell™, which provides excellent selectivity and sensitivity.

The ChemProFX has no expendables and is designed for low life cycle and operating costs. ChemProFX enables continuous operation without the need of expendable desiccant cartridges. One of the many advantages of ChemPro technology is that unlike conventional IMS based instruments, ChemProFX indicates operating time remaining before maintenance. This self-diagnostics feature allows the operator to plan ahead the maintenance program and guarantees the high degree of confidence of ChemProFX based systems.

Key Features

- Fast and reliable detection of wide range of chemicals (TICs and CWAs)
- Continuous realtime operation
- Novel and flexible communication
- Extremely low life cycle costs
- Small and lightweight

EnviScreen ChemProFX

Technical Data

Size (H x W x D)

270 mm x 360 mm x 110 mm
10.7" x 14.2" x 4.4"

Weight

8,3 kg (18,3 lbs)
7,0 kg (15,4 lbs) without Back-Up Battery

Power

110...250 VAC (50-60Hz) or
10...32 VDC Adaptor & Battery Backup

Data Interfaces

RS485-Bus
Relay Output for Alarm
Relay Output for Service/Maintenance/Fault

Operating Temperature:

-30 to +55 °C
-22 to +131°F

Storage Temperature:

-40 to +70 °C (Recommended 0 to +40°C)
-40 to +158°F (Recommended 32 to +104°F)

Protection Class:

IP65

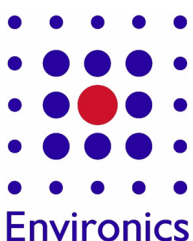
Additional Features:

- Audio & Visual Alarms
- Mounting on Vehicle & Naval Platforms
- Sample Pre-handling

Applications:

- Building Safety Systems
- Subway Safety Systems
- Naval Applications
- Recon & Monitor Vehicles
- Indoor Air Monitoring
- Area Monitoring Systems
- Chemical Warehouse Safety Monitoring
- Mobile Systems

Time does matter. We are ready for that.



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