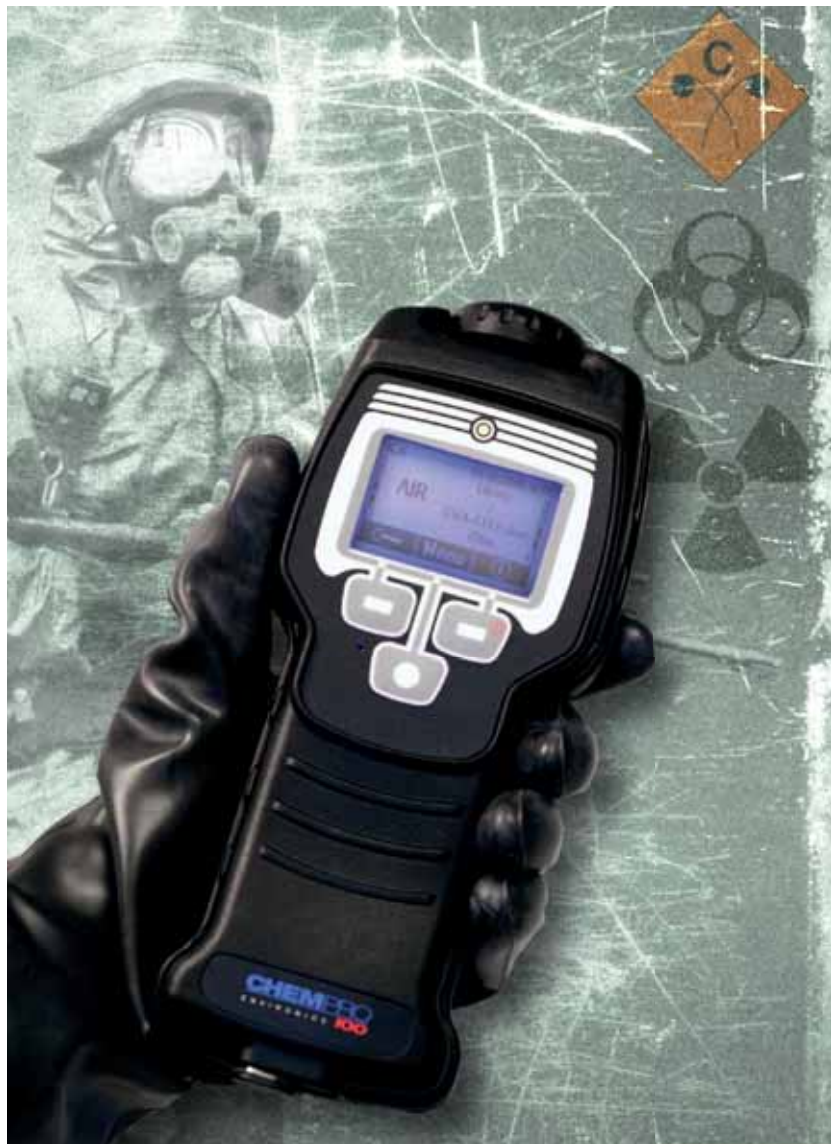


***Envionics
ChemPro®100
Handheld Chemical Detector***



www.envionics.fi



ChemPro[®]100

Handheld Chemical Detector



Basic and Improved detector models

To best suit the needs for a reliable ultra fast first alarm/post attack chemical detector, EnviroNics offers two different models of the ChemPro100 Chemical Detector. Both detectors are equally fast and reliable in the field, the difference comes in the amount of sensors the device contains. The Improved model offers more sensorpower and thus improved selectivity and sensitivity.

Basic ChemPro[®]100 Chemical Detector

The ChemPro100 is an ultra fast first alarm/post attack unit for detection/monitoring of harmful chemicals. The ChemPro100 is designed to detect chemical warfare agents (CWAs) and toxic industrial compounds/materials (TICs/TIMs)

The device is small enough to be used as a personal detector, a monitor for surveying contaminated areas or a fixed installation detector. It provides continuous operation without the need of expendable desiccant cartridges, like other IMS systems.

Improved ChemPro[®]100i Chemical Detector

EnviroNics is now introducing a new improved version of the ChemPro100 detector. Along with the IMS and two semiconductor sensors of the basic ChemPro100, the new ChemPro100i has four new chemical sensors. These new sensors increase the number of detectable chemicals, improve detection sensitivity and decrease the possibility of false alarms.

Multisensor Approach



ChemPro[®]100

CBRN Concept

ChemPro[®]100 Radiation Detector Module

The ChemPro100 Radiation Detector Module enables the ChemPro100 to detect traces of gamma and x-ray radiation in addition to the CWA/TIC/TIM detection capability it already has. The Radiation Detector Module uses a Plug and Play attachment to the ChemPro100 Handheld Chemical Detector, and is operational instantly.

The Radiation Detector Module is highly sensitive and has a fast response time. It monitors the background radiation continuously and offers the user with cumulated dose readings. The ChemPro100 Handheld Chemical Detector provides the user interface and data logging capabilities for the Radiation Detector Module.

ChemPro[®] Reader Module

ChemPro[®] Reader Module adds new functionality in the form of handheld biological detection. The optional accessory is intended for reading the ENVI Assay System lateral flow immunoassay tests applying gold- or fluorescence-labelled antibodies. The ChemPro[®]100 provides the Reader Module with power, a processor, a user interface and a display.

ChemPro100 Accessories

To further enhance the ChemPro100's use and user friendliness the following accessories are available:

- ChemPro100 GPS Module
- ChemPro100 Earphone
- ChemPro100 Battery Charger
- ChemPro100 Battery Pack
- ChemPro100 Vehicle Power Supply
- ChemPro100 User Interface Program
- ChemPro100 Shipboard and Vehicle Mounting Interfaces
- ChemPro100 Field Monitoring Cap



ChemPro[®]100 Training System

Equipping first responders and other vital troops with the ChemPro100 handheld Chemical Detector is an important part of preparing for a chemical attack.

However, at least as important as having an effective detector and other equipment, is to be trained to operate the detectors and act correctly under a chemical attack.

The ChemPro100 Training System provides an interactive tool for training troops to both use the ChemPro100 detector and to simulate a chemical attack.

The System enables the training of first responders and other NBC troops for correct use of the ChemPro100 and correct action under a chemical attack.

With the ChemPro100 Training System, simulated alarms can be created in the ChemPro100 Simulators and user actions monitored. Simulated alarms can be initiated from an Instructor Controller or by a point source simulator.

Key Features

- Simulated alarms
- Trainee error monitoring and recording
- Error simulation
- Agent Cloud simulation
- Agent spill/residual simulation (reconnaissance)
- Contamination residual simulation (decontamination training, surveillance)



Solutions for Security



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