

**NEW!**

## Dräger Multi-IMS



### The first real portable Ion Mobility Spectrometer

The Dräger Multi-IMS utilises the latest state-of-the-art handheld detection and monitoring system. It is designed to detect chemical warfare agents and toxic industrial compounds/materials with fast response. The sensor technology is based on the Open Loop Ion Mobility Spectrometry (IMS), it uses an Ion Mobility Cell that provides improved sensitivity and selectivity. Alarms are devised to detect pre-programmed chemicals and compounds quickly in low concentrations.

The Dräger Multi-IMS weighs less than 770 g. Its compact size is thus ideal as a personal detector, or a monitor for surveying after an event. The system has an user-friendly interface, which can be operated using just one hand.

The Dräger Multi-IMS also has very low life cycle costs with no expendables required.

### Typical Users

- Military Forces
- Civil Defence Forces
- Security Organizations
- Police Forces and Customs
- Fire Brigades
- Industries

### Functions

- Continuous measurement in real-time
- Concentration and trend measurement
- Relative dosage measurement
- Gas library selections
- Easily upgradeable agent/chemical libraries
- Graphical Alarms

### Features

- Built-in pump
- Datalogger
- Audible and visual alarm with individual settings
- Automatic self-check
- Built-in training features
- Easy-to-use interface
- Password protection
- Adjustable settings: Alarm Volume, Sensitivity Modes, Data Logging, Device Diagnostics, Language
- Bar graph display
- Fully Ruggedized (Meets Military-Standards)

## Technical Information

Nerve:	0.01 mg/m <sup>3</sup>
Blister:	< 0.5 mg/m <sup>3</sup>
Blood/Choking Agents:	< 10.0 mg/m <sup>3</sup>
Weight:	less than 770 g with battery
Size:	100 x 220 x 45 mm
Power:	12 VDC / Rechargeable Battery pack or AA batteries
Operation:	- 30°C to + 50°C
Storage Temperature:	- 40°C to + 70°C
EMI:	MIL-STD-461
Vibration:	MIL-STD-810D
Shock:	MIL-STD 810D
Data Interface:	RS-232 or RS-485
Mean Time Between Failure:	> 3000 hours
Expendables:	None