

Multi-IMS



The Draeger Multi-IMS is a portable ion-mobility-spectrometer to pick up even the smallest traces of chemical warfare agents. Because of its compact design, extreme robust enclosure and light weight (less than 28 oz. or 800 grams), it is ideal as a personal measuring device or as a surveying monitor after an event.

The keystone of the Multi-IMS is an ion-mobility-cell, based on the proven open-loop-ion-mobility spectrometry, with significantly increased sensitivity and selectivity.

The clearly arranged display shows the user measured concentration, the compound, the selected library, as well as the battery status. The operation of the instrument is menu driven via three push buttons using only one hand. The built-in datalogger records the measured concentration as well as all alarm events and can be viewed by just pressing a button.

Features:

- Rugged enclosure, MIL-STD
- Built-in pump
- Audible and visual alarms
- Easy, password protected menu
- Built-in datalogger for measured value and alarm events
- Continuous self-test functions

TECHNICAL DATA

Portable ion-mobility-spectrometer for the detection of warfare agents	
Nerve agents	0.01 to 0.1 mg/m ³
Blister Agents	0.5 to 2.0 mg/m ³
Blood/choking agents (e.g. HCN)	20 to 50 mg/m ³
Weight	< 800 g; 28 oz. include. Battery
Size (h x w x d)	240 x 100 x 45 mm; 9.5" x 4" 1.8"
Typical battery life	10 hours, rechargeable Li-ion battery
Operating Temperature	-30 to +50°C, -20 to +120°F
Storage Temperature	-40 to +70°C; -40 to +160°F
EMI*)	MIL-STD-461E
Vibration*)	MIL-STD-810E
Shock*)	MIL-STD-810E
Data Interface	RS 232

*) tested against

DRAEGER MULTI-IMS KIT

With Li-ion battery in a hard plastic carrying case includes basic analyzer in a separate carry bag, charger, power cable, second battery, test gas and filter.	8317820
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ACCESSORIES

PC Data Transfer Cable	8316587
Software UIP	8317822

Locally Represented By:

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