EOD020 ADVANCED DESKTOP EXPLOSIVE AND NARCOTICS DETECTOR

The Advanced Desktop Explosive and Narcotics Detector is a dual technology system that uses Gas Chromatograph and Ion Mobility Spectrometry to significantly improve performance compared to a single IMS device. It is designed to deliver fast and reliable results in a high throughput environment where accurate information is critical.

The system is easy to use and sampling takes just seconds using the durable sampling tab. The detector analyses the sample immediately and displays the results on a larger touch screen. The unit requires minimal maintenance and is completely self contained, self cleaning and self calibrating requiring no gas supply meaning it is cost effective to operate.

Features and Benefits:

Sensitivity:	Identifies specific explosives or narcotics traces far more accurately and sensitively than single detonation devices.
Selectivity:	Combined GC-IMS provides exceptional trace detection performance.
False alarm level:	GC/IMS dual technology is more substance specific, delivering lower false alarm levels and better hit rates.
Explosives:	Detects military grade explosives, Semtex, C4, RDX, TNT and most HME such as TATP.
Narcotics:	Detects cocaine, opiates, cannabis and amphetamine type stimulants.
Training:	Minimal operator training required.
Communications:	Built in networking and communication capabilities.

Specifications:

Technology:	Gas Chromatograph/Ion Mobility Spectrometer
Sensitivity:	Nanograms to picograms
Analysis time:	Variable 6-20 seconds
Features:	Simple sampling process
	On board printer and large touch screen display
	Simple operation
	Very low cost of consumables

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Detection Indicators:	Touch Screen displays both alarm and compound identification Red flashing light on unit and audible alarm Automatic “Print on Alarm” option
Power consumption:	<500w
Voltage:	90 to 265 VAC 50/60 Hz
Warm up time:	20 minutes from a cold start.
Weight:	< 25kg

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