



Portable Explosives and Narcotics Detector

TW-NE1000

TW-NE1000 Portable Explosives and Narcotics Detector is an advanced security solution designed to identify trace amounts of explosives and illegal drugs on individuals, luggage, and surfaces. Powered by Ion Mobility Spectrometry (IMS) technology, the device ensures fast, accurate, and reliable detection within seconds.

TW-NE1000 compact, lightweight, and wireless design makes it ideal for use in high-security environments such as airports, border checkpoints, public venues, and critical infrastructures. With a rich and expandable database, the system can detect a wide range of substances including TNT, RDX, PETN, methamphetamine, cocaine, and more.


- 3 seconds analysis time
- Easy to change explosive system to narcotics system
- LAN×1 , Bluetooth, Wi-Fi, USB, VGA
- Print out the reports
- Radiation monitoring

Technical Specification

Technology	Ion Mobility Spectrometry (IMS)
Explosives	TNT, RDX , PETN, NG, AN ,BP, RDX , Tetryl , HMX , DNTetc
Drugs	METH, COC , MDMA , THC, Ketamine,MOP etc
Sensitivity	Particle: 200pg level
Analysis Time	2~10 seconds(2~10s)
Warm-up Time	<10 mintes (hot-start: 3 minutes)
Alarm	Visual and audible alarms with the substance's name displayed on the LCD screen
Monitor	5.0 inch color TFT LCD
Memory	Large memory up to 500GB
Total weight	< 2.5kg
Interface	LAN×1 , Bluetooth, Wi-Fi, USB×2 (with support for keyboard,mouse,large storage etc.) VGA(support screen extending)
Power	24V/10A/Dc (Adapter with 110~220V AC)
Battery	12 hours or above
Operating temperature	-20°C to +55°C
Operating humidity	95%
Dimensions	322x148x178mm (LxWxH)

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Disclaimer : All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.