

Non-Radioactive Handheld Explosives & Narcotics Detector TW-NE2000



Non-radioactive Handheld Explosives & Narcotics Detector TW-NE2000 is non-radioactive trace level explosives and narcotics detector. Based on ion mobility spectrometry (IMS) principle, TW-NE2000 uses a non-radioactive ionization source to accurately detect and analyze traces of explosives and narcotics particles or vapors simultaneously, with high detection sensitivity of nanograms. When using a special swab to wipe the surface of any suspicious object and inserting into the device, TW-NE2000 will immediately display explosives or narcotics' category and specific compounds.

TW-NE2000 is easy to carry and operate, especially flexible for on-site detection. It's widely used for explosives and narcotics detection in civil aviation, rail transits, Customs, border & ports, prison and crowd-gathering places, or used as forensic evidence examination and identification tool for law enforcement.

- Non-radioactive ionization source and being safe
- Dual-mode, being able to detect explosives and narcotics simultaneously or set up single-mode detection
- Non-radioactive IMS technology, high sensitivity and low false alarm
- High detection efficiency, continuous detection, auto calibration, audible & visual alarm, auto cleaning, self-diagnosis, no extra manual operation; Remote diagnose and user friendly

- New Android System makes operation much easier and more efficient Simple and beautiful design, light weight, easy to carry
- Good interactive design and with 7 inches TFT touch screen
- Multi data interface and supporting software, storage of 500,000 raw data
- Upgradable library

Technical Specification

Principle	Ion mobility spectrometry
Ionizer	Non-radioactive ionization source
Detection mode	Dual-mode, explosive mode or narcotic mode
Explosives	Vast majority of commercial and military explosives: TNT, RDX, BP, PETN, NG, AN, HMTD, Tetryl, TATP etc.
Narcotics	Vast majority of narcotics: Cocaine, Heroin, Morphine, THC, Methamphetamine(MA), Ketamine Fentanyl etc.
Sensitivity	Nanogram (10 ⁻⁹ -10 ⁻⁷ gram)
Analyzing time	8 seconds
Warm-up time	<20 minutes
Dimension	412mmx158mmx170mm (LxWxH)
Weight	4.8kg
Display Screen	7 inches touch screen
Battery Life	≥3 hours
Device interface	USB/LAN / HDMI
Power adapter	Input: AC 100~240V, 50/60 Hz; Output: DC 24V

Application



Airport



Railways



Defense



Education



Hospital



Government



Office



Bank



Retail

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.