



Explosives & Drugs Trace Detector

TW-NE300

The TW-NE300 is a cutting-edge desktop detector specifically designed for the rapid identification of explosives and drugs. Leveraging advanced ion mobility spectrometry technology, it offers several key benefits:

- **Fast Detection Speed:** Provides quick and efficient results.
- **High Sensitivity:** Capable of detecting minute traces of dangerous substances.
- **Low False Alarm Rate:** Ensures accurate detection with minimal errors.
- **User-Friendly:** Simple to operate and maintain, making it accessible for various users.
- **Versatile Application:** Suitable for environments like subways, airports, ports, borders, and other areas with large crowds, where rapid identification of suspicious substances is critical.



Product Highlight

Accurate detection : Can accurately identify the composition of dangerous goods, can be declared the name of the dangerous goods.

Trace detection : In the actual detection process, it is not necessary to align the dangerous goods in the package, and only need to wipe the detected package with a test paper, then can detect whether dangerous goods are carried, which is convenient to operate.

Dual mode : Double mode synchronous detection of explosives and drugs, an instrument can detect and alarm the explosives and drugs at the same time.

High speed analysis : Detection and analysis faster than similar products, can have testing results in 1-10 seconds.

Specification

General Specifications	
Weight	<11kg
Size	332mm (L) x 332mm (W) x 188mm (H)
Power	AC110V/220V AC, 50-60Hz Output 24V
Performance Parameter	
Verifiable explosives	There are various kinds of military civil and indigenous explosives, such as nitroglycerine nitrification, ammonium nitrate black powder, ammonium nitrate black powder, and the possibility of adding new samples as needed.
Verifiable drug	Cocaine, hydrochloric acid heroin, tetrahydrocannabinol, methylaniline(methamphetamine), ketamine hydrochloride, ecstasy, pethidine and other common drugs on the market, and according to the need to add new samples.
Sensitivity	Pg level
Analysis time	1~10s
Startup time	< 15min
False Alarm Rate	≤ 1%
Detection rate	≥ 99%



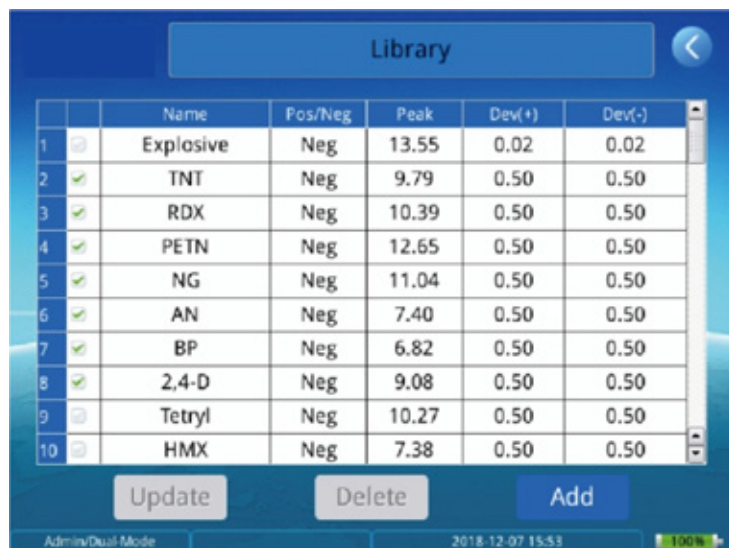
System Function

Language	English system
Database	Open database can be updated at any time
Sampling method	Trace particles adsorption sampling, test paper wipe samples
Detection Object	Detection of drugs and explosives
Alarm	Sound Light

Environmental parameter

Working/Storage temperature	- 20°C t o 60°C
Working/Storage temperature	<95%
Working pressure	60kPa~106kPa

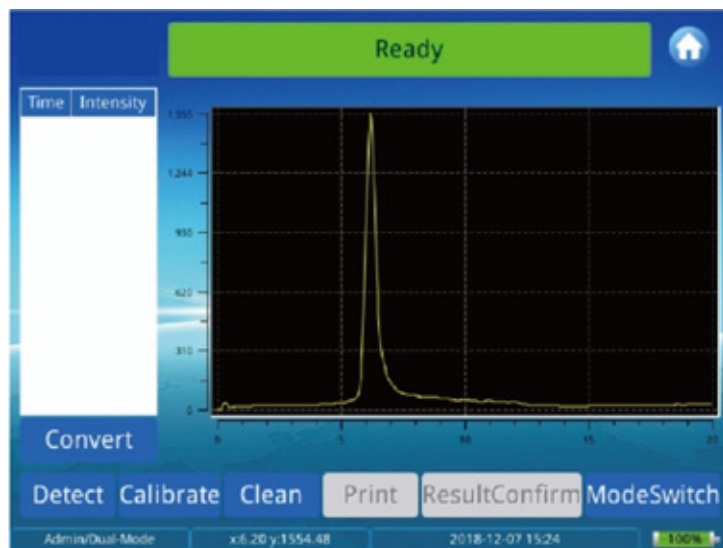
Dimension Drawing



	Name	Pos/Neg	Peak	Dev(+)	Dev(-)
1	Explosive	Neg	13.55	0.02	0.02
2	TNT	Neg	9.79	0.50	0.50
3	RDX	Neg	10.39	0.50	0.50
4	PETN	Neg	12.65	0.50	0.50
5	NG	Neg	11.04	0.50	0.50
6	AN	Neg	7.40	0.50	0.50
7	BP	Neg	6.82	0.50	0.50
8	2,4-D	Neg	9.08	0.50	0.50
9	Tetryl	Neg	10.27	0.50	0.50
10	HMX	Neg	7.38	0.50	0.50

Buttons: Update, Delete, Add

Footer: Admin/Dual-Mode, 2018-12-07 15:53, 100%



Head Office : D-162, Okhla Industrial Area Phase I, New Delhi, 110020.

Regional Office : Mumbai, Bengaluru, Ahmedabad, Chennai, Kolkata.

International Office : Dubai

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.

Phone : +91-95999-53923

Sales : sales@timewatchindia.com

Support : helpdesk@timewatchindia.com