Features

Built-in thermal printer
USB port and Network interface
Extremely high sensitivity: can reach 100 Nano gram level
10 inch TFT touch screen in color display
Friendly operation software
Fast identify speed and accurate result

ETD advanced PIMS technology(Photoionization Ion Mobility Spectromety), can detect black powder and all explosives which are prohibited by ICAO.

SPECIFICATIONS

Technical Parameters

Explosives identify	A variety of military , civilian , and homemade explosives: Black Powder, AN, TNT, DNT, Tetry, PETN, Gun Power, NG, RDX, fireworks, C4 etc.
Sampling	dipstick tracking trace particles
Databases	open to user, can add new type explosive
Alarm	Sound / light
Sensitivity	Mix: Nano gram explosives, even pictogram sulfur
Identify speed	$<$ 8 seconds
Warm-up time	$<$ 20 minutes
False alarm rate	$\leq 1\%$
Display	10 inch TFT color touch screen
Consumption	$<$ 150W
Power	AC187-260V 50/60Hz
Operating temperature	-10°C $\sim$ 55°C

Highlighs and Advantages

High sensitivity: can detect at least 100 Nano gram powder, including fireworks and civil homemade explosives.
High speed indentify
Advanced migration tube ensures high resolution
Automatically cleaning system can prevent inject pollution
Renewable gas purification system
Data open to user, can add new explosive
Built-in printer can print test result at any time
Dipstick can be reused
Support network control and transfer
Unlimited storage, USB port to output the data
Fashionable design
Light weight: less than 15kg
Size: 400mm(L)*380mm(W)*180mm(H)