

- ✧ Fashionable design and light weight
- ✧ Top advanced PIMS technology
- ✧ Extremely high sensitivity: can reach 100 Nanogram level

- ✧ 2.8 inch TFT touch screen in color display
- ✧ Fast identification speed and accurate result
- ✧ Battery backup time: more than 6 hours

Prepare testing stick and get sampling paper ready



Check test result



Insert the sampling paper



Take sampling

Portable IHD300 ETD



IHD300 ETD adopts advanced PIMS technology (Photoionization Ion Mobility Spectrometry) , can detect black powder and all explosives which are prohibited by ICAO.

◆ Technical specification:

Explosives identify	A variety of military , civilian , and homemade explosives: Black Powder, AN, TNT, DNT, Tetra, PETN, Gun Power, NG, RDX, fireworks, C4 etc.
Sampling	dipstick tracking trace particles
Databases	open to user, can add new type of explosives
Alarm	Sound / light
Sensitivity	Mix: Nanogram explosives, even pictogram sulfur
Sensitivity limit	100 Nanogram TNT
Identify speed	< 8 seconds
Warm-up time	< 20 minutes
False alarm rate	≤ 1%
Display	2.8 inch TFT color touch screen
Consumption	< 300W
Power	AC187-240V 50/60Hz
Operating temperature	-10°C ~ 55°C

◆ Highlights and advantages

- ✧ High sensitivity: can detect at least 100 Nanogram powder, including fireworks and civil homemade explosives.
- ✧ High speed identification
- ✧ Advanced migration tube ensures high resolution
- ✧ Automatic cleaning system can prevent inject pollution
- ✧ Renewable gas purification system
- ✧ Data open to user, can add new type of explosives
- ✧ Dipstick can be reused
- ✧ Unlimited storage, USB port to output the data
- ✧ Fashionable design
- ✧ Light weight: less than 4.3kg
- ✧ Size: 470mm(L)*170mm(W)*165mm(H)