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# PORTABLE EXPLOSIVES TRACE DETECTOR

**Model: SPE-300**



## Portable Explosive/Narcotic Detector

SPE-300 ETD adopt advanced PIMS technology (Ion Mobility Spectrometry), can detect black powder and all explosives which are prohibited by ICAO. It is designed to help identify bombers, bomb-makers and their bomb-making facilities. It detects the most common explosive materials and their precursors at trace levels in a single test

### Highlights & Advantages:

- High sensitivity: can detect at least 100 Nanogram powder, including fireworks and civil homemade explosives.
- High speed identify
- 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
- Dipstick can be reused
- Unlimited storage, USB port to output the data
- Fashionable design
- Support network control and transfer

Prepare testing stick and get sampling paper ready



Check test result



Insert the  
sampling paper



Take sampling

- Fashionable design and light weight
- Top advanced IMS technology
- Extremely high sensitivity: can reach 100 Nano gram level, even pictogram sulfur
- 3.2 inch TFT touch screen in color display
- Fast identify speed and accurate result



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# PORTABLE EXPLOSIVES TRACE DETECTOR

## 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 explosive
Narcotic detection(option)	Drug, cocaine, opiates(Heroine and morphine), cannabis(Marijuana and Hashish), methamphetamine, etc
Alarm	Audio and visual alert
Sensitivity	Mix: Nanogram explosives, even pictogram sulfur
Sensitivity limit	100 Nanogram TNT
Analysis time	2-10 seconds
Warm-up time	Within 15 minutes
Built-in clearing system	Clear the system within 10 seconds
False alarm rate	≤ 1%
Display	3.2 inch TFT color touch screen
Weight	3.5 kg
Power	AC187-240V 50/60Hz
Rechargeable battery standby time	2-4 hours
Operating temperature	-20°C ~ 55°C

### Authorized Distribution & Marketed By

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Banglow No: 1/4-H, Block 6, P.E.C.H.S, Near  
Majid-e-Sulemania, Shahrah-e-Faisal. Karachi.  
Tel: 021-34325114-116 | UAN: 0304-1119292  
Fax: 34330703  
www.surveillance.com.pk