Handheld Explosives Trace detector.

Product information

EI-HE300-II handheld Explosive Trace Detector is a lightweight, fast, accuracy and extremely sensitive detection for trace explosives based Ion Mobility Spectrometry(IMS)technology, which is independently developed. It has many advanced functions such as optional sensitivity level, hot-start, suitable for highlands advantages as easy operation, low-cost consumables and convenient maintenance.

EI-HE300-II has been applied many patents and inspected by the national Quality Supervise Center of Safety Protection and Alarming System, it has been widely applied for airport, customs, frontier defense, police, national defense, smuggling suppression, fire protection and army department etc

Main Features

- High sensitivity and detecting ng to pg. level explosives

- Fast response and give analysis result within 2 - 10 seconds

- Three optional sensitivity, with hot-start function and standby function

- External vacuum sampling unit for effectives sample collection

- Environmental adaptability, used normally in highlands

- Portable and lightweight, 3.0 kg in total

- 3.5" color TFT display, rich interface prompts, easy to use

Applications

- Airport
- Post Office
- Customs
- Ports
- Police
- Defense
- Prisons

Specifications

- Technology....................Ion Mobility Spectrometry

- Explosives Detected....................Most commercially available and military explosives such as TNT, DNT, NA, RDX, PETN, NG, BP, Tetryl, HMX, Semtex DINA ,Expendable database.
- Sensitivity....................ng to pg level
- Analysis Time....................2 to 10 seconds
- Warm-up Time....................15 minutes (hot-start with5 minutes)
- Sample Collection....................Particulate collection via wiping, non-contact vapor collection
- Sample acquisition distance....................Less than 20cm for non-contact vapor collection
- Power....................110/220VAC, 50/60HZ
- Battery....................22.2VDC, lithium ion battery, work more than 4h, stand-by time:≥8h
- Alarm....................Audio and visual, with substance identification and display on LCD screen
- Data Display....................3.5" color LCD touch display
- Calibration....................internal automatic calibration
- Dimensions....................367×122×130 mm (LxWxH)
- Weight....................Less than 3.0kg (with battery)
- Working Temperature....................-10℃ to 60℃
- Relative Humidity....................≤95%
- interface....................USB, RS232, wireless
- Data Memory....................240000 records (2G SD card)