



# Handheld explosives detector

## HE-300

Specifications are subject to change  Kontakt os venligst for mere information

### Handheld explosives detector.



### Product information

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

EI-HE300 has been applied many patents and inspected by the National quality supervise Center of Safety Protection and Alarm System, it has been widely applied for airport, customs, frontier defense, police, national defense etc..

### Main Features

- High sensitivity and detecting ng to pg level explosives
- Three optional sensitivity, with hot-start function
- Portable and lightweight 3,5 kg in total
- 3,5" color TFT display, rich interface prompts, easy to use
- Fast response and analysis result within 8 seconds
- External vacuum sampling unit for effective sample collection
- Open database, remote online service

### Applications

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

## Specifications

- Technology Ion Mobility Spectrometry
- Explosives detected Most commercial and military available explosives such as TNT, DNT, RDX, PETN, NG, BP, Tetryl, HMX, Semtex, AN etc.
- Sensitivity ng to pg level
- Analysis time 2 to 10 seconds
- Warm up time 20 minutes (hot-start 5 min.)
- Sample collection Particulate collection via wiping, non contact vapor collection
- Sample acquisition distance Less than 20 cm for non contact vapor collection
- Power 110/220 VAC, 50/60 HZ
- Battery 22,2 VDC, lithium ion battery, >4 hours work, standby >8 hours
- Alarm Audio and visual, with substance id and display
- Data display 3,5" TFT color display
- Calibration internal automatic calibration
- Dimensions (LxWxH) 410x140x140 mm
- Weight < 3,36 kg with battery
- Working temperature -10 to 60° C.
- Relative humidity ≤95%
- Interface USB, RS232
- Data memory 120000 records (2 GB SD card)