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Portable Explosives Detector

KAPSSM



KEEP MOVING

About Portable Explosives Detector

Portable Explosives Detector SIM-MAX E2008 is an accurate handheld explosives trace detector based on IMS technology. Have the ability to rapidly and accurately detect trace explosives. Product performance reached the international advanced level. It is easy to be operated and maintained.

The product has won many national invention patent.

Applications

1. Airport
2. Police
3. Firefighting
4. Post Offices
5. Courts
6. Railway station
7. Subway
8. Custom
9. Frontier and port
10. Underground garage
11. Large-scale activity

Mechanical Specifications

- Technology : Ion Mobility Spectrometry
- Explosives Detected : TNT,DNT,RDX,PETN,NG,BP,TETRYL,HMX,AN,SEMTEX,C4 etc. And can at anytime according to need to add a new sample
- Sensitivity : ng to pg level
- Analysis Time : 2 to 10 seconds
- Warm-up Time : 20 minutes (hot-start 5 minutes)
- Sample Collection : Particulate collection via wiping,non-contact vapor collection
- Sample acquisition distance : External suction sampler can remove 1-20 cm volatilization in suspicious substance in the air
- 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 TFT display,Chinese and graphical interface
- Calibration : internal automatic calibration
- Dimensions(LxWxH) : 410x140x140mm(16.2"x5.2"x5.2")
- Weight : Less than 3.5kg (with battery)
- Working Temperature : -10° to 60° (14 °F -140 °F)
- Relative Humidity : ≤95 °
- Interface : USB,RS232
- Data Memory : 120000 records (2G SD card)