

BVE-EXD001 Portable Explosives& Narcotics Dual Mode Detector



Feature Highlights

- **Reliability:** World famous reliable IMS on-site trace detection technology.
- **Quickness:** Fast detection analysis result in 2~10s; self-clean, three optional sensitivity and hot-start, standby function.
- **Cost-efficiency in Long Run:** Low consumables cost for both operating and maintenance.
- **High Sensitivity:** Nanogram(ng~pg) explosives and narcotics detection threshold.
- **Lightweight and portable:** About 3.8kg in total with battery, easy to operate with rich interface prompts.
- **Dual Mode:** Both explosives and narcotics could be detected out.

The BVE-EXD001 is a portable type, advanced IMS explosives&narcotics dual mode detector. BVE-EXD001 is supplied by CETC which is a professional manufacturer of advanced security products. This hand-held type explosives& Narcotics trace detector is developed with the technology base of IMS (Ion Mobility Spectrometry) . BVE-EXD001 has played an important part in preventing explosives&narcotics terrorism activities all over the world. With external vacuum sampling unit, environment adaptability, it could be used in various places including high altitude places to complete effective sample collection. What's further, its database is open for users who can add more explosives& narcotics sample to enlarge database, it provides remote online service support ability when you connect it online. The BVE-EXD001 has been widely applied in many fields including subway security checking, airports, border controls, customs, army, military and various security checkpoints.

Applications:

Airport; Customs; Police; Border Control; Prison; Smuggling Suppression; Military; National Defense; Metro etc.

General Specifications

- Detection Sensitivity ng to pg level could be detected
- Analysis Time 2-10 seconds
- Technology Ion Mobility Spectrometry (IMS)
- Explosives& Narcotics Detectable
Explosives:
TNT, DNT, RDX, NG, PETN, TETRYL, NA, BP, HMX, NT, MNT, TATP, C4, Semtex, DINA, etc.
Narcotics:
MET, COC, HER, THC, MDMA, K powder, KET, MOP, DOL, LSD, EPH etc.
Additional substances can be added.
- Warm-up Time Less than 20 minutes (hot-start within 5 minutes)
- Sampling Methods Hand wiping & non-contact vapor sampling
- Data Display Color LCD touch screen
- Calibration Method Internal automatic calibration or manual calibration
- Battery Two rechargeable Li-ion battery, could work more than 8 hours
- Alarm Audio and visual, with substance identification and display on TFT screen
- Interface USB, RJ45
- Data Memory 240000 records
- Dimensions 440mm(L) × 140mm(W) × 150 mm(H)
- Weight Less than 3.8kg (with battery)
- Operating Temperature -10°C to 55°C
- Operating Humidity 0 to 95% non-condensing
- Power Supply 110/220V AC, 50/60Hz; DC 22.2V

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