
Portable Explosive Detector From <http://www.jammerbooster.com/>

MODEL:	KD-180
SIZE:	470*165*180mm
PACKAGE:	Neutral Packing

Portable Explosive Detector, Bomb Detector

Introductions:

As advanced explosives detector based on Ion Mobility Spectrometry (IMS) technology, KD-180 can be used to detect and identify trace explosives quickly and accurately. It has been widely applied for airports, customs, frontier defence, police, national defence, smuggling suppression, fire protection and army department etc.

KD-180 has higher sensitivity and reliability, which enables it to detect and identify many kinds of explosives in less than 6 seconds. With many patents applied, true portability has also been achieved for KD-180 explosives detector so that it can be conveniently used in various field applications. Different interfaces are available to facilitate data export and backup. New explosives sample standards can be updated by users. Meanwhile, KD-180 is convenient to use and maintain with low-cost consumables.

Features:

- * High sensitivity and detecting to pg level explosives
- * Unique black powder nanogram level detection, including fireworks, civil homemade explosives
- * One key detection, easy operation
- * Automatic Self cleaning system and deep cleaning function

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- *Anti-pollution sampling design
 - *Renewable gas purification system
 - *Automatic Self Calibratio
 - *VUV lamp soft ionization technique, non-radioactive
 - * Faster response and analysis time, less than 6 seconds
 - *Advanced migration tube design ensures high resolution;
 - * Portable, weight 4.75kg (with battery)
 - * 3.5" color TFT display
 - *Open Database, users can add new type of explosives
 - *Alarm thresholds can be modified by users
 - * Dipstick can be reused
 - *Advanced Data Transmission and control function
 - *Unlimited storage, USB port to export data

Applications:

Airport, Police, Firefighting, Post Offices, Courts, Railway Stations, Subways, Customs, Frontiers, Underground garages, etc.

Technical Specifications:

	Technology	Ion Mobility Spectrometry
Sample Type		Particulates, vapors and aerosol
Explosives Detected		TNT, DNT, NG, PETNI, Black Powder, RDX, HMX, Tetryl, Ammonium nitrate,

	C4, etc.
Sensitivity	Ng to Pg level
Sensitivity limit	1Ng TNT
Analysis Time	2 to 6 seconds
Sampling method	Dipstick wiping and trace particle adsorption
Warm-up Time	?20 minutes
False Alarm Rate	?1%
Power	110/220VDC, 50/60HZ
Battery	22.4VDC, lithium ion battery, work more than 4h
Alarm	Sound, visual alarm and hidden alarm
Data Display	3.5" color TFT display
Calibration	automatic self calibration
Dimensions	470*165*180mm
Weight	5kg (with battery)
Battery working time	More than 4 hours
Working Temperature	-10 to 60 celsius degrees
Relative Humidity	?93%
Interface	USB, RS232, WIFI, BLUETOOTH
Data Memory	No less than 100000 records



