

AY05-02

Explosive Trace Detector(ETD)



AY05-02 Explosive Trace Detector(ETD) is a our high-tech product, adopting Photoionization Ion Mobility Spectrometry(PIMS) Technology

The detector has a user friendly interface and color display. It provides a sampling wand eliminating the test paper pollution from the operator.

Besides, it is equipped with network port and USB port for sample data input and network connection, can store 2000 log records.

The detector can be used in airports, harbors, stations, border checkpoints and other important locations.

General Specification

Technology: IMS(Ion Mobility Spectrometry)

Detection Capability: Black Powder, Ammonium Nitrate, TNT, RDX, PETN, NG, Tetryl, HMX, C4 etc, additional sample can easily be programmed into AY05-02 by the user

Sensitivity: 10-10 gram

Analysis Time: 4-10 seconds

Warm Up Time: Less than 15 minutes

Sample collection: Vapor and Trace Particle

Operation temperature: -20°C to 40°C

Input: AC 220V, or lithium battery

Battery: 16.8V/13Ah, using at least 3 hours

Alarm type: Audio/visual

Dimensions: 435*133*210mm

Weight: 4.6 Kg (including battery 1.4Kg)

Standard Features

High sensitivity up to 10-10 gram

Less than 10 seconds analysis time

Sample collection: trace particle and vapor

Upgradeable sample data base and application program

Data update and backup using PC suite via network port and USB

Color display, easy operation

Applications

Airport, customs, ports, subway, railway stations, courts, exhibition hall, stadium, etc.