TR2000DC

DESKTOP EXPLOSIVES AND NARCOTICS TRACE DETECTOR

Non Radio-active

Low FAR

Self CAL

Dual Modes

Lower Cost

Sensitive

User Friendly

Intro

The NUCTECH™ TR2000DC Desktop Explosives and Narcotics Trace Detector can identify the presence and type of trace substances of explosive and illicit drug that is sampled from passenger and cargo surfaces. Adopting Ion Mobility Spectrometry and a patented detector design, TR2000DC provides high sensitivity and efficiency in detecting a wide range of substances in a minimized operational cycle. It is especially ideal for security applications that requires high detection capabilities within short time.

Features

- Non-radioactive ionization source
- Less maintenance and consumable cost
- Pico-nanogram high sensitivity in dual mode
- New cleaning algorithm for higher transmission
- Smart ionizer with no manual adjustment
- Faster algorithm to deliver alarm within 8 seconds
- 1 hours+ Battery，10.4" TFT and easy to carry
- Self-calibrated, simple and accurate
- New Graphic UI, very easy to use
- Self-diagnosis system, higher robustness
- Support data output and remote management
- Automatic maintenance reminder
- Low false alarm rate with new algorithm

Check Points

Airport Gates

Cargo Screen

Customs Check

Technical Data

Item	Specification
Technological Principle	Ion Mobility Spectrometry
Ionization Technology	Non-radioactive Ionization Source (NRIS)
Analyzing Mode	Explosive Mode, Narcotic Mode and Dual Mode
Detectable Explosives	TNT, RDX, PETN, NG, AN, HMTD, HMX, TETRYL, TATP, UN, EGDN, DNT, Semtex, C4, Black Powder, etc.
Detectable Narcotics	Cocaine, Heroin, THC, MA, Ketamine, MDMA, Morphine, Amphetamine, LSD, Ephedrine, Fentanyl, etc.
Calibration Method	Automatic Internal Calibration
Verification Method	Standard Verfication Pen
Sampling Method	Particulate wiping
Sensitivity	Nanogram
False Alarm Rate	<1%
Analysis Time	< 8 seconds
Cleaning Time	< 15 seconds (Typical)
Warm-up Time	< 20 minutes
Readout	Automatic Pass/Alarm with substance name, credibility indicator and spectrum
Comm Interface	Ethernet/ USB / VGA
Dimension	340mm (L) ×325mm (W) ×233mm (H)
Weight	< 12kg
Power Supply	100~240 VAC, 47~63 Hz, 240W
Battery Standby	1 hours
Operating Temperature	-20°C ~ +55°C
Operating Humidity	0 ~ 95% non-condensing

Nuctech Company Limited

Address: 2/F Block A, Tongfang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R.C.
Tel: (8610) 400-650-2909
Fax: (8610) 62771512
Web:http://www.nuctech.com

NUCTECH AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (ISO9001:2008)
NUCTECH AWARDED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (ISO14001:2004)
NUCTECH AWARDED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSYTEM(GB/T28001-2011)