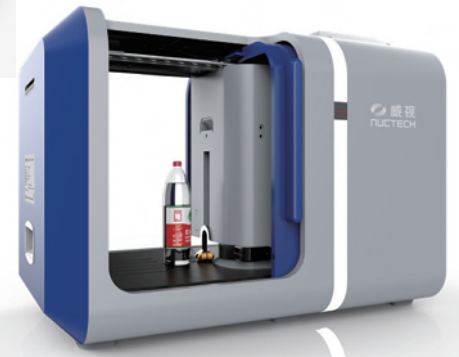


RT1003EB
Liquid Security Inspector



NUCTECH™ RT1003EB

Liquid Security Inspector

Summary

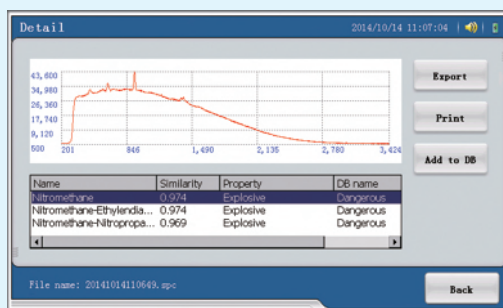
NUCTECH™ RT1003EB Liquid Security Inspector can analyze and identify most dangerous materials in various containers. Based on Raman spectroscopy of molecular detection, RT1003EB provides a reliable result of unknown liquid rapidly and accurately with a very low false alarm rate. RT1003EB, the new generation of RT series product, now combines non-transparent packaging identification in order to screening opaque container, such as metal container, black container and so on.

Unique design of two-sided door enables RT1003EB to work for dual-channel inspection at the same time, improving the efficiency of security checkpoint. With its excellent performance that ECAC approved, RT1003EB Liquid Security Inspector can be a powerful and ideal solution at airports for Liquids, Aerosols and Gels (LAGs) in all types of containers.

Technical Features

- Accurate and rapid identification for suspicious liquids
- Extensive library - adding new by users
- Reliable result in 5 seconds typically
- Dual-channel design
- Non-transparent container detection
- Adaptive packaging recognition
- Non-destructive and non-radioactive
- Standard USB and Ethernet for data transfer and software update
- User friendly interface with touch screen





RT1003EB
Liquid Security Inspector

Technical Data

General Specifications

Technology Principle	Raman spectroscopy
Detectable Threat Liquids	Flammables, explosives and precursors, toxic reagents, strong oxidizing and corrosive liquids, etc.
Open Database	Extensible library, support new additions by users
Types of container	Glass, plastic, paper, metal (Tetra Pak, foil, can, tin, aerosol)
Readout	Clear/Alarm (liquid security information) Identification Data with Raman spectrum Configurable visual and audible alarm
Startup Time	<60 seconds
Standard Inspection Time	~5 seconds
Communication Interface	USB and Ethernet LAN
User Interface	7" LCD touch-screen
Operation Temperature	0°C ~40°C
Power Supply	AC 100V ~240V 50Hz ~60Hz 40W
Network Applications	Centralized manage system
Container Size	Shape: 35cm high and 20cm wide (or diameter) Volume: 2mL to 3L
Dimensions (L×W×H)	755mm × 442mm × 532mm
Weight (including battery)	27kg
Certification	RT1003EB meets ECAC Type A and B Standard 3

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

