

# NUCTECH™ RT6000

Handheld Chemical Identifier



## Technical Features

- High accurate and flexible identification of a wide range of the unknown substance with extensible substance library
- Analyze and identify substances in several seconds typically
- Non-destructive and Non-radioactive testing
- Handheld and ergonomic design
- Micro USB for data transfer and software update
- Friendly operation based on touch-screen with graphical user interface and minimal training required

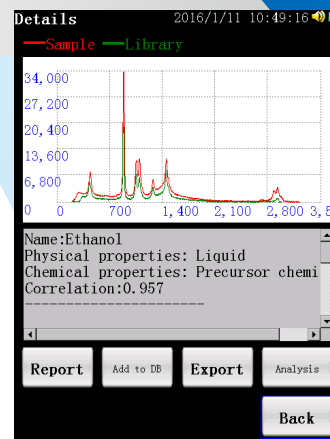
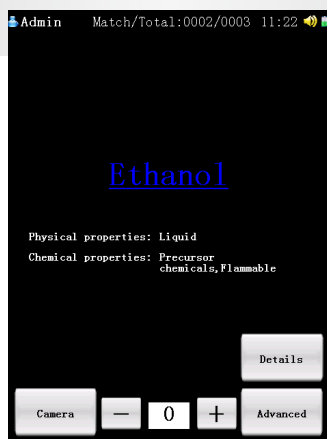
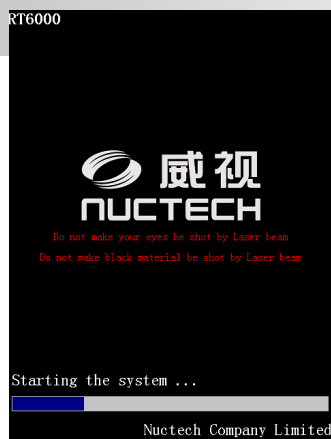
## Summary

NUCTECH COMPANY LIMITED offers RT6000 Handheld Chemical Identifier for rapid, accurate identification of the unknown liquids and solids such as threat liquids, narcotics, explosives, and chemical warfare materials. Based on Raman spectroscopy, RT6000 can analyze the unknown substance quickly and provide an immediate, reliable result.

RT6000 Handheld Chemical Identifier can be widely used in public, borders, armies, ports and quality testing, and fully satisfies daily inspection and onsite operation in these fields. RT6000 will play an increasing important role in many fields, such as Criminal investigation, Chemical defense, Counter-terrorism, Anti-drug, Anti-smuggling and so on.

# NUCTECH™ RT6000

## Handheld Chemical Identifier



## Technical Data

### General Specifications

Technology Principle	Raman Spectroscopy
Detectable Narcotics	Most narcotics, such as Ketamine, Ice, Cocaine, Morphine, Toluene, Ophedrine, Acetone and Aether.
Detectable Explosives	Most commercially available and military explosives, such as TNT RDX, Nitramine Explosive, HMX, TATP, Composition B, PETN, etc
Detectable Toxics and Harmfuls	Most Chemical warfare agents, Poisonous liquid and solid, strong oxidizing and strong corrosion liquids, etc
Open Database	Extensible library, substance can be added to the library by users
Readout	Automatic Clear/Alarm with credibility indicator Substances identification with characteristic spectrum display Configurable visual and audio alarm
Startup Time	<60 seconds
International Protection	IP67
Communication Interface	Micro USB
User Interface	3.5" touch-screen LCD
Operation Temperature	-20°C ~ +55°C
Power Supply	100~220VAC 50~60Hz
Network Applications	Remote data query, setting and centralized library manage system
Dimensions(L×W×H)	237mm×98mm×57mm
Weight(Including Battery)	1.2kg

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