

SD6000 Handheld Chemical Identifier, for rapid, accurate identification of unknown liquids and solids such as threat liquids, narcotics, explosives, and chemical warfare materials. Based on Raman spectroscopy, SD6000 can analyze the unknown substance in question quickly and provide an immediate, reliable result.



Application:

- **Army/Police/Anti-terrorism**
 - ✚ Investigate drug smuggling
 - ✚ Explosive detection
 - ✚ Chemical warfare agents detection
 - ✚ Suspicious chemical analysis
- **Inspection and quarantine**
 - ✚ Illicit drugs inspection
 - ✚ Unknown chemicals analysis
- **Pharmaceutical chemical:**
 - ✚ Raw material analysis
 - ✚ Product quality analysis

◆ Analyze sold, liquid or powder articles as bellow:

Explosives	TNT ,RDX, PETN, Octagon, Sulfur and Ammonium Nitrate, etc.
Narcotics	Cocaine hydrochloride, Palavering hydrochloride, Methamphetamine (meth), Methamphetamine and Ketamine hydrochloride (K), etc.
Liquid Threats	Acetic acid, Acetic anhydride, Ethanol, Chloroform, Methanol, Toluene, Acetone, Pyridine, Benzene, Ethyl ether, Cyclohexane, 1-2 Dichloroethane, Xylene, N,N-dimethylformamide, Isoamyl alcohol, Isopropyl alcohol, Nitrobenzene, Cyclohexanone, Isoamyl acetate, Tetrahydrofuran, etc.
Others	infinitely extension database

Securina Detection System Co., Limited.

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X Ray Screening System, Under Vehicle Scanning System, Explosives and Narcotics Detection, Liquid Scanner, Walk Through Metal Detectors, Explosive Disposal Device

◆ Technical specification:

- High accurate and flexible identification of a wide range of the unknown substance with extensible substance library;
- High speed inspection;
- Handheld and ergonomic design;
- Non-destructive and Non-radioactive testing;
- Analyze and identify substances in several seconds typically;
- Micro USB and Wi-Fi for data transfer and software update;
- 5.6 inch touch screen ;
- Can check the information from mobile phone software ;
- Integrated Bluetooth for data sending;
- Friendly operation based on touch-screen with graphical user interface and minimal training required.

◆ Physical specification:

Device size:	160 X 222 X 74 mm
Gross weight:	2.3 kg
Laser power:	0-500mW adjustable
Display:	5.6-inch high-definition color touch screen
Detecting time:	100ms - 5s
Probe working focal length:	8 mm
Data:	USB or wireless import and export
Power:	12V / 3A power adapter
Battery:	Rechargeable lithium battery, time > 5hr

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