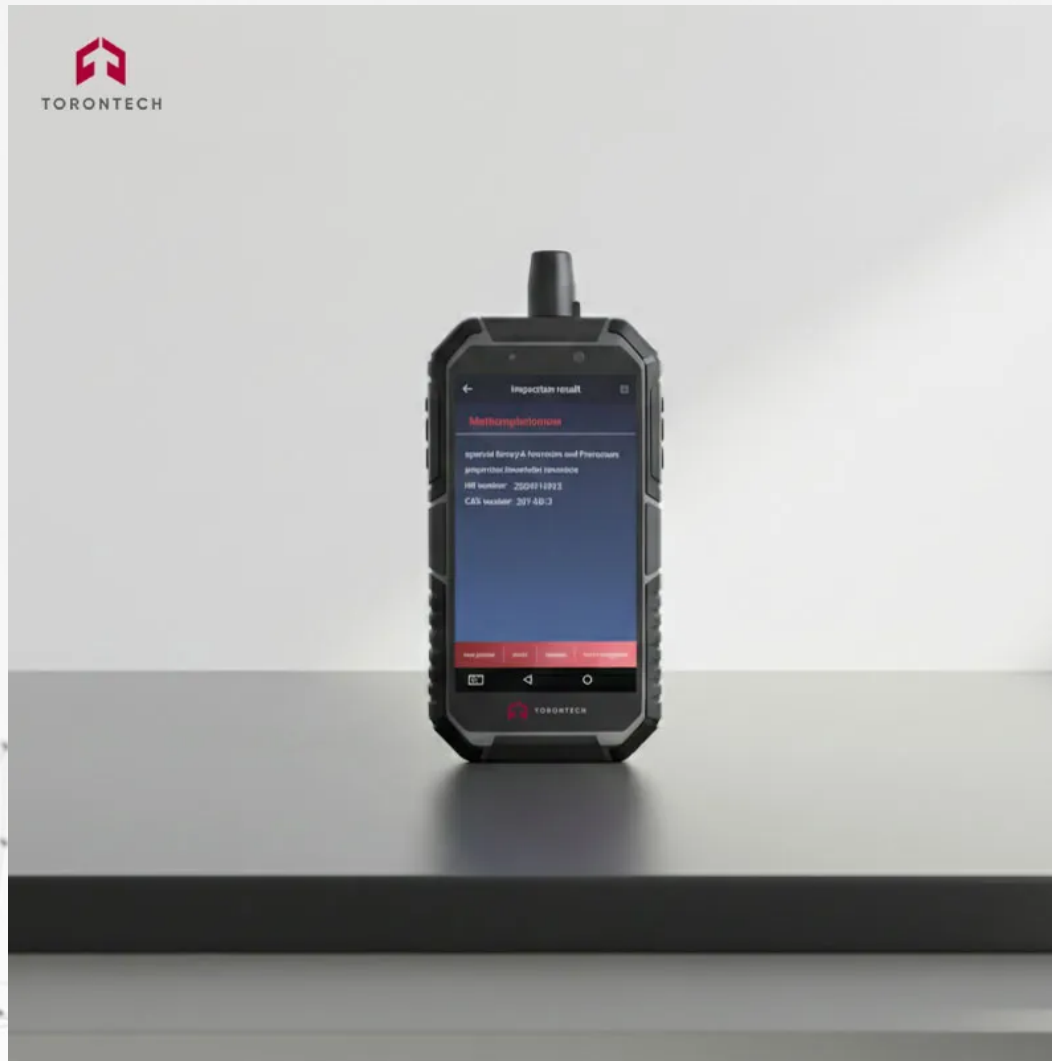


HANDHELD RAMAN SPECTROMETERS - TORONRS™ -S785



Security Purpose Handheld Raman Spectrometer is a next-generation utilizing Raman Technology for the rapid and accurate identification of unknown materials. Designed to be compact and lightweight, weighing less than 500g, it is ideal for single-hand operation and easy portability for security purpose.

The device is built with a safety inspection module to detect materials without variation and can detect dark black material without ignition risk. It features a 5-inch high-sensitive touch screen, a built-in 13-million HD camera, and integrated Wi-Fi, 4G, and Bluetooth transmission modules, providing an intelligent operation experience and enabling data export.

APPLICATIONS

Applications

The Portable Raman Spectrometers for Security Purpose is used to quickly identify a wide range of materials across various sectors:

- Security & Law Enforcement:
 - Identifying illicit drugs (Narcotics) and precursor chemicals (e.g., Heroin, Methyl amphetamine, Ephedrine, Acetone).
 - Detecting explosives (e.g., TNT, RDX, TATP, Nitro mine).
 - Screening dangerous liquids (e.g., Ethanol, Gasoline, Hydrogen peroxide, Nitric acid).
- Industrial & Manufacturing:
 - Identifying industrial raw materials (e.g., PET, PP, PS).
 - Identifying chemical and biochemical raw materials and pigments.
- Gemology & Collectibles:
 - Identifying jewelry and gems (e.g., Diamond, Agate, Jade).

FEATURES

Handheld Raman Spectrometers - ToronRS™ -S785 Features/Advantages

The Security Purpose Handheld Raman Analyzer is built for efficient field operation with the following key highlights:

- Portability & Ergonomics: Handheld, ergonomic design that is compact and lightweight, weighing less than 500g.
- Rapid Identification: Provides accurate and rapid identification of suspicious substances.
- Safety Features: Built-in safety inspection module allows for the detection of dark black material without ignition risk.
- Comprehensive Data: Result output includes the material name, property, spectrum, MSDS (Material Safety Data Sheet), and a result report (with result, image, location, operator, date, and time).
- Connectivity & Imaging: Features built-in Wi-Fi, 4G, Bluetooth, and a 13-million HD camera for data transmission and evidence collection.
- Extensive Library: Offers an extensive spectral library with the ability to add new spectrograms.

TECHNICAL SPECIFICATIONS

Handheld Raman Spectrometers - ToronRS™ -S785 Technical Specifications

Product Name	ToronRS™ -S785
Laser Wavelength	785 nm
Communication interface	Wi-Fi, 4G, Bluetooth, Micro-USB
Weight	Less than 500 g

Camera	13 million HD camera
Working Temperature	-20° ~ 50° C
Power Supply	Rechargeable lithium battery
Touch screen	5 inch
Operating time	4 - 6 hours
Weight	730 g
Dimension (without probe) (L x W x H)	160 x 84 x 30 mm



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 🇨🇦

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 🇺🇸

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 🇦🇪

Phone: +971 488 19252
Email: me@torontech.com

