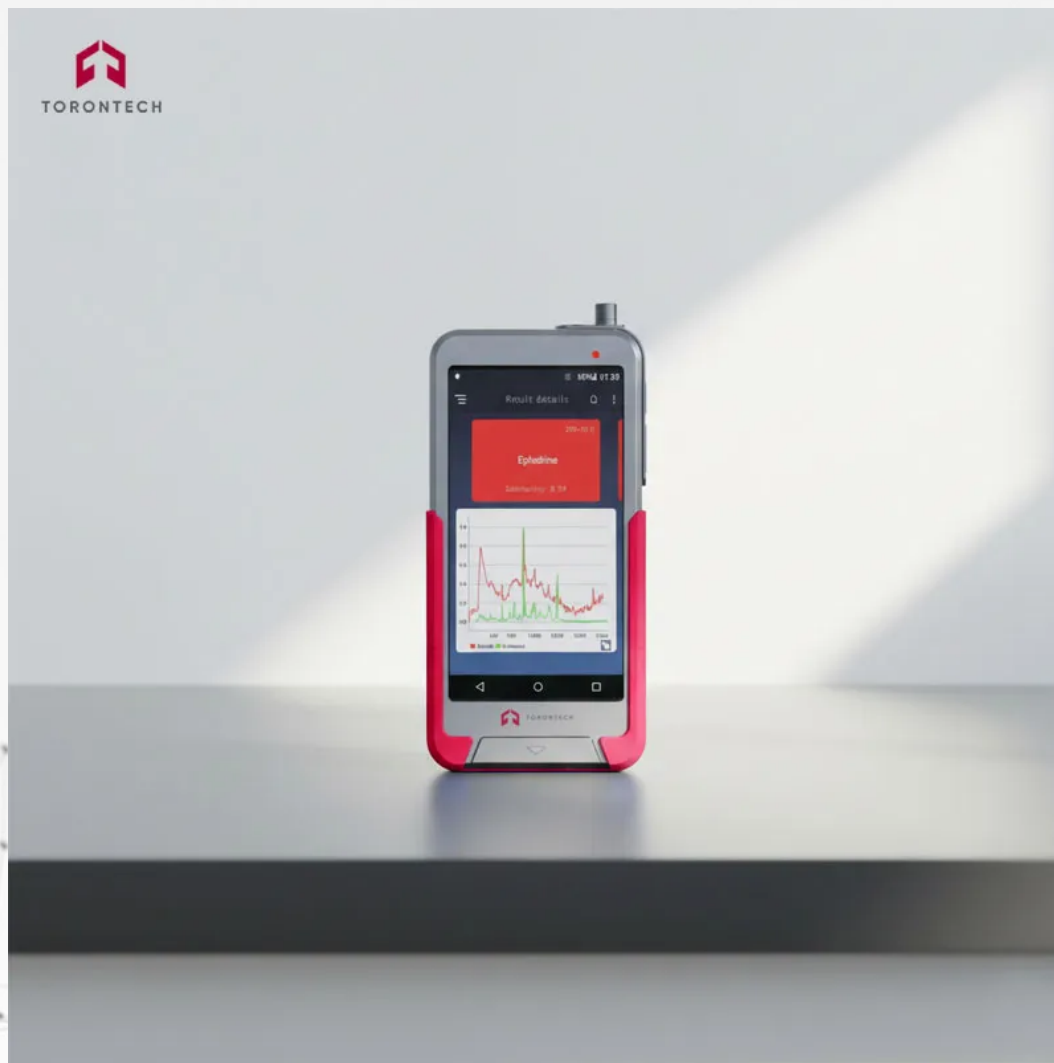


HANDHELD RAMAN SPECTROMETER - TORONRS™ FAMILY



Handheld Raman Spectrometer - ToronRS™ Family

ToronRS™ Family is a comprehensive line of rapid, non-destructive chemical identification for pharmaceuticals, chemicals, hazardous materials, and industrial products. Using advanced Raman spectroscopy, each device analyzes molecular vibrations to provide clear, accurate results within seconds—without opening the container or preparing the sample.

They are widely used in quality control, raw-material verification, law enforcement, customs inspection, emergency response, and hazardous-material identification. ToronRS™ Family combine portability, high spectral accuracy, and powerful libraries to support demanding applications across regulated industries and real-world field applications.

Available Laser Wavelengths

We offered with two laser options:

1. 785 nm Laser (Standard Raman)

- Delivers strong signal intensity for general testing
- Suitable for most organic and inorganic materials
- Ideal for pharmaceuticals, plastics, cosmetics, minerals, and industrial chemicals

2. 1064 nm Laser (Low-Fluorescence Raman)

- Greatly reduces fluorescence interference
- Essential for dark, colored, impure, or fluorescent materials
- Recommended for biochemical substances, pigments, dyes, and challenging raw materials

Applications Across Industries

The ToronRaman™ RS Family is engineered for a wide range of non-destructive chemical identification including but not limited to:

1. Pharmaceutical Manufacturing :Raw-material verification, excipient identification, and GMP-compliant inspection.
2. Security, Customs, and Law Enforcement :Rapid screening of narcotics, explosives, precursor chemicals, and unknown substances.
3. Chemical and Industrial Manufacturing :Non-destructive testing of solvents, polymers, additives, and finished products.
4. Environmental and Emergency Response :On-site identification of hazardous liquids and powders during critical incidents.
5. Gemology and Mineral Analysis :Fast, non-destructive authentication of gemstones and minerals.

As a trusted global manufacturer of advanced analytical technologies, Torontech delivers reliable, high-performance handheld Raman spectrometers designed for accurate, non-destructive material identification, and user-friendly operation. Our systems combine precision optics, powerful spectral libraries, and intuitive software to support rapid decision-making across pharmaceutical, chemical, security, and industrial environments.

Whether you're verifying raw materials in a GMP-regulated facility or identifying unknown substances in the field, ToronRS™ Family solutions provide the speed, portability, and confidence you need. With strong anti-fluorescence options, through-package testing capability, and robust engineering, each instrument is built to deliver consistent, professional-grade results backed by Torontech's global expertise and dedicated customer support.



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