

HANDHELD RAMAN SPECTROMETER - TORONRS™ -P785



Portable Raman Pharmaceutical Spectrometer is a compact and lightweight Handheld Raman Spectrometer engineered to meet the stringent requirements of the pharmaceutical industry. This instrument enables 100% package-by-package inspection of both raw and packaging materials.

This Handheld Raman Spectrometer can utilizing an advanced machine learning algorithm for accurate recognition, it offers a simple, safe, and non-destructive method for material identification that is completed rapidly within a few seconds, even through common packaging like glass, plastic, or woven bags.

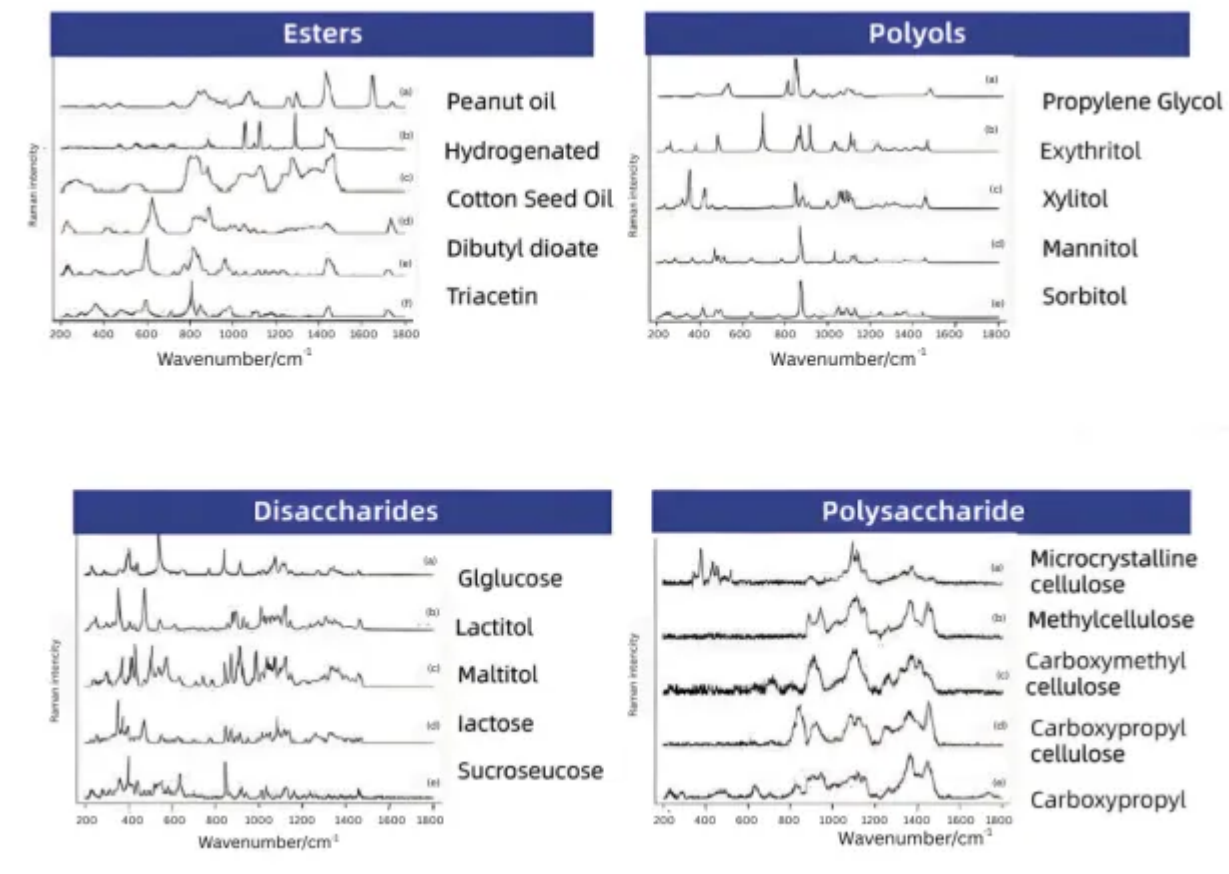


APPLICATIONS

Applications

The Raman spectrometer detects a wide range of materials:

- Pharmaceutical Excipients: Such as salts, alkalis, sugars, esters, alcohols, phenols, etc.
- Chemical Raw Materials: Including common substances like aspirin, acetaminophen, folic acid, nicotinamide, etc.
- Packaging Materials: Including polyethylene, polypropylene, polycarbonate, ethylene-vinyl acetate copolymer, etc.



The Handheld Raman Spectrometer is designed for flexible use across various pharmaceutical environments:

- Warehouse Inspection: Rapid identification of raw materials and packaging upon receipt.
- Material Preparation Rooms: Quick verification of materials before use.
- Production Workshops: Real-time, non-sampling material testing during manufacturing processes.



FEATURES

Handheld Raman Spectrometer - ToronRS™ -P785 Features/Advantages

The Portable Raman Spectrometers for Pharmaceutical offers several key advantages for quality control:

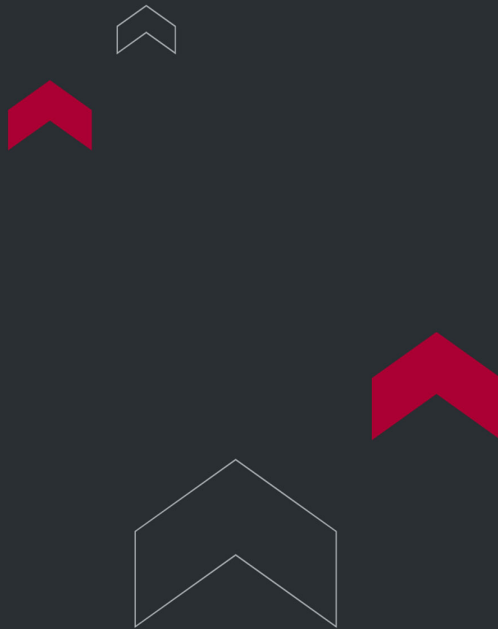
- Quick Identification: Identification is completed within a few seconds for rapid quality checks.
- Non-Destructive Detection: Allows direct detection through packaging materials like glass, woven bags, and plastic, and eliminating the need for sampling.
- High Accuracy: Supported by an advanced machine learning algorithm for accurate recognition and strong specificity.

- **Portability and Flexibility:** The compact and lightweight design allows for flexible movement and use across multiple areas like warehouses and production workshops.

TECHNICAL SPECIFICATIONS

Handheld Raman Spectrometer - ToronRS™ -P785 Technical Specifications

Product Name	ToronRS™ P785
Laser Wavelength	785 nm
Weight	< 500 g (including battery)
Communication interface	USB/ Wi-Fi/ 4G/ Bluetooth
Power Supply	Rechargeable Li-battery
Data format	txt/JPEG/PDF/SPC
Operating Time	4-6 hours
Testing Time	± 3 seconds



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

