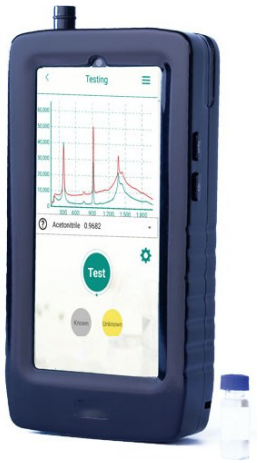
Finder Edge Handheld Raman Spectrometer, 785 nm, 200–2000 cm^{-1}, 0.48 kg

Model Finder Edge · waveqvanta.com/products/finder-edge-handheld-raman-spectrometer

Handheld 785 nm Raman analyzer for fast, non-contact identification of materials on site.



Finder Edge (FE) is a compact handheld Raman analyzer for rapid sample identification in the lab, the warehouse or the field. Non-technical users can identify materials with one-click operation, and measurements can be made without contact through transparent containers. The instrument weighs 0.48 kg and runs for up to 6 hours.

Key features

- 785 nm excitation up to 450 mW, 200–2000 cm^{-1} spectral range, 12 cm^{-1} resolution
- Non-contact measurement through transparent containers and packaging
- One-click identification against an onboard spectral library
- Up to 6 hours of operation in a 0.48 kg, 18 × 8.85 × 3.3 cm instrument
- 10 mm and 15 mm focus collection lenses
- Bluetooth and Wi-Fi connectivity
- Compliant with FDA 21 CFR Part 11; meets USP 1120 and Ph. Eur. 2.2.48

Specifications

Laser Wavelength	785 nm
Laser Output Power	≤450 mW
Laser Class	Class 3B
Spectral Range	200–2000 cm^{-1}
Spectral Resolution	12 cm^{-1}
Collection Optics	10 mm and 15 mm focus lenses
Connectivity	Bluetooth and Wi-Fi
Operating Time	Up to 6 hours
Compliance	FDA 21 CFR Part 11; USP 1120; Ph. Eur. 2.2.48
Certification	CE and RoHS
Weight	0.48 kg
Size	18 × 8.85 × 3.3 cm

Typical applications

- Food safety: illegal additives, pesticide and veterinary drug residues
- Gem and mineral identification
- Petrochemicals: oil adulteration, oil quality, chemical raw materials
- Pharmaceutical raw material and API identification, counterfeit detection
- Narcotics analysis and security screening
- Archaeology, geology and process monitoring