Finder Insight Pro Benchtop Raman Microscope, Built-in Sample Viewing

Model Finder Insight Pro · waveqvanta.com/products/finder-insight-pro-benchtop-raman-microscope

Compact desktop Raman microscope that brings research-grade measurement to a small footprint.



Finder Insight Pro is a compact desktop Raman microscope designed to give research-grade performance in a small footprint. Its free-space optical path is coupled directly to the spectrometer to maximize light collection, and a built-in viewing path lets the operator pick the measurement point visually. Test spectra on the source page are shown for the FI532-Pro, FI785-Pro and FI1064-Pro versions.

Key features

- Free-space optical path coupled directly to the spectrometer for high light-collection efficiency
- Built-in sample viewing path for visual selection of the measurement point; moves in and out of the beam automatically
- Vertical (top-down) optical path accepts almost any sample shape
- Optional horizontal optical path accessory for liquids in glass vials or tubes
- Optional 96-well plate for automated measurement
- Acquisition modes: single spectrum, continuous and interval acquisition
- Data processing: fitting, smoothing, peak finding and peak-area calculation; optional spectral database for identifying unknown samples

Specifications

Instrument Type	Desktop Raman microscope
Versions Shown	FI532-Pro, FI785-Pro, FI1064-Pro
Optical Coupling	Free-space optical path, directly coupled
Sample Viewing	Built-in monitoring path with automatic insertion and removal
Measurement Geometry	Vertical (standard); horizontal accessory optional for vials and tubes
Automation Option	96-well test plate with automatic measurement
Acquisition Modes	Single spectrum, continuous, interval
Data Processing	Fitting, smoothing, peak finding, peak-area calculation
Spectral Library	Optional database for comparison of unknown samples

Typical applications

- Biomedicine
- Polymer chemistry
- Environmental and materials science
- Geological science
- Cultural relic identification and restoration
- Forensics and drug identification