

Agilent Resolve Raman Handheld Spectrometer

For nondestructive chemical analysis on the go

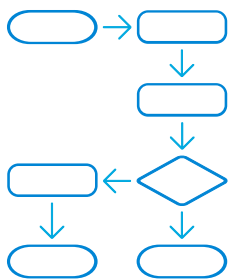


The Agilent Resolve Raman handheld spectrometer is a cutting-edge analytical instrument, specifically engineered for applications beyond the confines of a traditional laboratory. Its high-quality optical engine, laser wavelength, portability, and ease of use make the Resolve system an invaluable tool for fieldwork, enabling rapid and reliable chemical analysis in diverse environments. This device also leverages proprietary handheld spatially offset Raman spectroscopy technology, which can provide high-quality subsurface Raman spectra when analyzing samples enclosed within various sealed nonmetallic containers, barriers, and packaging materials.

Depending on your needs, you can create custom libraries and take advantage of the onboard algorithm, or export Raman data for analysis with your advanced spectroscopic program of choice.

Agilent has recently unveiled the latest version of the Resolve, which aims to make Raman analysis in advanced applications more efficient and flexible through its Academic Mode feature.

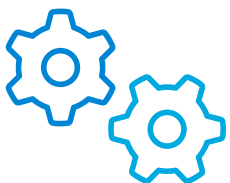
Academic Mode highlights



Workflow flexibility

Enhanced flexibility for advanced Raman analysis:

- Remove unnecessary scan steps for your application, further decreasing scan time
- Skip library matching if user libraries not used
- Skip ambient checks
- Manually override automated scan protocols



Acquisition settings

Control settings to optimize your scan conditions:

- Offset position
- Integration times
- Number of accumulations
- Matching thresholds



Further application support

For users who want to develop their own interface for advanced external analysis, the live data-streaming package provides the information needed to include data pull after each scan.



Additionally, the latest version of Resolve offers:



Improved battery management



Increased efficiency and reliability



Accelerated scan time by 2x, completing through-barrier scans in under a minute



New self-checks for maximum scan data quality



Faster library updates and data export



Flexibility for advanced uses

Upgrades are available for current Resolve users at a discounted rate in 2025.

The Agilent team is here to support your operations.
Contact us to find out more about Resolve or to discuss ongoing support.

Click or scan the QR code to visit the Resolve page for more information and to see firsthand the capabilities of the Resolve spectrometer.



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