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"Fingerprint" vs Handheld Raman applications and the different Optical Filters that enable them

Details matter – High precision Raman

"Fingerprint" vs Handheld Raman Applications and the Different Optical Filters That Enable Them

Raman spectroscopy is a powerful non-invasive, non-contact tool capable of identifying molecular constituents of samples. Wavelength selective optical filters are used to block the dominant Rayleigh scattered light and transmit only the Raman photons providing "more signal, with less background" to the detector. It is critical to balance the performance and commercial needs of different markets and applications when selecting the optical filters for each application.

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