## **RAMAN MICROSCOPY & 3D RAMAN IMAGING**

The combination of a confocal microscope with a high-throughput Raman spectrometer enables the generation of images that reveal the three-dimensional distribution of chemical compounds. This nondestructive imaging technique can be applied to a wide variety of inorganic and organic samples such as semiconductors, low-dimensional materials, thin films, polymers, drug delivery systems, minerals, living cells or biological tissues.





Confocal Raman microscopes routinely deliver 3D Raman images and depth profiles of exceptional spectral and spatial resolution. This performance in speed, sensitivity and resolution can be realized simultaneously without compromise.



Detector

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