

## Our strategy in action

### Case study

# Successfully growing our Raman business

### Links to strategy



**Our Raman spectroscopy products are finding new markets and delivering strong growth as WITec, acquired in 2021, integrates more fully into Oxford Instruments.**

Raman spectroscopy provides detailed information about the chemical make-up of molecular samples by measuring the way scattered light interacts with chemical bonds. Having been a specialist technique for many years, following its discovery by physicist CV Raman in the 1920s, it is now entering mainstream research as increasing numbers of researchers in both academic and commercial labs see its many benefits, and as it becomes more accessible thanks to the speed and ease of use of our latest models. Used in combination with our bespoke software, Raman can identify unique characteristics in a wide range of materials, in any state including solids, liquid and gases, and in both 2D and 3D. It is also non-destructive, since it does not come into contact with materials, meaning the same sample can be tested multiple times.

Oxford Instruments acquired leading German Raman imaging provider WITec in 2021, recognising the strong synergies with our existing portfolio of materials analysis techniques. The business has seen an acceleration in its growth this year as it benefits from closer integration with other product lines in Imaging & Analysis (for example via the successful launch of RISE, the world's first fully integrated Raman imaging and scanning electron microscopy), and focuses on our core market segments – materials analysis, semiconductor, and healthcare & life science. A new semiconductor-specific edition has won key commercial orders in Germany and Japan, and we have also seen strong growth in life science applications for Raman as customers increasingly choose our products to explore metabolic changes in cells.

➔ Read more about our Raman microscopy range at [raman.oxinst.com](https://raman.oxinst.com)



Raman has achieved  
strong revenue growth

+18% CC

Momentum is accelerating  
with strong order growth

+47% CC