

Introducing the brand new Spero-QT Infrared Microscope

The cutting edge of high-performance label-free chemical imaging powered by quantum cascade lasers.



Key benefits of Spero-QT



Fast

Real-time, high-throughput spectral imaging enabled by ultra-high brightness quantum cascade laser technology.



Label-free

Infrared spectroscopy let's you see the pure chemistry of your sample without stains or molecular tags.



Easy-to-use

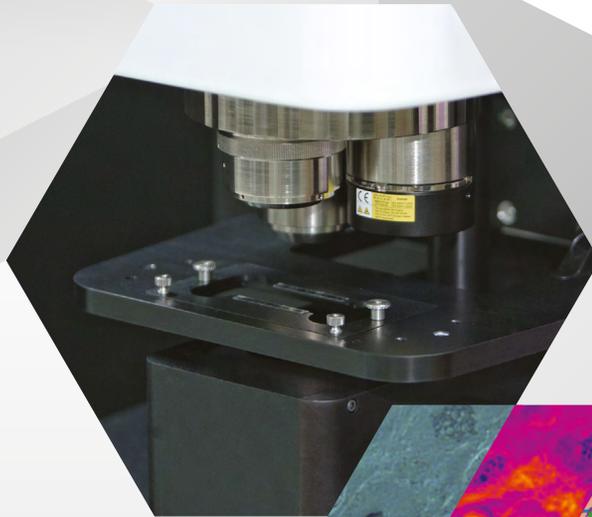
Cryogenic cooling is now a thing of the past. No set up required, enabling you more time for analysis.

"I thought the first generation Spero microscope was a game changer. The Spero-QT is a whole new world."

Prof. Cyril Petibois
University of Bordeaux

Spero^{QT}
®

CHEMICAL IMAGING.
LABEL-FREE SINCE 2017



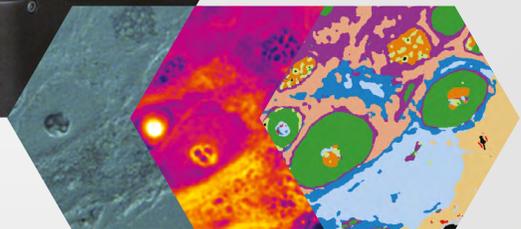
Tablets and powders

Real-time monitoring and quantification of API distributions.



Microfluidics

Video rate imaging of chemical reactions and mixing.



A true breakthrough in high-performance label-free chemical imaging.

Redefining the pharma workflow

The Spero-QT is the next breakthrough in label-free chemical imaging and represents the second generation of high-performance infrared microscopes powered by quantum cascade laser (QCL) technology. The Spero-QT shares the wide-field, high-resolution attributes of its predecessor but has the ability to produce twice the data in 1/10 of the time while achieving unprecedented signal-to-noise levels. Furthermore, the footprint is smaller and the stage travel can now accommodate up to 3 slides. A larger sample compartment area also makes the Spero-QT more compatible with microfluidic devices and accessories.

Visualizing chemistry

Spero is powered by Daylight Solutions' proven Quantum Cascade Laser (QCL) technology and is designed specifically for mid-infrared spectral imaging analysis. Spero and its software suite, ChemVision™, provide ground-breaking chemical imaging capabilities to users in fields ranging from cancer research and drug discovery to materials research and semiconductor analysis.

Learn more about Spero-QT

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Removal of the IR camera violates U.S. Law and is strictly prohibited without a valid export license issued by the U.S. Department of State, Office of Defense Trade Controls, prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulation, Parts 120-130.

