

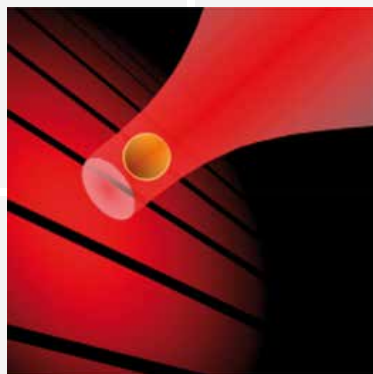
Micro Raman Accessory

CaptuR
Laser Trapping Solution

For Micron Scale
Elements
Ideal for Biological
Applications

The CaptuR accessory is a unique and integrated **laser trapping** solution for the LabRAM HR Evolution.

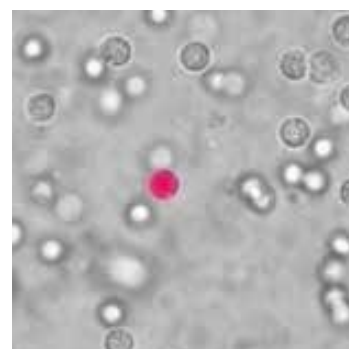
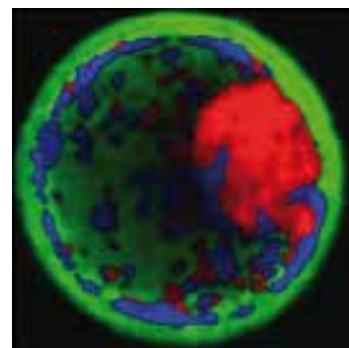
CaptuR enables simple and effective laser trapping of micron scale elements.



CaptuR

Laser trapping (also known as **optical tweezers**), uses the force induced by the strong electric field gradient of a focused laser beam to hold a **particle** or a cell at the focal plane.

- **Capture** a particle or a cell in a liquid medium, and hold it immobile whilst conducting microscopic measurements such as confocal Raman or fluorescence.
- **Simultaneous measurement.** Once the particle or the cell is trapped, you can analyze it simultaneously by Raman and use the full capabilities of the instrument.
- **Map.** Combined with DuoScan™, it is uniquely possible to map the cell or particle immobilized in a liquid media.



Specifications	
Wavelength	1064 nm
Laser output power	> 300 mW or >1000 mW ¹
Spectral range	[370 nm-1015 nm] and [1140 nm-1600 nm] ²
Spot size	0.8 μm to 10 μm ³
Raman system compatibility	LabRAM HR Evolution

¹ Other power available on request

² Depending on instrument spectral range

³ Depending on microscope objective magnification

Find out more at www.horiba.com/raman



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