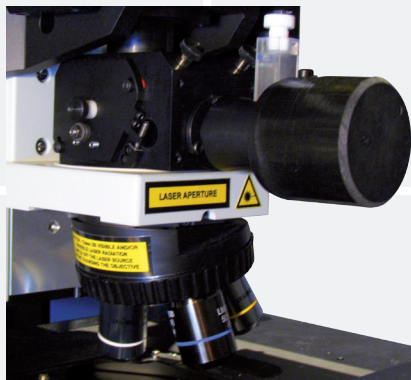


## Micro Raman Accessory

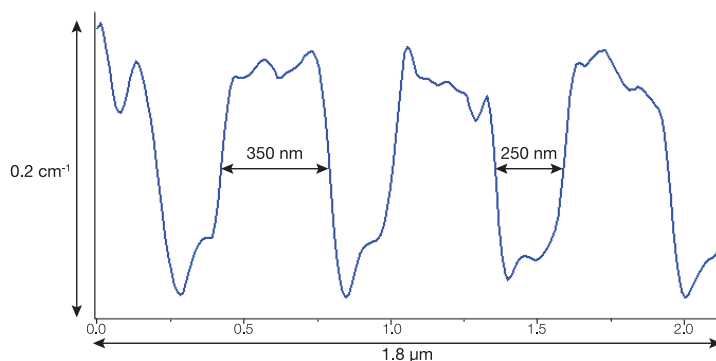
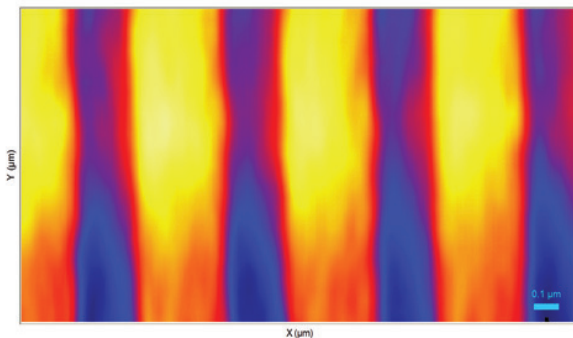
Sample-Ref

Reference Sample  
for Environment  
Change Monitoring



# Sample-Ref

The Sample-**Ref** accessory permit to apply a **correction** on the data that have been influenced by **environment changes** (room temperature, laser drift, etc.). It is very useful for fine wavenumber shift measurement (stress & strain, graphene, etc.). The LabRAM HR evolution equipped with this device can exhibit a very high spectral accuracy (typically better than  $0.02 \text{ cm}^{-1}$ ).



- **Spectral drift correction.** A neon lamp spectra can be recorded together with the spectra of the analyzed sample allowing to correct the spectrometer spectral drift. The Raman spectrum of a reference sample can be measured simultaneously to the spectrum of the analyzed sample and permit to correct laser and spectrometer spectral drift.
- **Laser power monitoring.** Measuring a reference sample simultaneously with the sample of interest permits also to monitor and to correct the intensity of variation induced by the laser.
- **Macro Raman.** The same module can also be used as a macro Raman device.

This accessory can be easily mounted on the open-space (FSM) upright microscope of the LabRAM HR Evolution.

Find out more at [www.horiba.com/raman](http://www.horiba.com/raman)



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