

Laboratory of infrared and raman spectroscopy and mimicroscopy

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Vacuum FTIR spectrometer VERTEX 80v

- spectral range 5 - 25 000 cm^{-1} ((i.e. from far infrared to visible region)
- continuous flow cryostat with temperature range from 300 do 4 K.
- transmission and reflectance

Infrared FTIR microscope

- spectral range 400 - 4 000 cm^{-1}
- transmission and reflectance

Raman and FTIR spectrometer and microscope

- spectral range 50 - 5 000 cm^{-1}
- infrared laser 1064 cm^{-1} power 1 - 2000 mW

suitable for study all kinds of materials in liquid and solid state

