

Raman spectroscopy setup

- MicroRaman spectrometer (LabRAM HR Visible, HORIBA Jobin Yvon) with microscope Olympus BX41
- He-Ne laser (633 nm), Ar⁺ ion laser Stellar-Pro Select 150 (Modu-Laser) (515 nm, 488 nm и 458 nm)
- Objectives X10, X20, X50, X100, X50LWD, X20 with correction lense, X50 immersion (Olympus)
- Motorized XY-table SCANplus (Marzhauser)
- Optical microcryostat Microstat N (Oxford instruments) (77 K - 600 K) with vacuum pump HiCube TC110 (Pfeiffer Vacuum)
- Optical heating/cooling stages TH600 and THMS600 (Linkam) (77 K – 600 deg C)

