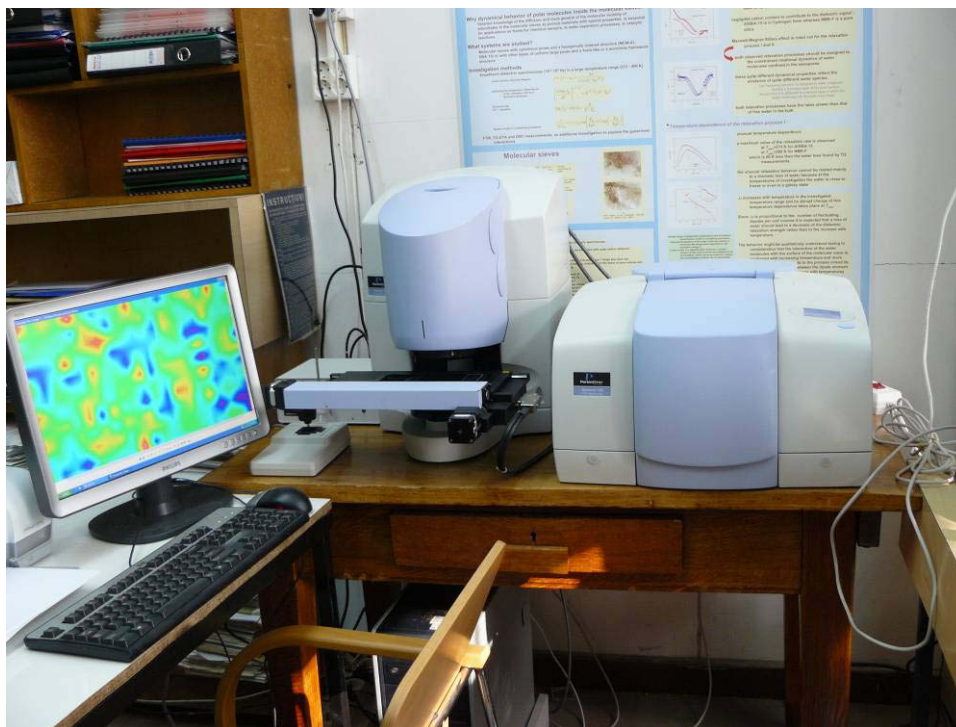


## FTIR imaging microscope SPOTLIGHT 400 (Perkin Elmer)

It includes SPECTRUM 100 spectrometer (Perkin Elmer)



### ***Technical data:***

It collect 170 high-quality spectra per second;

Pixel sizes of 6.25 $\mu$  and 25 $\mu$ ;

Image sizes that match sample sizes.

***Applications:*** characterization of the materials and manufacturing processes; pharmaceutical industry; analysis of paint chips, drugs, fibers and explosives, to fiber-plastic fusion studies and imaging of tablets, packaging and documents; examine processes and chemical changes in a wide range of diseases including, among others, osteoporosis, cancer and tumor growth, protein-folding diseases etc.