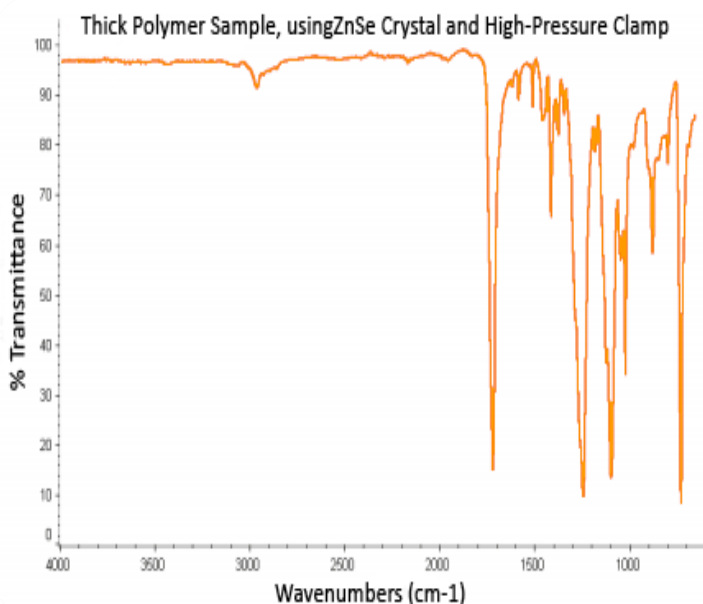
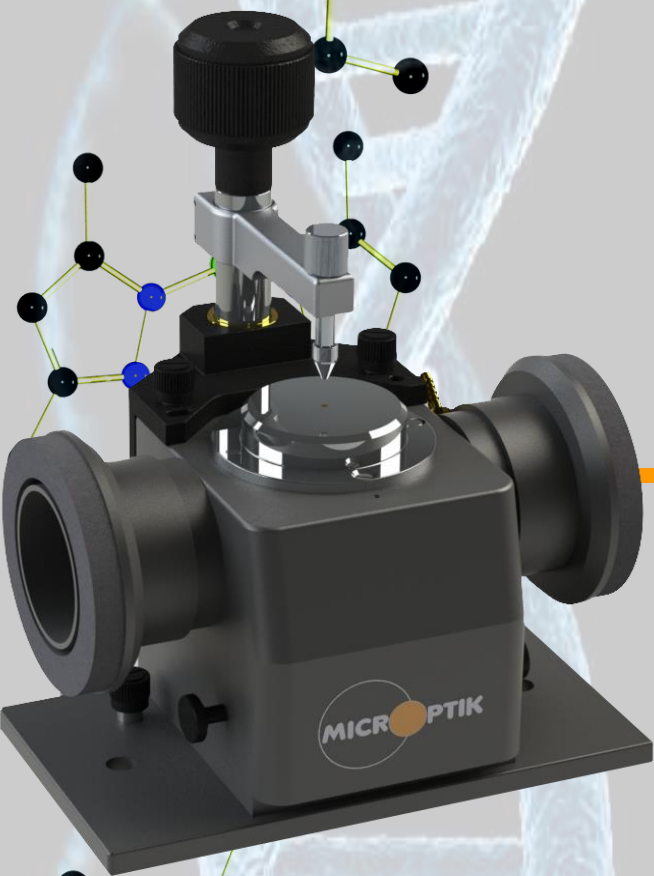




FRONTLINE™ SR ATR

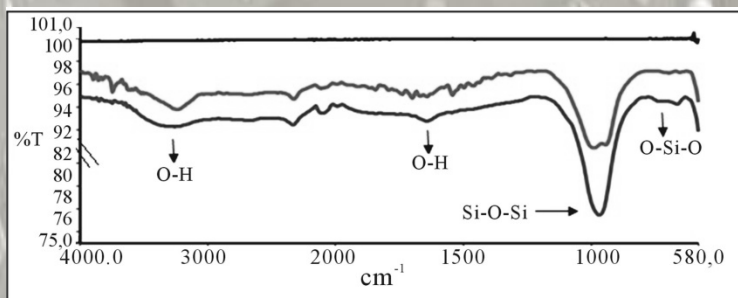
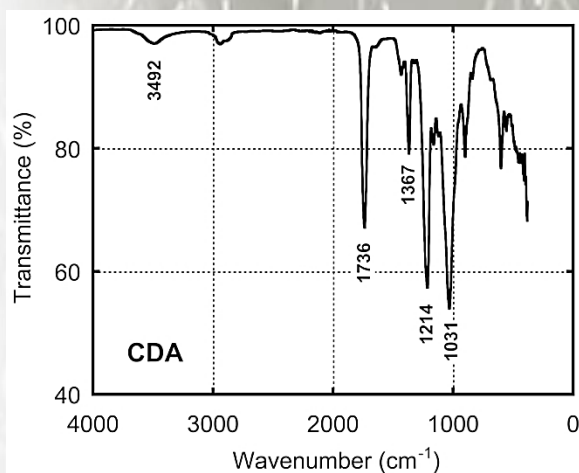
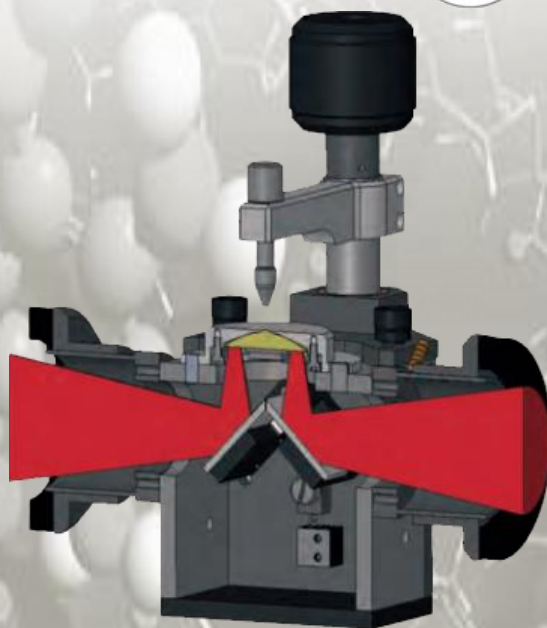
MicOptik's FRONTLINE SR is an ATR accessory specially designed for analysis of solid, gels, liquid samples. A Single Reflection ATR accessory with IR throughput is the best solution for sample identification and can be used for Quality Control applications .

Our instrument can be configured with 4 crystal types of different refraction indices for specific sampling requirements. We offer several easily changeable clamps either for low or high pressure applications, digital clamp with LCD readout for controlled pressure. Depending on customer needs we provide heated crystal plates for temperature controlled applications, sealed clamp for toxic materials, liquids retainer and cover for highly volatile liquids.



Features

- ZnSe, diamond, Ge and Si crystal plates
- High-pressure, digital high pressure and micrometric sample clamps
- Easily changeable clamps and crystal plates
- Single or multi-reflection crystal plates available



Technical Specification

Angle of incidence	45 degrees
Pressure device	Rotating, continuously variable pressure
Maximum pressure	10, 000 psi
Crystal surface dimensions	1.8 mm
Temperature range	Ambient to 55 or 120 °C maximum
Accuracy	+/- 0.5%
Temperature control	Digital with PC control
Operating voltage	2.5 A/24 VDC/50 W
Dimensions (WxDxH)	104 x 103 x 210 mm