

ALPHA FTIR Spectrometer

Specifications:

Spectral range:	375 – 7,500cm ⁻¹ , with KBr beamsplitter
Spectral resolution:	3 units :< 2cm ⁻¹ 1 unit :< than 0.8cm ⁻¹ (adjustable to 256cm ⁻¹)
Wavenumber accuracy:	≤0.05cm ⁻¹ @ 1,576cm ⁻¹
Interferometer RockSolid™:	Permanent aligned, high stability
Optics:	Sealed and desiccated, all mirrors gold coated
Detector:	High sensitivity RT- DLATGS (room temperature)

FTIR Techniques:

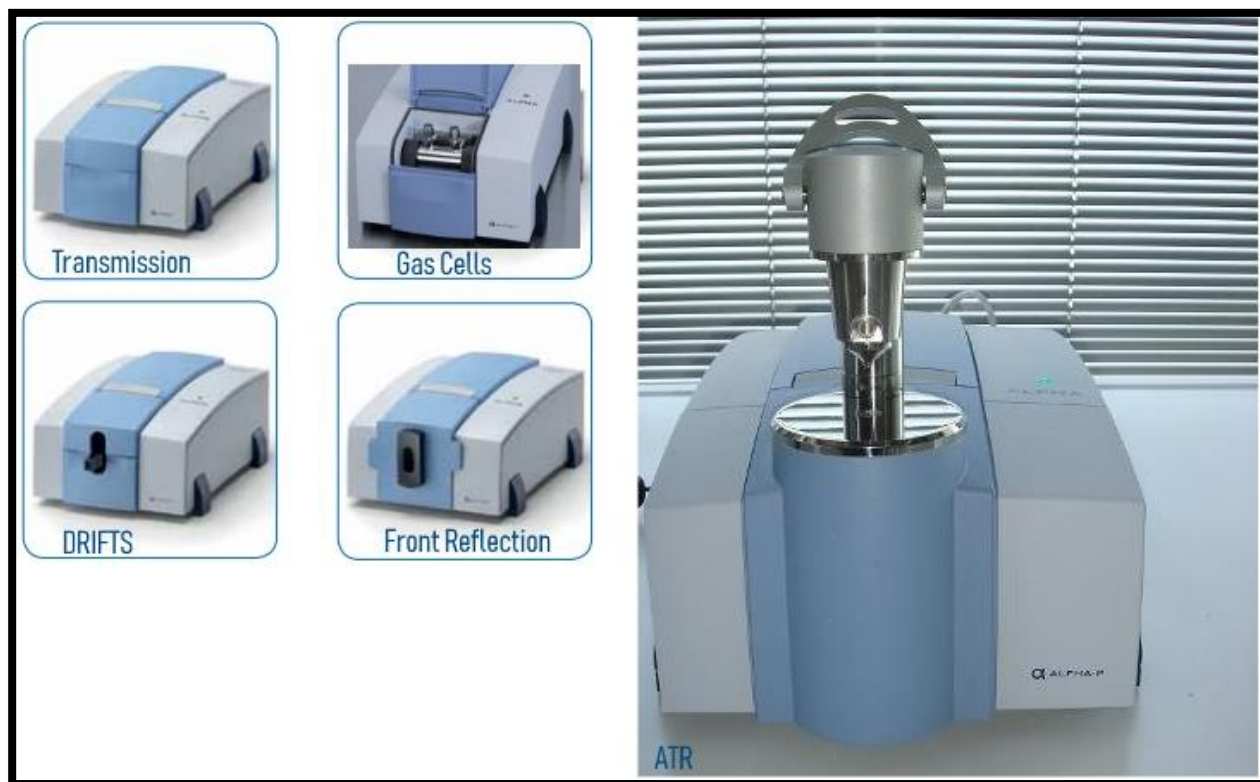
Transmission: KBr pellet (pellet press available), various liquid and gas cells

ATR: Diamond, liquid, and solids applications

Diffuse Reflection: DRIFTS

Specular Reflection: Powders and gels

Front Reflection (with video): Art work, mineralogy



Contact the TRACES Manager for further details.