Fourier transform infrared (FTIR) and Raman spectroscopies

The instrument used for accurate -fingerprint identification and study of composition and properties of various materials from metalorganics to complex biological samples. FTIR spectrometer with automatic beam splitter and operating in three IR ranges: near-IR, mid-IR and Far IR.

Built in ATR for easy sampling and spectral deconvolution

FT Raman with 1024 nm laser, virtually fluorescence free

<u>Example of uses:</u>

- Polymers, rubbers
- Forensic samples
- Pharmaceuticals
- Pigments and paints
- Food flavours and oils
- Compost and soils
- Organometallics and crystallinity analysis
- A FTIR-GC interface for definitive identification of compounds in complex mixtures coming soon