



- Make: Thermo Electron Corporation, USA
Model No: Nexus 670 with Centaurms 10X Microscope
Detector: Temperature stabilized DTGS (KBr window) and Liquid Nitrogen cooled MCT-A detector
Spectral range: 375 to 11,000 cm^{-1}
Spectral resolution: 0.125 cm^{-1}
Beam splitter: XT-KBr
Software: OMNIC IR
Accessories:
- Attenuated Total Reflectance (Smart Multi bounce - HATR) attachment for rapid quantitative/qualitative analysis
 - FT-85° grazing angle for thin film / monolayer analysis
 - Specular reflectance for nondestructive method of measuring surface coatings– can be used to analyze surface treated metals, paints, semiconductors, resin and polymer coatings
 - Instrument features include spectral subtraction, mathematical correction, baseline correction, and a library of thousands of reference IR spectra.