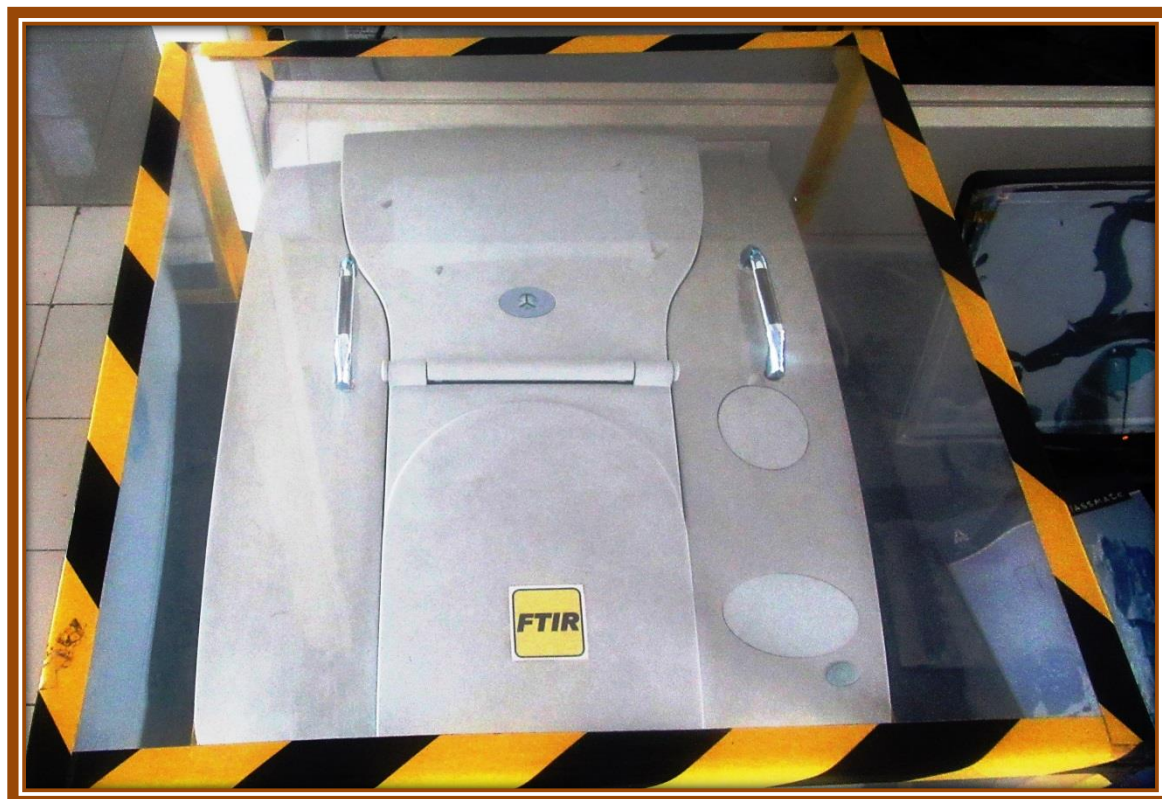


FTIR: Perkin Elmer Spectrum 65



FT-IR stands for Fourier Transform Infrared. In infrared spectroscopy, IR radiation is passed through a sample. Some of the infrared radiation is absorbed by the sample and some of it is passed through (transmitted). The resulting spectrum represents the molecular absorption and transmission, creating a molecular fingerprint of the sample. Like a fingerprint no two unique molecular structures produce the same infrared spectrum. This makes infrared spectroscopy useful for several types of analysis.

Specifications:-

Make & Model	:	Perkin Elmer/Spectrum-65
Operating modes	:	Ratio, Single beam, Interferogram, Transmittance mode
Sample Size	:	Min. 1 cm
Sample allowed	:	Glass, wafers, Pellets