

## FT-IR spectrometer

Spectrum Two FT-IR spectrometer is the IR spectrometer can perform fast, accurate IR analysis and assure the quality of your materials across a wide range of applications. Breaking new ground in operational simplicity, Spectrum Two combines superb performance with a low maintenance design

Instrument Details	
<b>Model</b>	Spectrum Two FT-IR spectrometer-Perkin Elmer
<b>Scan Range</b>	400 – 4500 $\text{cm}^{-1}$
<b>Samples Required</b>	50 mg solid / liquid

### Applications:

- Identification of functional groups like -OH, -CN, -CO, -CH, -NH<sub>2</sub>, etc.
- Quantitative estimation is possible in certain cases for chemicals, pharmaceuticals, petroleum products
- Reaction mechanisms and concentration studies are done.



