

FT-IR SPECTROMETER

4100



TECHNICAL SPECIFICATIONS

Spectral Range	7800 to 350 cm ⁻¹
Resolution	Better than 0.85 cm ⁻¹
Wavelength Accuracy	±0.01 cm ⁻¹
Scanning speed	5- step adjustable for different applications.
Signal to noise ratio	Better than 20,000 (RMS Value, at 2100 cm ⁻¹ , resolution : 4 cm ⁻¹ , detector DTGS. 1 minute data collection)
Beam Splitter	Ge COATED Kbr
Infrared source	Air Cooled, high efficiency, Reflex sphere module
Detector	DTGS
Data system	Compatible computer
Software	FT-IR software contains all routines need for basic spectrophotometer operations, including library search, quantitation and spectrum export.
Interferometer	Cube-corner Michelson Interferometer
IR Library	11R libraries included
Dimensions	540 x 520 x 260 mm
Weight	24 Kgs.
POWER SUPPLY	230 V ±10%, 50 Hz

SALIENT FEATURES

- ✓ High Intensity IR source
- ✓ High Sensitive optical system
- ✓ Wide Sample Compartment
- ✓ High stability modular partition design
- ✓ Plug & Play Operation
- ✓ Provided with Various Special IR Libraries

ACCESSORIES

- Transmission sample holder
- Thin Standard Film
- Software CD
- USB Cable
- Tool Kit
- Manual
- Dust Cover



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