

A-2500 Series FT-IR Spectrometer



Features :

- Adopting cube-corner mirrors and precision bearings with higher Stability and Less sensitive to vibration.
- Fully sealed damp-proof interferometer ensures higher adaptability to the Environment.
- Compatible computer and various Application software with IR libraries.
- The sampling compartment is wide enough for various accessories such as defused/ Specular Reflection, Horizontal ATR, Variable Angle ATR, Liquid cell and Gas cell.

Specifications :

Spectral Range:	7000 to 400 cm^{-1} - Optional 7800 to 400 cm^{-1}
Resolution:	1 cm^{-1} , 2 cm^{-1} , 4 cm^{-1} , 8 cm^{-1} - Optional better than 0.5 cm^{-1}
Wave number Repeatability:	Better than $\pm 0.01\text{cm}^{-1}$
Scanning Speed:	0.2~2.5 cm^{-1} , Automatically optimized for detector type or manually adjustable for specific applications
Beam splitter:	KBr
Infrared Source:	External, air-cooled, high efficiency Reflex Sphere module
Detector:	DTGS, MCT (optional)
Data system:	Compatible computer
Output:	Laser printer
Software:	FT-IR software contains all routines needed for basic operations.

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