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FT-IR Spectrometer

Product Image



Description

Catalog No : 100106

Fourier Transform Infrared Spectrometer - Model 4100

(For All basic needs of Operations)

SALIENT FEATURES

- ✓ High Intensity IR source
- ✓ Wide Sample Compartment
- ✓ Plug & Play Operation
- ✓ Provided with Various Special IR Libraries

TECHNICAL SPECIFICATIONS

- | | |
|-------------------------|---|
| ✓ Spectral Range | 7800 to 350 cm^{-1} |
| ✓ Resolution | Better than 0.85 cm^{-1} |
| ✓ Wavelength precisions | + 0.01 cm^{-1} |
| ✓ Scanning speed | 5- step adjustable for different applications. |
| ✓ Signal to noise ratio | Better than 15,000:1 (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. |
| ✓ IR Library | 11R libraries included |
| ✓ Dimensions | 54 x 52 x 26 cm |
| ✓ Weight | 28 Kgs. |

ACCESSORIES

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

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.