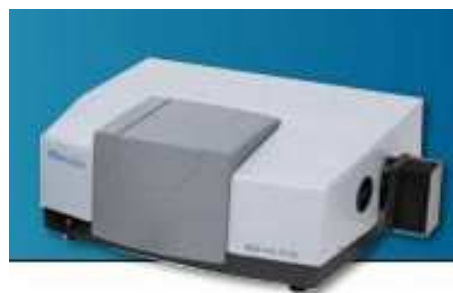


## IR Spectrometer

## IR Spectrometer WQF –510/520 FT

## Features

- High Stability
- High Accuracy and Reliability
- Practical Analytical Software
- Various Accessories
- Liquid Sample Accessories
- IR Microscope
- Diffuse/Specular Reflectance Accessory
- Horizontal ATR (Single-reflection and Multi-reflection) /Variable Angle ATR (30° – 60°)
- Accessory for Determination of Hydroxyl in IR Quartz
- Accessory for Oxygen and Carbon in Silicon Crystal Determination
- Sio 2 Power Dust Monitoring Accessory
- Component Testing Accessory
- Optic Fiber testing Accessory
- Jewelry Inspection Accessory



## Specifications:

Feature	IR Spectrometer WQF –510/520 FT
Spectral Range	7800 to 400 cm <sup>-1</sup>
Resolution	Better than 0.85cm <sup>-1</sup> (WQF-510, Better than 0.5cm <sup>-1</sup> (WQF-520)
Wave number Precision	± 0.01 cm <sup>-1</sup>
Scanning Speed	0.2-2.5 cm <sup>-1</sup> /s, automatically optimized for detector type or manually adjustable for specific applications
Signal to Noise Ratio	Better than 15,000 : 1 (RMS value, at 2100cm <sup>-1</sup> or 2100cm <sup>-1</sup> – 2200cm <sup>-1</sup> , resolution : 4cm <sup>-1</sup> , detector : DTGS, 32 times data collection)
Beam Splitter	Ge coated KBr
Infrared Source	External, air-cooled, high efficiency Reflex sphere module
Detector	DTGS, MCT (optional)
Data System	Compatible computer
Software	FT – IR software contains all routines needed for Basic spectrometer operations.
IR Library	11 IR libraries including
Dimensions	63X52X24cm
Power	AC : 220V/50HZ, 1000VA
Weight	20kg

**CROMTECH INDIA**

1st Floor Begum Niwas, Opp Mercantile, Bank Society Colony, 5th Natwar Nagar Road, Jogeshwari (East), Mumbai 400 060.  
Maharashtra - India.

Mobile: +91 98693 82134 / 81088 13320

Telefax: +91 22 2838 6028

Email: [cromamumbai@mail.com](mailto:cromamumbai@mail.com)/ [cromtechindia@mail.com](mailto:cromtechindia@mail.com)/ [info@cromtechindia.com](mailto:info@cromtechindia.com)/ [sales@cromtechindia.com](mailto:sales@cromtechindia.com)

Website: [www.cromtechindia.com](http://www.cromtechindia.com)