SPECIFICATIONS

Optical Performance:
Wavelength range 7800-350 cm^{-1}(1.3-28 μm)
Ordinate accuracy $\geq \pm$ 0.25%T at 47% and better than 0.01%T at 0%T.
Wavelength accuracy 0.2 cm^{-1} at 1600 cm^{-1}.
Resolution 0.5 to 64 cm^{-1}, SP-10 selectable.

Optical System:
Michelson interferometer with vibration isolated baseplate.
Stabilized MIR-IR long life source (proprietary).
$LiTaO_3$ detector for high accuracy in filter bandpass region.
KBr beamsplitter.
Adjustable dual-iris aperture for control of beam diameter (2-11 mm) and divergence at sample.
Variable J-stop (beam divergence through interferometer).
Variable B-stop (beam intensity and divergence at sample).
7-position optical filter wheel, SP-10 selectable
Back reflection correction with Integrated baffle assembly.
Real-time Atmospheric Vapor Compensation (AVC).