

## The Optical Transfert Unit for Out of Compartment Measurements



This transfert Unit links your FT-IR or UV-Vis spectrometer to fiber optic probes or fiber optical cables

Equipped with large ellipsoidal mirrors, it efficiently transmits the UV-Vis or FTIR beam of the spectrometer through the fiber optic system.

That system utilizes all reflective optics, and comes with two SMA connectors for easy installation of the fiber optic system; it is also equipped with a purge port to maintain the purge of the system.

It permits to interface external optical systems to the spectrometer and is well-suited for optical testing of fiber optics for photonics application

### Features:

- Beam condensing optics efficiently transmit light to and from fiber optic probes.
- All reflective optics maximize the wavelength range of the fiber optics employed.
- Two standard SMA connectors for easy installation of fiber optics probes.
- Designed for use with visible, near-IR and mid-IR fiber optic probes.
- Purge enclosure eliminates interference from atmospheric infrared absorption bands in the infrared and protects against stray light in the UV-Vis.
- Compatible with every major FT-IR spectrometer and some UV-Vis instruments.
- Prealigned and ready for the most challenging fiber optic application.
- Optional fiber optic probes available:
  - For Infrared ATR measurements.
  - For Diffuse reflection measurement (Vis-NIR and IR)
  - For specular measurements in Vis-NIR and IR spectral ranges