

FTIR Fiber Coupler

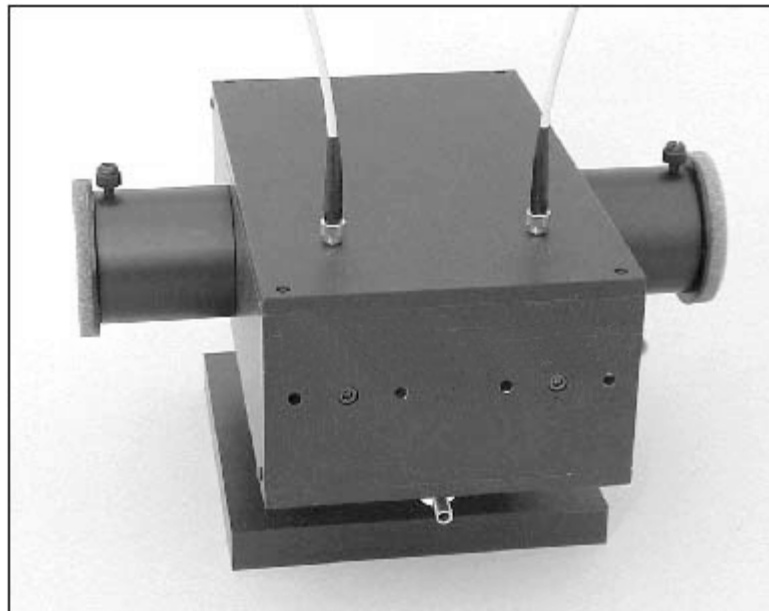
The FTIR Fiber Coupler links your FT-IR spectrometer to fiber optic probes. Equipped with large ellipsoidal mirrors, FTIR Fiber Coupler efficiently transmits the infrared beam of the spectrometer through the fiber optic probe. The FTIR Fiber Coupler utilizes all reflective optics, optimizing the wavelength range of the fiber optic probe employed. FTIR Fiber Coupler comes with two SMA connectors for easy installation of the fiber optic probe and it is able to maintain the purge of the system.

APPLICATIONS

- ▶ Mates fiber optic probes to FT-IR spectrometers.

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.
- ▶ The design is able to maintain the purge of the system eliminating 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.



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