



Couplers for FTIR Spectrometers

Fiber Probe Couplers are designed to connect Fiber Optic Probes with FTIR spectrometers and to perform the remote analysis and reaction monitoring. Get an upgrade for your device and new measurement capabilities for a small investment. Mirror design of FlexiSpec® Fiber Probe Couplers provides high coupling efficiency for any probe used for process-spectroscopy in broad spectral range 0.2-18µm.



Main features:

- Efficient coupling of fiber probe to FTIR-spectrometer
- Mirror optics for a broad spectral range
- In/Out ports compatible with SMA-terminated fiber probes
- Adjustable mirrors to maximize coupling efficiency
- Easy to install in sample chamber

The line of Fiber Couplers is developed by art photonics GmbH to attach any fiber cable or fiber probe terminated with SMA905 connectors to the FTIR spectrometer. Coupling of FlexiSpec® probes with FT-spectrometers provides process spectroscopy and reaction monitoring in-line without sampling. Coupler can be adjusted to any FTIR spectrometer using customized baseplates:

- NEW! Fiber Probe and Cables Coupler for widely used Alpha and Alpha II Bruker™ spectrometers
- FPC-6M is the latest generation Fiber Probe and Cables Coupler for big FTIR-spectrometers based on 6 mirror design providing the highest coupling efficiency with various fiber probes. It can be installed in sample chamber of various FTIR spectrometers from Thermo Fisher: iS10, iS50, Nexus 670 and Nicolet 6700. FPC-6M Fiber Probe Coupler can be customised to match iBox, Bruker Tensor 27, Bruker IFS66, Bruker Equinox55 and some other industrial or lab FTIR-spectrometers
- FPC-2M Fiber Probe and Cables Coupler fits to Nicolet™ Summit FTIR , Nicolet™ iS™ 5 and Nicolet™ iS™ 5N FT-NIR Spectrometers (Thermo Scientific™) in sample chamber
- Universal Fiber Probe and Cables Coupler can be customised to match Bruker's VERTEX 70v serie, JASCO FP-8600, Shimadzu IRSpirit
- Fiber Probe and Cables Coupler for Agilent Cary 630
- Fiber Probe and Cables Coupler for PerkinElmer Spectrum Two™