

Laboratory Applications of Fiber Optic Couplers

Our fiber probe couplers provides high coupling efficiency for ATR-Absorption, Transmission or Reflection process-spectroscopy in a broad spectral range, from UV to Mid-Infrared - to use fiber ...

Fiber probe coupler FPC-6M provides the highest efficiency coupling of any fiber probe with bench FTIR-spectrometer. It is compatible with all Thermo Nicolet instruments with full-size sample compartment ...

Learn about fast, easy and reliable ways to measure liquid samples using FTIR and UV-Vis, completely eliminating the pain associated with the use ...

Our fiber probe couplers provide high coupling efficiency for ATR - absorption, transmission, or reflection process-spectroscopy in a wide spectral range from UV to Mid-IR to use fiber-coupled FTIR ...

The stainless steel dip probe is a rugged, easy-to-use probe that is ideal for applications ranging from daily use by students in instructional laboratories to performing at-line measurements in ...

They are widely used in fiber lasers, optical fiber amplifiers, optical fiber communications and fiber sensors, having compact dimensions, low insertion loss, low polarization dependent loss and high ...

Active fiber optic couplers require an external power source. They receive input signal (s), and then use a combination of fiber optic detectors, optical-to-electrical converters, and light sources to transmit ...

Fiber optic coupling lets you transfer light precisely between sources, samples, and detectors. It gives spectroscopic setups more stability, flexibility, and efficiency, which really helps in ...

The fiber probe couplers enable coupling of fiber optics with FTIR spectrometers when installed in its sample chamber. This eliminates the need to prepare samples and makes remote analysis easy for ...

Learn about fast, easy and reliable ways to measure liquid samples using FTIR and UV-Vis, completely eliminating the pain associated with the use of cuvettes and cells.

Thorlabs offers a varied selection of single mode (SM), polarization-maintaining (PM), multimode (MM), and double-clad fiber couplers, as well as 1x8 and 1x16 SM PLC splitters; 1x4, 1x8, and 1x16 PM ...

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