

# ATR-Loop InfraRed Fiber Optic Probes



art photonics



## FlexiSpec<sup>®</sup>

High throughput at Mid InfraRed range

On-line absorbance spectroscopy  
of liquids, pastes & soft solid surfaces

Compatible with all FTIR, QCL and  
IR- Filter spectrometers

Cost effective alternative to more  
expensive ATR-IR-fiber probes

Replaceable ATR Loop PIR-Fiber Tips

ATR-Loop Infrared PIR-fiber probe was the first in **FlexiSpec<sup>®</sup>** product line designed for use with FTIR and other Mid IR spectrometers. ATR-Loop PIR-fiber probes are perfect for remote analysis of composition of liquids, pastes and soft surfaces with no need in sample preparation.

Loop fiber probe is the simplest one in **FlexiSpec<sup>®</sup>** product family to enable low cost ATR-spectroscopy

### Applications:

- Remote evanescent absorption (ATR-) spectroscopy in-citu
- Multiple ATR-spectroscopy by immersion of fiber loop in liquid
- In-vivo molecular spectroscopy for medical diagnostics by simple touch of ATR-Loop to skin or tissue

