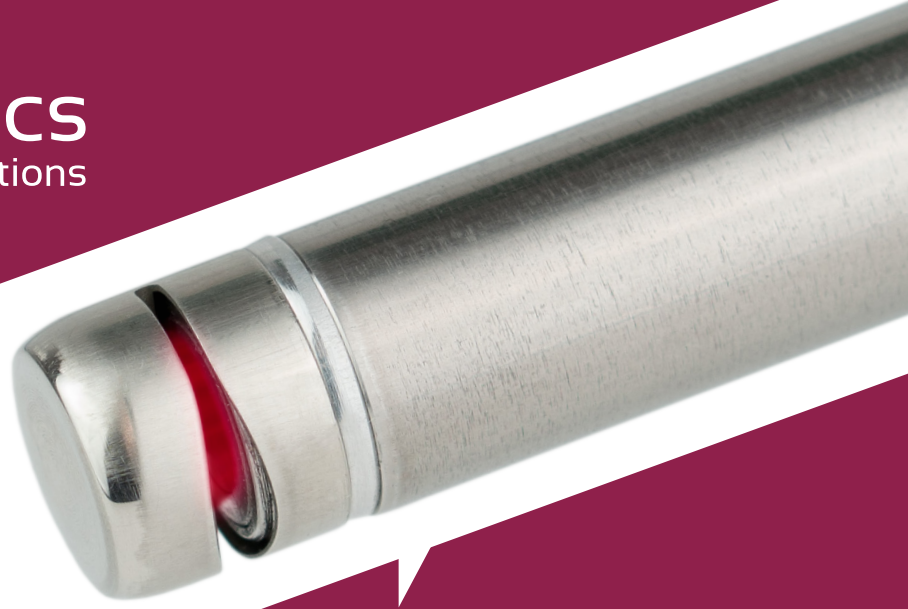




art photonics
broad spectra fiber solutions

FlexiSpec®

Fiber Optic TransFlex Probe

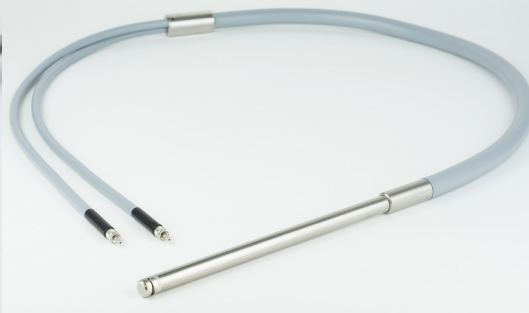


On-line transmission spectroscopy
in liquids at long distance

High throughput in any part of UV -VIS and
VIS-NIR spectra

Flexible and robust for industrial applications in
harsh environment

Compatible with all fiber optic spectrometers



FlexiSpec® product line includes the latest generation of TransFlex (dual pass) fiber optic probes to be used with any fiber optic spectrometer or photometer.

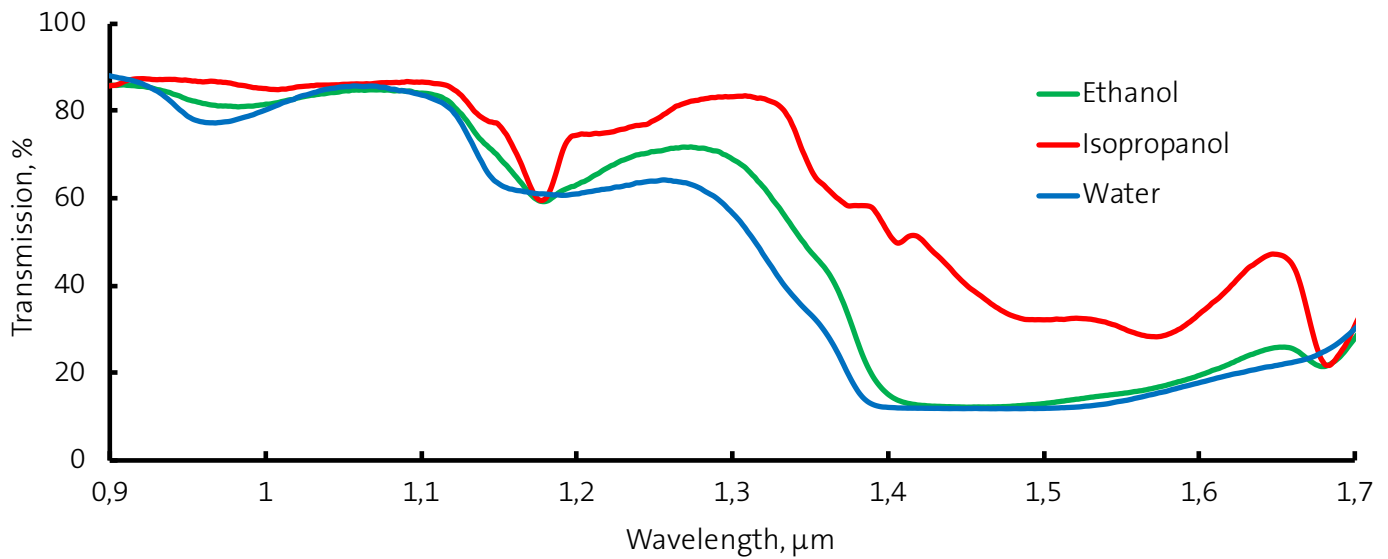
FlexiSpec® Dual Pass fiber optic probes are compatible with process-interfaces to be cleanable and to enable reaction monitoring in lab, pilot plant and run full automated process control.

APPLICATIONS:

- ✓ Reaction monitoring in real time
- ✓ Process Analytical Technologies (PAT)
- ✓ Crystallization Development & Screening
- ✓ Analytical Characterization
- ✓ Biopharmaceutical Analysis
- ✓ Biofuel Development & Production



Transmission spectra of different samples



Specification of Fiber Optic Transfection Probes FlexiSpec®

Fiber type	Silica UV-VIS	Silica VIS-NIR
Operating spectral range	0.2 - 1.3 μm	0.4 - 2.2 μm
Gap (optical path)	2; 5; 10 mm (4; 10; 20 mm)	
Temperature range	≤ 200°C	
Minimum bending radius	120 mm (for 600 μm core fiber)	

Common Parameters of Fiber Optic Transfection Probes FlexiSpec®

Total length	2.0 m (opt. 1 – 30 m)	
Shaft length	200 mm (opt. 50 – 500 mm)	
Shaft diameter	12 mm	
Shaft material	Stainless steel, Hastelloy C22	
Protective tube material	Liquide Tight SST-Conduit, KOPEX-Tube	
Input / Output connectors	SMA; FC/PC; ST	

