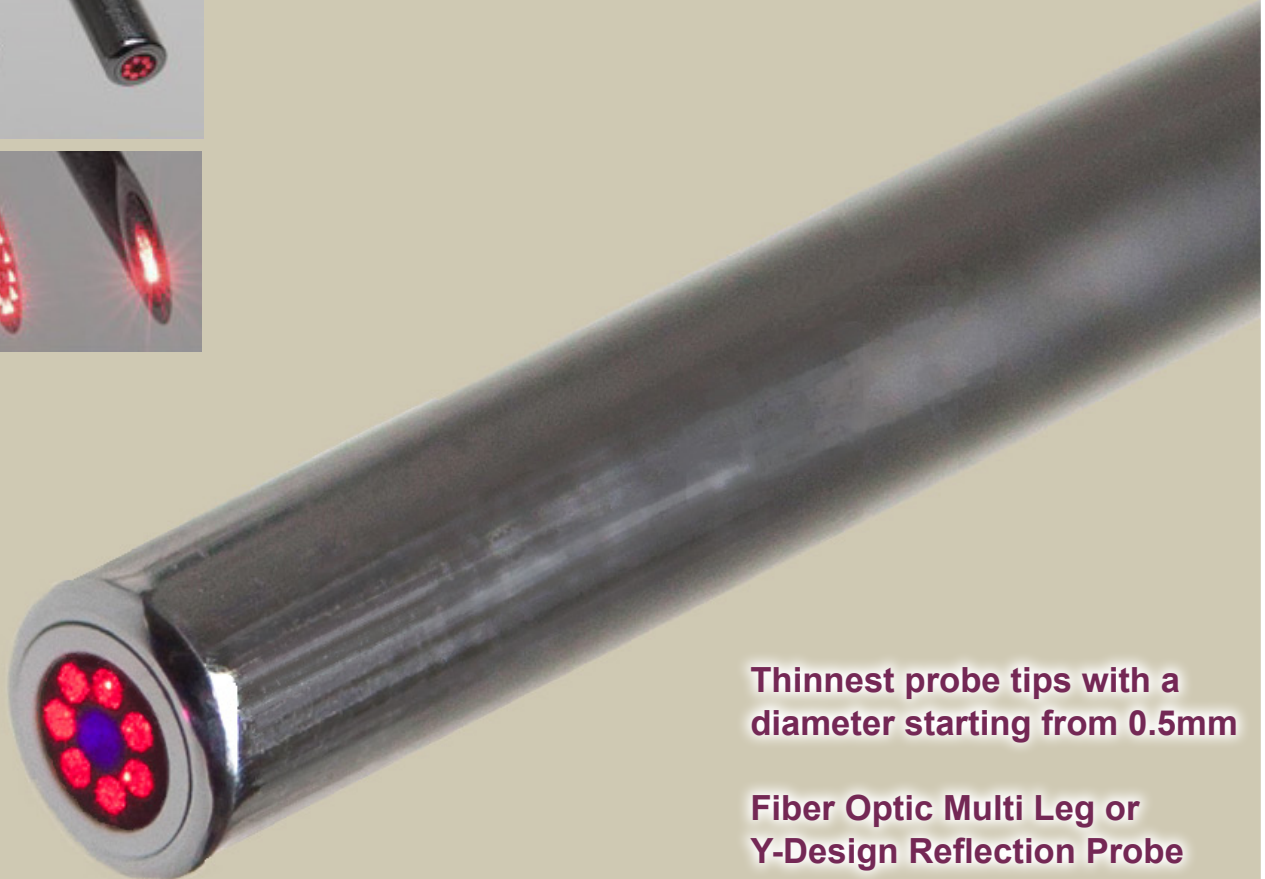


Fiber Optic Reflection/Fluo Probes



Thinnest probe tips with a diameter starting from 0.5mm

Fiber Optic Multi Leg or Y-Design Reflection Probe

Minimal Cross Talk with Metal Coated Fibers

Flat & angled (38°) tip design

FlexiSpec®

Reflection & Fluorescence Fiber Optic Probes available in customized designs for different applications. Fast and precise measurements of various media, providing reliable and accurate results every time. Reduced cross-talk between fibers thanks to metal coating clad. 2, 3 or 4 fiber legs modifications.

Applications:

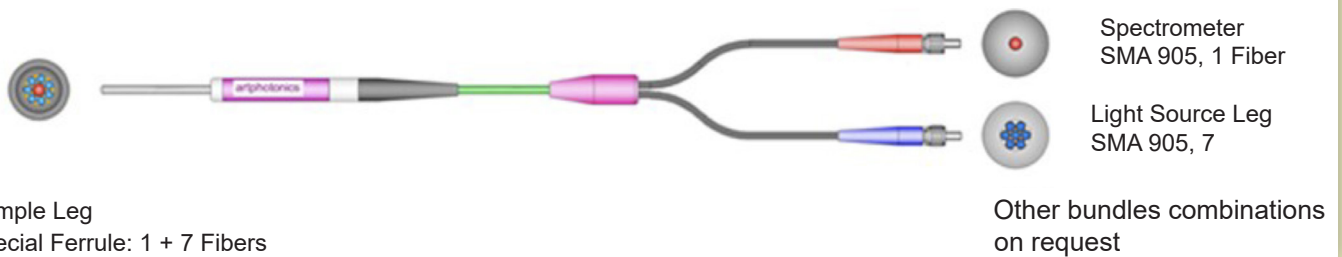
- Measuring diffuse & specular reflectance
- Backscatter and Fluorescence Measurements
- Measuring solid, liquid and powder samples
- Non-destructive testing and inspection in materials science

Fiber Type, d	Silica 100	Silica 200	Silica 300
Probe Fiber Bundle	7 or 9 illumination fibers (100/110/125P) around one Al coated read fiber (100/110/140Al)	7 or 9 illumination fibers (200/220/245P) around one Al coated read fiber (200/220/290Al)	7 illumination fibers (200/220/245P) around one Al coated read fiber (300/330/360Al)
Probe ferrule Diameter	0.6 - 3.0 mm	1.2 - 3.0 mm	1.4 - 3.0 mm

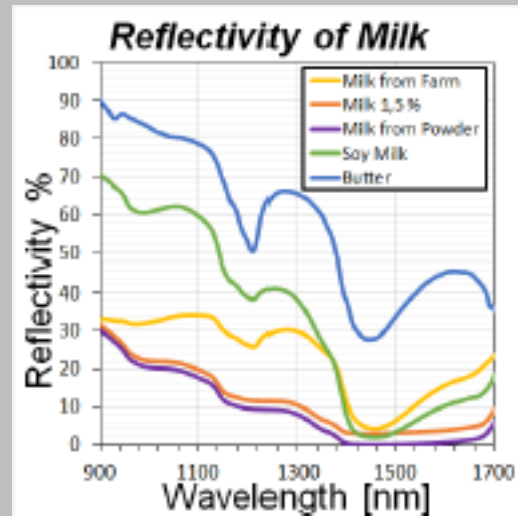
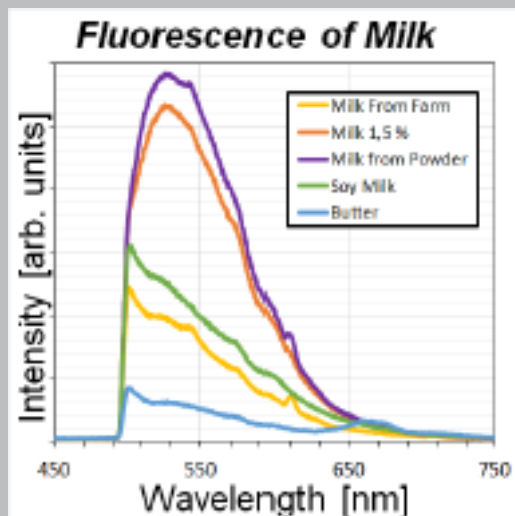
Technical Specifications

Numerical Aperture: 0.22 ± 0.02
Probe ferrule length: 2.5-100 mm
Jacketing: Simplex or Metal coated PVC
Total Length: 2m (up to 20m on request)
Operating Temperature: -20 °C to 80 °C
Bend Radius: 200 x fiber OD

Wavelength Range: 190-1300 nm UV/Vis or 350-2200 nm Vis/NIR
Probe ferrule material: Stainless steel
Connectors: SMA 905 (FC/PC or ST connectors on request)
Leg Length: 0,5m
Pressure: 10 bar



Spectra obtained with the (7+1) type probe



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