



## Product PenProbe and ProbelInterface

### PenProbe and ProbelInterface

The PenProbe attached to the ProbelInterface is a precision optical design from Q-Interline, which makes it possible to perform diffuse reflectance measurements remotely from the base spectrometer. The ProbelInterface provides the optical and electrical coupling to the spectrometer and software, whereas the PenProbe is the handheld optical device.

The PenProbe is equipped with a LED to show USB link to the software and a trigger button to start and activate the software functions. It is ergonomically designed, and the flexibility of the fibre cable makes it easy to work with.

The probe tip is designed with no cavities for easy cleaning.

The PenProbe can be used for raw materials identification and various quality control operations.

### Specifications

The PenProbe/ProbelInterface combination fits the Quant series (Q-Interline) and the MB/FTLA2000 series (ABB Bomem). It is pre-aligned from factory and can be adjusted in-field by means of a simple optimisation routine.

- Based on BaF<sub>2</sub> optics the optical range of use is from 14.000-700 cm<sup>-1</sup>
- Fibre connection: SMA905 standard
- Fibre length: 2 meters standard with PVC surface
- Typical detector: InAs or InGaAs (InGaAs recommended)
- USB link to InfraQuant version 2.2 and higher
- Materials:     Interface and handle: Aluminum anodized  
                  Probe tip:                 SS316/Sapphire

Part number: QIA2042 and QIA1255.

### Q-Interline options

QIA2310 2"diffuse reflectance standard 99%, uncalibrated

QIA2044 PenProbe transfectance for skin/tissue analysis