

Product Information

Quartz glass

Immersion Probe

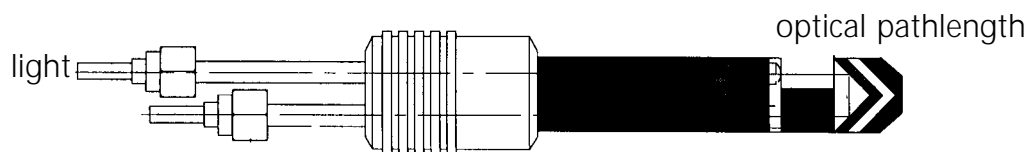


The immersion probes are available as accessories for spectrometers providing qualitative and quantitative analysis based on absorption spectroscopy.

Illumination and measuring light is transmitted to and from the spectrometer unit through optical fibres with SMA connectors. This setup makes the entire measuring system particularly flexible and provides universal applications even under difficult conditions.

The immersion probes allow absorption or concentration measurements in the range 200 nm ... 2,500 nm. For the measurement, the immersion probes are dipped into reaction vessels (test tubes, flasks, etc.). Immersion probes are available for the following optical pathlengths: 1 mm, 2 mm, 5 mm, 10 mm, 20 mm.

Construction



Specifications

Spectral range	200 ... 2,500 nm
Pathlengths in mm	1, 2, 5 10, 20
Diameter in mm	15
Optical fibres	Quartz, encapsulated in a protective metal and silicone sheath, core diameter = 0.6 mm, encapsulated collimator lens, SMA connector
Length of optical fibres in m	1, 2, 5
Material	Quartz
Probe sheath	CTFE
Probe dimensions	15 x 15 x 60 mm (W x D x H)
Total length	100 mm



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