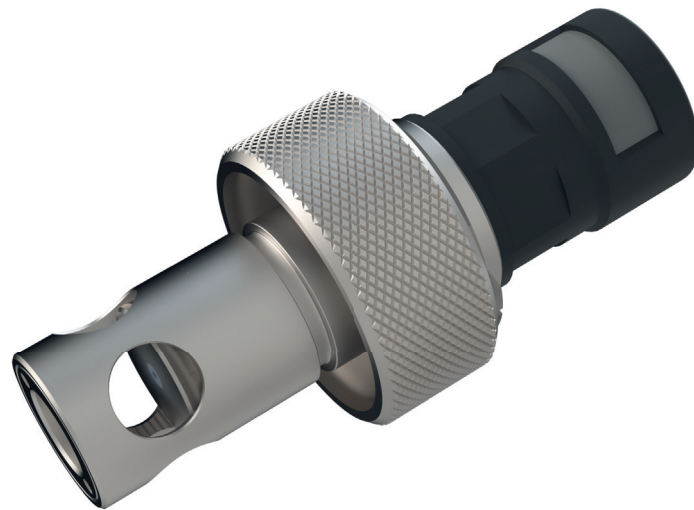


Technical Data Sheet

PROGAZE51 – Transflection Probe

PROGAZE®



The transflection immersible probe PROGAZE51 is made for continuous monitoring and quality inspection directly in the process. Dedicated connections to interface with tubes, pipes, and vessels are available. Due to its high sensitivity, the PROGAZE51 assures reliable and fast data acquisition even under demanding operational conditions.

The PROGAZE51 is compatible to all standard VIS and NIR spectrometer systems utilizing fiber optic cables. The exchangeable probe tip allows for easy adjustment of the optical path length to meet the spectroscopic requirements of the respective application.

For convenient process adaptation, a variety of standard flanges is provided.

Additionally, for hygienic or hazardous environments dedicated models are available as well.

PROGAZE51 – Transflection Probe

Technical Data

PROGAZE®

Spectroscopic Method	VIS, NIR
Measurement Type	Transflection
Sampling Type	Immersion
Wavelength Range	VIS: 380 - 850 nm NIR: 850 - 2500 nm
Optical Path Length	0 - 20 mm
Materials	Housing: 1.4404 Sample-Contacting Parts: • Probe Body Material: 1.4404
Operating Temperature	Sample Temperature: 0 - 80 °C Ambient Temperature: 0 - 80 °C
Storage Temperature	0 - 80 °C
Relative Humidity	0-95%, non-condensing
Operating Pressure (Range)	max. 10 bar
Mechanical Connector Type	Ingold G 1 ¼ inch
Immersion Depth	36 mm
Fiber Connector Type	2 x F-SMA 905
Dimensions (W x H x D)	95 mm x 46 mm
Weight	280 g

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