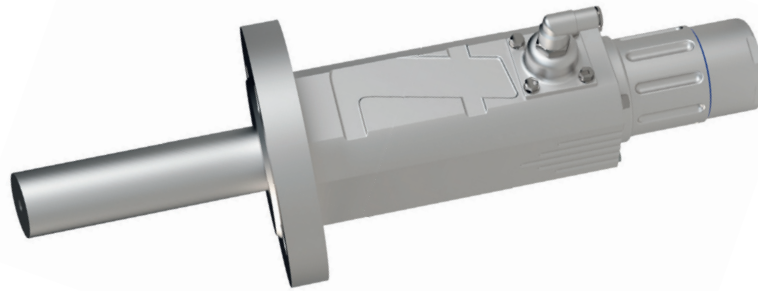


Technical Data Sheet

PROGAZE62 – Reflectance Probe

PROGAZE®



The PROGAZE62 is a process-grade reflectance probe. It is used for spectroscopic measurements, covering UV, VIS, and NIR spectral ranges. The integrated white reference allows an automatic system alignment without removing the probe from or interrupting the process. Continuous monitoring and quality inspection of various media in reactors or pipelines are common applications.

The PROGAZE62 is ideally suited for the measurement of opaque liquids or fluids. The probe is compatible to all standard UV, VIS, and NIR spectrometer systems using fiber optic cables. Furthermore, a wide

range of adapters and flanges ensures fast and easy integration into existing production lines.

To meet requirements for the operation in hygienic or hazardous areas dedicated variants are provided.

PROGAZE 62 – Reflectance Probe

Technical Data

PROGAZE®

Spectroscopic Method	UV, VIS, and NIR
Measurement Type	Reflection
Sampling Type	Immersion
Wavelength Range	UV: 200 - 400 nm VIS: 380 - 850 nm NIR: 850 - 2500 nm
Working Distance	Contact
Internal White Reference	Al ₂ O ₃
Materials	Housing: 1.4404 Sample-Contacting Parts: • Probe Body Material: 1.4404 • Window: Sapphire • Window Sealing: Soldered
Operating Temperature	Sample Temperature: 0 - 180 °C Ambient Temperature: 0 - 80 °C
Storage Temperature	0 - 80 °C
Relative Humidity	0-95%, non-condensing
Operating Pressure (Range)	max. 16 bar
Mechanical Connector Type	DN 25 - DN 150 ASME Triclamp
Immersion Depth	100 mm
Fiber Connector Type	2 x F-SMA 905
Control Interface	Pneumatic
Dimensions (W x H x D)	60 mm x 300 mm x 60 mm
Weight	Approx. 2.2 kg

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