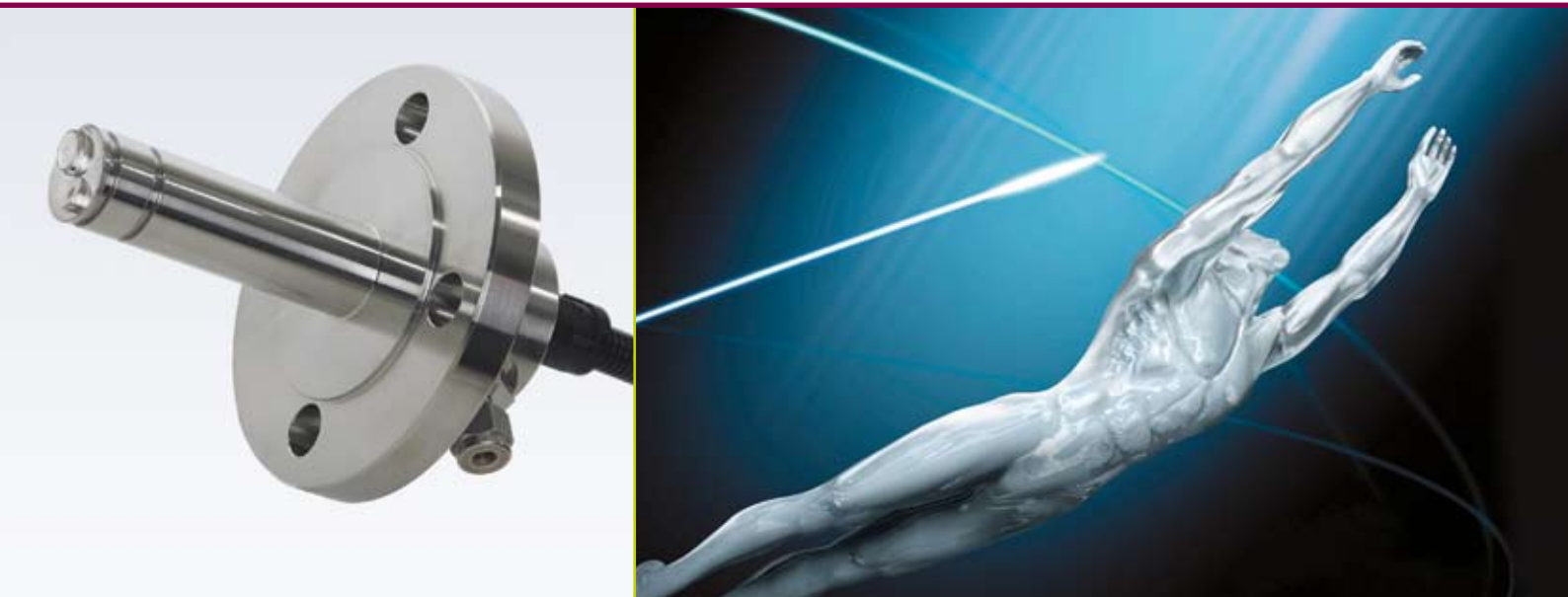


REFLECTOR FLUSH

Fiberoptic Reflection-Immersion Probes with Built-in Window Rinsing



REFLECTOR FLUSH immersion probes are equipped with a rinsing nozzle that enables cleaning of the optical Sapphire window (with gas or liquid) without removing the probe. With the optic material Sapphire, REFLECTOR FLUSH immersion probes are practically abrasion- and corrosion-free, and thus stable in concentrated strong acids and bases.

REFLECTOR FLUSH immersion probes are also distinguished by their exceptional signal-to-noise ratio. The special construction of the probe allows for quantitative measurement in weak extremely strong light-scattering substances. REFLECTOR FLUSH probes are manufactured for direct immersion into containers, dryers, or mixers. The probes are produced according to your selection from a wide range of materials, process connectors, diameters, pressure and temperature ranges and can be completely customized to meet your individual needs.

REFLECTOR FLUSH – the Clear Advantages at a Glance

- Window rinsing for cleaning when mounted
- Abrasion- and corrosion-free Sapphire optic
- Chemical resistance
- Verifiable process capability
- Range of application from UV to NIR
- Compatible with all spectrometers
- Wide variety of models and customized designs



REFLECTOR FLUSH Meets the Highest Demands in Process Analysis Technology

Applications

Multicomponent analysis in heterogeneous systems and non-invasive analysis for the identification and characterization of solids

Standard Procedures

- Reaction monitoring in heterogeneous systems in the NIR range
- Solid composition analysis performed directly in mixer
- Determination of residual solvent concentrations in solids performed directly in dryer



Specifications

Optic

Illuminated spot Ø 3 mm

Probe Design

Dimensions Diameter 25 mm
Immersion depth from 100 mm

Standard materials Stainless steel DIN 1.4435/316L,
Sapphire

Process connectors DIN or ANSI flanges
Screw fittings (Swagelok)
Additional connectors upon request

Process Conditions

Temperature Maximum 130°C (continuous use)

Pressure 0 – 6 bar

Options

Alternative materials Stainless steel DIN 1.4571/SS316Ti,
titanium and hastelloy C22

Other Additional designs, dimensions
and specifications upon request

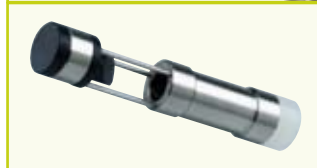
Declaration of Conformity

Certified in accordance with Pressure Equipment Directive 97/23/EC

Total Service – from Probes to a Complete Range of Accessories

We offer much more than just fiberoptic probes. Our comprehensive accessory program includes everything you need for implementing our probes as well as reliable coupling solutions for almost any type of spectrometer.

Ask us about the optimal solution for you.



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