

拉曼探头Rxn-40

提升使用灵活性，优化材料兼容性



优势:

- 针对实际工艺定制
- 配备系列过程连接，坚固耐用
- 在线测量，无需输转管路或快速回路
- 安装更快速、更便捷
- 满足各类化工工艺和防腐要求
- 保证安全，满足监管要求
- 可以危险区中测量

产品规格参数

- **Laser wavelength** 532 nm, 785 nm, 1000 nm
- **Wetted materials** Metal: C276 alloy, 316L stainless steel, or Grade 2 titanium Window: High-purity sapphire
- **Hazardous area certifications** ATEX, CSA, IECEx

详细信息和最新价格参见:

www.endress.com.cn/KR40

应用领域: Rxn-40是全密封的浸入式拉曼探头，在实验室或过程工厂中进行液相样品的在线拉曼光谱分析。拉曼探头Rxn-40的过程连接可以压接、压紧安装、法兰安装或安装在Endress+Hauser流通池中，符合NeSSI要求。多样化的安装方式使得探头可以直接插入样品、排水管道、反应罐、循环回路、混合头，以及进水和排水管道中使用。

特征和规格

Liquids

测量原理

Raman spectroscopy

Laser wavelength

532 nm, 785 nm, 1000 nm

Liquids

Spectral coverage

Probe spectral coverage is limited by the coverage of the analyzer being used.

Temperature

Temperature, Rxn-40 probe:
-30 to 150 °C

Relative humidity

20-95% non-condensing

Maximum laser power into probehead (mW)

<499

Sample interface

Temperature, Rxn-40 mini configuration:

-30 to 120 °C (316L stainless steel)

-30 to 150 °C (C276 alloy)

-30 to 150 °C (Grade 2 Titanium)

Temperature ramp: ≤30 °C/min

Temperature, Rxn-40:

-30 to 120 °C (316L stainless steel)

-30 to 280 °C (C276 alloy)

-30 to 300 °C (Grade 2 Titanium)

Temperature ramp: ≤30 °C/min

Flange: ASME B16.5 and DIN EN1092 Type B flanges available upon request

Relative humidity: up to 95%, non-condensing

Pressure

Min pressure (Bara): Full vacuum (0 Bara) but not ultrahigh vacuum (UHV) where outgassing maybe a concern

Max pressure (Barg):

68.5 (316L stainless steel)

74.0 (C276 alloy)

29.0 (Grade 2 titanium)

Liquids

Wetted materials

Metal: C276 alloy, 316L stainless steel, or Grade 2 titanium

Window: High-purity sapphire

Fiber optic cable

Cable sold separately

Length

Rxn-40 mini configuration immersible length: 36 mm

Rxn-40: Maximum immersible length is dependent on material choice

Diameter (mm)

12.7, 19.05, 25.4

Hazardous area certifications

ATEX, CSA, IECEx

更多信息 www.endress.com.cn/KR40