

拉曼探头Rxn-10

多功能拉曼光谱分析探头



优势:

- 应用广泛，可用于固体和液体测量
- 轻重量，结构紧凑
- 自带激光安全锁，包括“激光打开”指示和探头锁扣
- 输出灵活，兼容多种采样方式
- 轻松进行非接触式、浸入式和生物处理光纤切换，满足不同的应用需求
- 宽光谱范围，涵盖重要的低激光波段范围

产品规格参数

- **Laser wavelength** With immersion optic: 532 nm, 785 nm, 1000 nm With BIO-Optic: 785 nm, 1000 nm With Raman optic system for single use: 785 nm, 1000 nm
- **Body and window materials** Rxn-10 probe body: 6061 aluminum, 316L stainless steel, and 303 stainless steel

详细信息和最新价格参见:

www.endress.com.cn/KR10

应用领域: 拉曼探头Rxn-10针对产品和工艺研发设计，是拉曼系列探头中的主打产品。它可以在宽光谱范围内进行高性能拉曼光谱分析测量。结构紧凑，小巧轻便，使用灵活，技术先进的拉曼探头，方便实验室固体和液体分析。拉曼探头Rxn-10支持多种光学替换件，通用性强，适应性强，是实验室工具箱的优选。

特征和规格

Liquids

测量原理

Raman spectroscopy

Liquids

Laser wavelength

With immersion optic:

532 nm, 785 nm, 1000 nm

With bIO-Optic:

785 nm, 1000 nm

With Raman optic system for single use:

785 nm, 1000 nm

Spectral coverage

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

Temperature

Temperature, Rxn-10 probe:

-10 to 70 °C

Relative humidity

20-60% non-condensing

Maximum laser power into probehead (mW)

<499

Sample interface

Based on the sampling optic selected

Body and window materials

Rxn-10 probe body: 6061 aluminum, 316L stainless steel, and 303 stainless steel

Fiber optic cable

Design: PVC jacketed, proprietary construction

Connections: proprietary electro-optic (EO), or FC to EO fiber converter(s) for non-embedded systems

Temperature: -40 to 70 °C

Length: 5 to 25 m standard, available in 5 m increments

Minimum bend radius: 152.4 mm

Length

Rxn-10 probe (including fiber cable bend radius): 356 mm

Liquids**Diameter (mm)**

Rxn-10 probe: 19

Working distance (mm)

Based on the sampling optic selected

Solids**测量原理**

Raman spectroscopy

Laser wavelength

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