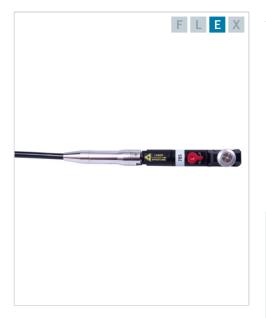
拉曼探头Rxn-10

多功能拉曼光谱分析探头



详细信息和最新价格参见:

www.endress.com.cn/KR10

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

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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