

# Rxn-41拉曼探头

在工艺过程中便捷安装探头，节省成本



## 优势:

- 针对具体测量要求量身定制
- 密封探头设计
- 内置“激光打开”指示灯
- 一进一出光纤
- 直接插入式安装
- 符合1类压力设备安全标准
- 适合防爆危险区应用

## 产品规格参数

- **Laser wavelength** 532 nm, 785 nm, 1000 nm
- **Wetted materials** 316L option Metal: 316L stainless steel Window: High-purity sapphire C276 option Metal: C276 alloy Window: High-purity sapphire Titanium option Metal: Grade 2 titanium Window: High-purity sapphire Hybrid metal combination option Metal: 316L stainless steel, C276 alloy 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/KR41](http://www.endress.com.cn/KR41)

**应用领域:** Rxn-41拉曼探头坚固耐用，直接插入安装至过程中，无需样气处理系统。单根电缆连接设计简化了探头的安装操作，有效避免了风险；无需现场进行长光纤布线，最大限度地降低了安装成本。Rxn-41拉曼探头特别适合化工厂和炼油厂中的批次或连续生产过程。如需直接测量低温流体，可选低温型Rxn-41拉曼探头。

## 特征和规格

Liquids

测量原理

Raman spectroscopy

---

## Liquids

### Laser wavelength

532 nm, 785 nm, 1000 nm

---

### Spectral coverage

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

---

### Maximum laser power into probehead (mW)

<499

---

### Sample interface

Temperature 1" standard configuration:

-30 to 120 °C (316L stainless steel)

-30 to 150 °C (C276 alloy)

-30 to 150 °C (Grade 2 titanium)

Temperature 1" cryogenic configuration:

-196 to 70°C (C276 alloy)

-196 to 70 °C (Hybrid metal combination)

Temperature 2.375" standard configuration:

-30 to 120°C (316L stainless steel)

-30 to 150 °C (C276 alloy)

Temperature ramp: ≤30 °C/min

Flange: up to 305 mm diameter, ASME B16.5 or DIN EN1092 Type B flanges available upon request

Relative humidity: up to 95%, non-condensing

---

## Liquids

### Wetted materials

316L option

Metal: 316L stainless steel

Window: High-purity sapphire

C276 option

Metal: C276 alloy

Window: High-purity sapphire

Titanium option

Metal: Grade 2 titanium

Window: High-purity sapphire

Hybrid metal combination option

Metal: 316L stainless steel, C276 alloy

Window: High-purity sapphire

---

### Fiber optic cable

Cable sold separately

---

### Length

Maximum immersible length is dependent on material choice

---

### Diameter (mm)

25.4 or 60.325

(25.4 only for Grade 2 Titanium)

---

### Hazardous area certifications

ATEX, CSA, IECEx

---

更多信息 [www.endress.com.cn/KR41](http://www.endress.com.cn/KR41)