

## 拉曼光学探头，插入式安装

### 探寻实验室在线液体、浆料和含固介质测量的潜能



#### 优势:

- 实验室中液体、浆料和含固介质快速测量的理想选择
- 信号性能优秀
- 可选1/4"和1/2"直径的探头
- 无可移动部件
- 接液部件具有优秀的耐腐蚀性能，可以在严苛工况下使用（酸液和碱液）

#### 产品规格参数

- **Sampling probe compatibility** Raman Rxn-10 probe
- **Wetted materials** Metal: C276 alloy as standard (316L stainless steel or Grade 2 titanium upon request) Window: high-purity sapphire, proprietary compression fit non-brazed design

详细信息和最新价格参见:

[www.endress.com.cn/KI01](http://www.endress.com.cn/KI01)

**应用领域:** 拉曼光学探头采用定焦设计，插入式安装，能够长期稳定测量，信号性能优秀，为高精度测量结果保驾护航。兼容Rxn-10探头，插入式光学探头无可移动部件，光学焦点固定不变。插入式拉曼光学探头可以安装在反应罐、实验室反应器或工艺过程中测量，接液部件具有优秀的耐腐蚀性能，可以在严苛工况下使用。

#### 特征和规格

#### Liquids

##### 测量原理

Raman spectroscopy

##### Sampling probe compatibility

Raman Rxn-10 probe

## Liquids

### Sample interface

Temperature range:

-30 to 120 °C (316L stainless steel)

-30 to 280 °C (C276 alloy)

-30 to 300 °C (Grade 2 titanium )

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### 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 )

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### Wetted materials

Metal: C276 alloy as standard (316L stainless steel or Grade 2 titanium upon request)

Window: high-purity sapphire, proprietary compression fit non-brazed design

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### Length

Immersion Optic shaft length: ½" (12.7 mm) OD: 6, 12, or 18 in (152.4, 304.8, or 457.2 mm)

Immersion Optic shaft length: ¼" (6.35 mm) OD: 6 in (152.4 mm) or 8 in (203.2 mm)

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### Working distance (mm)

Short (S): 0

Long (L): 3

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### Operating range

VIS or NIR

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更多信息 [www.endress.com.cn/KIO1](http://www.endress.com.cn/KIO1)