

Rxn2拉曼光谱分析仪

连接实验室分析和过程测量的桥梁



详细信息和最新价格参见:

www.endress.com.cn/KRXN2B

优势:

- 可靠实时在线测量
- 自带控制软件，直观易懂，通过触摸屏或远程接口操作
- 单台分析仪最多可以连接四个探头，使用方便
- 按序操作，快速分析各个通道，通道访问顺序可编程设置
- 内置多参数预测器，将采集的拉曼光谱转换为工艺知识
- 输出信号可直接接入危险区或防爆场合中
- 符合cGLP/cGMP标准

产品规格参数

- **Laser wavelength** Starter: 785 nm Base Model: 532 nm, 785 nm, 1000 nm Hybrid: 785 nm
- **Spectral coverage** Starter: 300-3300 cm⁻¹ (785 nm) Base Model: 150-4350 cm⁻¹ (532 nm) 150-3425 cm⁻¹ (785 nm) 200-2400 cm⁻¹ (1000 nm) Hybrid: 175-1890 cm⁻¹ (785 nm)

应用领域: Rxn2拉曼光谱分析仪采用成熟的拉曼光谱分析技术。Rxn2拉曼光谱分析仪专供分析实验室使用，具备模型转移能力，能够可靠完成常规样气组份识别，支持项目研发和早期工艺设计，允许执行在线分析扩展设置。Rxn2拉曼光谱分析仪可选桌面台式安装型，或移动带轮推车安装型，方便在工艺研发实验室中灵活使用。

特征和规格

Liquid

测量原理

Raman spectroscopy

Laser wavelength

Starter: 785 nm

Base Model: 532 nm, 785 nm, 1000 nm

Hybrid: 785 nm

Liquid

Spectral coverage

Starter:

300-3300 cm⁻¹ (785 nm)

Base Model:

150-4350 cm⁻¹ (532 nm)

150-3425 cm⁻¹ (785 nm)

200-2400 cm⁻¹ (1000 nm)

Hybrid: 175-1890 cm⁻¹ (785 nm)

Spectral resolution

Starter:

10 cm⁻¹ (average)

Base model (average):

5 cm⁻¹ (532 nm)

4 cm⁻¹ (785 nm)

5 cm⁻¹ (1000 nm)

Hybrid:

4 cm⁻¹ (785 nm) average

Channels

Starter:

Single channel

Base Model:

Up to four channels

Hybrid:

Up to two channels

Temperature

Operating:

15 to 30 °C

Storage:

-15 to 50 °C

Relative humidity

20-80% RH, non-condensing

Liquid

Input voltage

100-240 V, 50-60 Hz, $\pm 10\%$

Power consumption (W)

400 (max)

250 (typical start-up)

120 (typical running)

Warm up time (minutes)

120

Unit dimensions (width x height x depth in mm)

Benchtop model: 279 x 483 x 592

Cart model: 685 x 1022 (to tabletop) x 753

Weight (kg)

Base model: 32

Cart model: 93

Sampling probe compatibility

Starter:

Raman Rxn-10 (with accessory optics)

Base model:

Raman Rxn-10 (with accessory optics), Rxn-40, Rxn-41, Rxn-45, Rxn 46

Hybrid:

Channel 1 - Raman Rxn-20 (with accessory optics)

Channel 2 - Raman Rxn-10 (with accessory optics), Rxn-40, Rxn-41,

Rxn-45, Rxn 46

Automation interface

OPC

Modbus

HTTPS

(contact us for other options)

Installation options

Benchtop (standard) or mobile wheeled cart

Liquid**Hazardous area certifications**ATEX, CSA, IECEx

Solids**测量原理**Raman spectroscopy

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Gases

测量原理

Raman spectroscopy

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532 nm

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Spectral resolution

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Channels

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Gases

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Cart model: 93

Sampling probe compatibility

Raman Rxn-30

Automation interface

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Modbus
HTTPS
(contact us for other options)

Gases

Installation options

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更多信息 www.endress.com.cn/KRXN2B