

拉曼探头Rxn-45

完全兼容生物工艺生产过程



优势:

- 多组分实时测量，自动进行全天候过程反馈
- 测量具有高长期稳定性
- 表面处理符合cGMP生产要求
- 与工业标准生物反应器测端口和传感器外壳兼容
- 在研发过程和生产反应器中灵活安装
- 兼容CIP/SIP标准，减少消毒和清洁工作量

产品规格参数

- **Laser wavelength** 785 nm, 1000 nm
- **Wetted materials** Body: 316L stainless steel Window: Proprietary material, optimized for bioprocesses Process connection: PG13.5 for industry standard sensor housings, welded port connectors available Surface finish: Ra 15 with electropolish Adhesive: USP Class VI and ISO993 compatible
- **Sterilization method** CIP/SIP

详细信息和最新价格参见:

www.endress.com.cn/KR45

应用领域: 拉曼探头Rxn-45探头充分利用拉曼技术在生物工艺生产过程中的强大影响力，实时测量多种特定组份，成分，全天候不间断反馈过程状况。它还满足严格工况的采样要求，合规、可消毒、端口兼容、使用便捷。拉曼探头Rxn-45用于研发过程，安装遵循cGMP规范的不锈钢反应器中使用，成功为大规模生物工艺过程提供分析“眼睛”。

特征和规格

Liquids

测量原理

Raman spectroscopy

Laser wavelength

785 nm, 1000 nm

Liquids

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: -30 to 150 °C

Temperature ramp: ≤30 °C/min

Pressure

Max pressure (psig): 200

Wetted materials

Body: 316L stainless steel

Window: Proprietary material, optimized for bioprocesses

Process connection: PG13.5 for industry standard sensor housings, welded port connectors available

Surface finish: Ra 15 with electropolish

Adhesive: USP Class VI and ISO993 compatible

Fiber optic cable

Cable sold separately

Length

120 mm

Diameter (mm)

12

Sterilization method

CIP/SIP

更多信息 www.endress.com.cn/KR45