

Raman optic system for single use

Ensure sterility and reliability for single-use biopharmaceutical development and manufacturing



F L E X

Benefits:

- Disposable fitting for single-use bioreactors (SUB), plus a non-contact reusable optic
- Developed to industry standards for single-use sensors
- Gamma sterilizable
- Tested and supplied by multiple SUB vendors

Specs at a glance

- **Sampling probe compatibility** Raman Rxn-10 probe

Field of application: Developed according to industry standards for single-use sensors, this Raman optic system is cGMP qualified and gamma sterilizable. The system is comprised of two parts - a reusable optic and a disposable fitting for single-use bioreactors (SUB). The Raman optic system for single use in conjunction with the Rxn-10 probe offers the same quality data as reusable Raman probes. This ability allows customers to develop products and processes without limitations of the final production reactor type.

Features and specifications

Liquids

Measuring principle

Raman spectroscopy

Laser wavelength

785 nm, 1000 nm

Liquids

Sampling probe compatibility

Raman Rxn-10 probe

Sample interface

Temperature: 0 to 100 °C

Length

Dimensions vary according to single use bioreactor vendor port and fitting type

Diameter (mm)

Dimensions vary according to single use bioreactor vendor port and fitting type

More information www.ch.endress.com/KRSU1