

Raman Rxn-46 probe

Raman interface adapted and optimized to fit the BioPAT® Spectro platform by Sartorius



More information and current pricing:

www.us.endress.com/KR46

Benefits:

- Enables faster, easier, and more robust model building via integration with Ambr® 15 and Ambr® 250
- Allows high throughput process development which supports QbD
- Provides a more efficient transfer to Biostat STR® for single-use manufacturing
- Offers a scale-independent interface from 15 ml in the laboratory to 2000 L in the production suite
- Requires no probe cleaning, sterilization, or frequent maintenance due to non-contact sampling

Specs at a glance

- **Laser wavelength** 785 nm
- **Sample interface** Temperature: probe is non-contact; operating temp: 10 to 50 °C

Field of application: The recent union between our Raman analyzers equipped with Rxn-46 bioprocess probe technology and the BioPAT® Spectro platform by Sartorius offers the market an ideal interface to high throughput development through single-use commercial manufacturing. Our Raman bioprocessing probe technology has been adapted to fit Sartorius's BioPAT® Spectro platform, utilizing the same probe design for Ambr® 15, Ambr® 250, & Biostat STR® bioreactors.

Features and specifications

Liquids

Measuring principle

Raman spectroscopy

Liquids

Laser wavelength

785 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: probe is non-contact; operating temp: 10 to 50 °C

Wetted materials

Body: n/a

Window: n/a

Process connection: Sartorius BioPAT® SpectroSurface finish: n/a

Adhesive: n/a

Fiber optic cable

Cable sold separately

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