

## Raman Rxn-46 probe

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



More information and current pricing:

[www.endress.com/KR46](http://www.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

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## Liquids

### Laser wavelength

785 nm

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### Spectral coverage

Probe spectral coverage is limited by the coverage of the analyzer being used.

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### Maximum laser power into probehead (mW)

<499

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### Sample interface

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

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### Wetted materials

Body: n/a

Window: n/a

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

Adhesive: n/a

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### Fiber optic cable

Cable sold separately

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