

# AvaSpec-RS Replaceable-Slit Spectrometer

## AvaSpec-RS



For most customers the choice between throughput and resolution is not an easy one. Avantes now offers the possibility for end-users to easily replace a slit through the introduction of our replaceable-slit feature. The replaceable slit option is only available on ULS Ultra-low Stray-light AvaSpecs and the NIR256-1.7 spectrometer. The slit sets contain 25, 50, 100

and 200  $\mu\text{m}$  slits along with a screwdriver tool to facilitate the change. Slit kits are available with SMA-905 connector, as well as FC/PC connectors. Slit sets can be ordered separately for the -RS spectrometer.

No recalibration of the spectrometer is needed when changing slit because of the high-precision slit positioning.

### Technical Data

|                            |  |
|----------------------------|--|
| <b>Slit set connectors</b> | SMA-905 or FC/PC                                       |
| <b>Slit sizes</b>          | 25, 50, 100, 200 $\mu\text{m}$ (width) x 1 mm (height) |
| <b>Material</b>            | Stainless steel  |
| <b>Fixing screws</b>       | Torx (included)  |

### Ordering Information

|                        |  |
|------------------------|--|
| <b>-RS</b>             | <ul style="list-style-type: none"> <li>Replaceable slit, to be added to the product code of the AvaSpec-ULS or AvaSpec-NIR256-1.7</li> </ul>   |
| <b>SLIT-XX-RS</b>      | <ul style="list-style-type: none"> <li>Replaceable slit with SMA connector. Specify slit size XX=25, 50, 100 or 200 <math>\mu\text{m}</math>, only in combination with AvaSpec-ULS-RS spectrometers and AvaSpec-NIR256-1.7-RS</li> </ul> |
| <b>SLIT-XX-RS-FCPC</b> | <ul style="list-style-type: none"> <li>as SLIT-XX-RS, but with FC/PC connector</li> </ul>  |



### Slit Kit

To fully utilize your AvaSpec-RS series spectrometer with replaceable slit, the Slit Kit is available. It features a complete set with four slits, of 25, 50, 100 and 200  $\mu\text{m}$ . Also included in the kit are the tools to easily change the slit in the spectrometer.

The Slit Kit is available in SMA and FC/PC versions. Both kits can be used on any spectrometer with the replaceable slit option installed.

### Ordering information

|                     |   |
|---------------------|---|
| <b>SLITKIT-SMA</b>  | <ul style="list-style-type: none"> <li>Slit kit containing 25, 50, 100 and 200 <math>\mu\text{m}</math> slits, and the tools to replace the slit. SMA-connectors</li> </ul> |
| <b>SLITKIT-FCPC</b> | <ul style="list-style-type: none"> <li>As SLITKIT-SMA, but with FC/PC connectors</li> </ul>   |

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