AvaSpec-RS
Replaceable-Slit Spectrometer

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 µm 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

<table>
<thead>
<tr>
<th>Slit set connectors</th>
<th>SMA-905 or FC/PC</th>
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</thead>
<tbody>
<tr>
<td>Slit sizes</td>
<td>25, 50, 100, 200 µm (width) x 1 mm (height)</td>
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<tr>
<td>Material</td>
<td>Stainless steel</td>
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<tr>
<td>Fixing screws</td>
<td>Torx (included)</td>
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</table>

Ordering Information

- RS
  - Replaceable slit, to be added to the product code of the AvaSpec-ULS or AvaSpec-NIR256-1.7

SLIT-XX-RS
  - Replaceable slit with SMA connector.
  - Specify slit size XX=25, 50, 100 or 200 µm, only in combination with AvaSpec-ULS-RS spectrometers and AvaSpec-NIR256-1.7-RS

SLIT-XX-RS-FCPC
  - as SLIT-XX-RS, but with FC/PC connector

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 µm. 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

SLITKIT-SMA
  - Slit kit containing 25, 50, 100 and 200 µm slits, and the tools to replace the slit. SMA-connectors

SLITKIT-FCPC
  - As SLITKIT-SMA, but with FC/PC connectors

Don’t forget to order a fiber cable