

# 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 available on ULS Ultra-low Stray-light AvaSpecs. On our AvaSpec-HERO & NIR spectrometers this is standard. The slit sets contain 25, 50, 100 and 200  $\mu\text{m}$  slits along with a screw-

driver 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 or 500 $\mu\text{m}$ (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</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, 200 or 500 <math>\mu\text{m}</math>, in combination with AvaSpec-ULS-RS spectrometers</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, 200 and 500  $\mu\text{m}$ . Also included in the kit are the tools to easily change the slit in the spectrometer.

The Slit Kit is available in SMA (choice of 4 SMA slits), SMA/FCPC (combination of 2 SMA and 2 FCPC slits) and FC/PC (choice of 4 FCPC and/or SMA slits) versions.

All kits can be used on any spectrometer with the replaceable slit option installed. Slit sizes 5 and 10  $\mu\text{m}$  cannot be included in the kit, but can be ordered as a separate item (recalibration of spectrometer recommended).



## Ordering Information

<b>SLITKIT-SMA</b>	<ul style="list-style-type: none"><li>• Slit kit containing of 4 SMA replaceable slits. Choice of 25, 50, 100, 200 and 500 <math>\mu\text{m}</math> slits (any combination), and the tools to replace the slit</li></ul>
<b>SLITKIT-SMA/FCPC</b>	<ul style="list-style-type: none"><li>• Slit kit containing of 2 SMA and 2 FCPC replaceable slits.. Choice of 25, 50, 100, 200 and 500 <math>\mu\text{m}</math> slits (any combination), and the tools to replace the slit</li></ul>
<b>SLITKIT-FCPC</b>	<ul style="list-style-type: none"><li>• Slit kit containing of 4 replaceable slits (FCPC and/or SMA). Choice of 25, 50, 100, 200 and 500 <math>\mu\text{m}</math> slits (any combination), and the tools to replace the slit.</li></ul>

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