

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 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

Slit set connectors	SMA-905 or FC/PC
Slit sizes	25, 50, 100, 200 or 500 µm (width) x 1 mm (height)
Material	Stainless steel
Fixing screws	Torx (included)

Ordering Information

-RS	<ul style="list-style-type: none"> Replaceable slit, to be added to the product code of the AvaSpec-ULS
SLIT-XX-RS	<ul style="list-style-type: none"> Replaceable slit with SMA connector. Specify slit size XX=25, 50, 100, 200 or 500 µm, in combination with AvaSpec-ULS-RS spectrometers
SLIT-XX-RS-FCPC	<ul style="list-style-type: none"> 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, 200 and 500 µm. 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 µm cannot be included in the kit, but can be ordered as a separate item (recalibration of spectrometer recommended).



Ordering Information

SLITKIT-SMA	<ul style="list-style-type: none"> Slit kit containing of 4 SMA replaceable slits. Choice of 25, 50, 100, 200 and 500 µm slits (any combination), and the tools to replace the slit
SLITKIT-SMA/FCPC	<ul style="list-style-type: none"> Slit kit containing of 2 SMA and 2 FCPC replaceable slits.. Choice of 25, 50, 100, 200 and 500 µm slits (any combination), and the tools to replace the slit
SLITKIT-FCPC	<ul style="list-style-type: none"> Slit kit containing of 4 replaceable slits (FCPC and/or SMA). Choice of 25, 50, 100, 200 and 500 µm slits (any combination), and the tools to replace the slit.

Don't forget to order a fiber cable