

AvaSpec-UV/VIS/NIR: Broadband Spectrometer

AvaSpec-UV/VIS/NIR



Avantes introduces this versatile broadband spectrometer, suited for various measurements in the complete UV/VIS/NIR area. This all comes in one package, no separate units necessary. This dual spectrometer is suited for 200-1700 nm.

This solution for versatile needs is an ideal companion in the areas Bioscience, Medical Diagnoses, Semiconductor & Solar Industry, Food & Agriculture, Geology & Mineralogy, Pharmaceutical Industry, Environmental Science, Forensic analysis,

and many more.

The first channel is based on a AvaSpec-ULS2048L. The second channel is based on Avaspec-NIR256-1.7 (uncooled version). Both with replaceable slit option. Available configurations are similar to the options of both spectrometer models mentioned. Detailed info please check these data-sheets.

Technical Data

Connections	2 x USB2.0 2 x DB26 (DIO/RS232) 2 x SMB (synch)
Dimensions, weight	250 x 144 x 179 mm, 4.1 kg
Power supply	Default USB power, 250/350 mA

Ordering Information

AvaSpec-UV/VIS/NIR	<ul style="list-style-type: none"> Dual Channel Broad Band Spectrometer consisting of: <ul style="list-style-type: none"> Channel 1: UV/VIS Spectrometer based on the 2048L detector with replaceable slit Channel 2: NIR Spectrometer based on the uncooled 1.7 detector with replaceable slit Incl.: USB cables, Sync cable, Avasoft-Basic Excl.: Options for both channels (grating, settings, slit, etc.) For both channels specify grating, wavelength range and options
Ordering Example	<ul style="list-style-type: none"> AvaSpec-UV/VIS/NIR Channel 1: Grating - UA set for 200-1100nm, DUV, OSC-UA, Slit-25-RS Channel 2: Grating NIR200-1.5 set for 950-1700nm, Slit-50-RS Avasoft-Full

Note: This model will soon be replaced for an EVO version