

New in this Catalog

Avantes continuously works on innovations, product improvements and new product development. Here is a short overview of recently released products, adding over 20 pages that are new in this Catalog:



Product	Description		Page
AvaSpec-ULS	Revolutionary new designed Ultra Low Straylight Spectrometers for demanding applications		31
AvaSpec-NIR256-2.0	2-stage Peltier cooled NIR spectrometer with factor 20-50 longer integration time for low light/high sensitivity applications		34
AvaSpec-preconfigured	Range of 4 pre-configured spectrometers, available from stock, for most common applications		38
AvaBench-NIR	All optical AvaBenches now available as OEM components to self integrate in instruments		43
AvaLIBS-50/100	Modular designed LIBS platform with new sample holders		50
Panorama Software	Spectroscopic Mathematic Data-processing software with Spectral Search, Raman and CFR compliant packages		62
Specline Software	Spectroscopy Software for LIBS spectra interpretation, including peak finding and identifying atoms, ions and molecules		63
TFProbe Thinfilm	Thinfilm multilayer Measurements Software		64
Multi-furcated Fiber Optic Cables	Different configurations of 4-, 5-, 6-, and 8-furcated fiber optic cables for multichannel applications		90
HTX Probes	High Temperature probes (up to 500°C) with CuBALL fibers and silver soldering		102
CC-UV/VIS/NIR-5.0	Special cosine corrector 5.0 degrees Field of View for Solar radiation measurements		104
MWS	Multipurpose work-stand for Fiber Optic Accessories, including probe holders, angular holders and sample holders		108
CUV-TC	Temperature Controlled Cuvette Holders with TE controller unit		117
AvaSphere-50-LS-HAL	Integrating sphere with internal halogen light source for Reflection measurements or as radiance calibration standard		122
AvaSphere-100/300	Large diameter AvaSpheres for irradiance measurements		123
RS-2-CAL	NIST traceable Calibrated Specular Reflection standard		135
AvaSolar	Broadband (200-2500nm) Solar Spectrum Irradiance measurement system		143

Spectrometers

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