

Avantes Pricelist 2015

2015

Price (€)

PRECONFIGURED SPECTROMETERS			
	AvaSpec-EDU-VIS	Educational fiber optic VIS spectrometer, 2048 pixels, grating VB (350-850 nm), no slit, USB2 interface	1.029,00
	AvaSpec-EDU-UV/VIS	Educational fiber optic UV/VIS spectrometer, 2048 pixels, grating UA (200-850 nm), DUV400, no slit, USB2 interface	1.338,00
	AvaSpec-ULS3648-USB2-UA-25	Fiber optic UV/VIS/NIR spectrometer, 3648 pixel CCD detector, Slit 25, DUV3648, grating UA (200-1100 nm), OSC-UA, USB powered USB2 high speed interface, including AvaSoft-Full.	2.497,00
	AvaSpec-ULS2048-USB2-UA-50	Fiber optic UV/VIS/NIR spectrometer, 2048 pixels, grating UA (200-1100 nm), slit-50, DUV400, OSC-UA, DCL-UV/VIS, USB2 interface, including AvaSoft-Full, USB interface cable	2.624,00
	AvaSpec-ULS2048-USB2-VA-50	Fiber optic VIS/NIR spectrometer, 2048 pixels, grating VA (360-1100 nm), slit-50, OSC, DCL-UV/VIS, USB2 interface, including AvaSoft-Full, USB interface cable	2.410,00
	AvaSpec-ULS2048L-USB2-BB-50	Fiber optic VIS/NIR spectrometer, 2048L pixels, grating BB (360-880 nm), slit-50, OSF-305, OSC, USB2 interface, including AvaSoft-Full, USB interface cable	2.533,00
	AvaSpec-ULS2048XL-USB2-UA-50	Fiber optic VIS/NIR spectrometer, 2048XL pixels, grating UA (200-1150 nm), slit-50, OSC-UA, USB2 interface, including AvaSoft-Full, USB interface cable	4.053,00
New	AvaSpec-ULS2048L-USB2-UA-RS	Ultra Low Straylight Fiber Optic VIS/NIR with Replaceable Slit spectrometer, 2048 pixel 14x200µm CCD detector, grating UA (200-1100nm), DCL-UV/VIS-200, OSC-UA, DUV, USB powered USB2 high speed interface. including Avasoft-Full. SLIT-KIT-SMA included (slit-25-RS preinstalled).	3.275,00

AVASPEC COMPACTLINE SPECTROMETERS			
New	AvaSpec-Mini2048-U25	Mini spectrometer, 2048 pixels, grating-MN1800-0.25 (220-390nm), DUV, 25µm slit, USB2 interface, with AvaSoft-Basic	2.295,00
New	AvaSpec-Mini2048-V25	Mini spectrometer, 2048 pixels, grating-MN600-0.50 (350-885nm), OSC, 25µm slit, USB2 interface, with AvaSoft-Basic	2.295,00
New	AvaSpec-Mini2048-I25	Mini spectrometer, 2048 pixels, grating-MN600-1.00 (600-1100nm), OSF600, 25µm slit, USB2 interface, with AvaSoft-Basic	2.295,00
New	AvaSpec-Mini2048L-U25	Mini spectrometer, 2048 Large pixels, grating-MN1800-0.25 (220-390nm), DUV, 25µm slit, USB2 interface, with AvaSoft-Basic	2.395,00
New	AvaSpec-Mini2048L-V25	Mini spectrometer, 2048 Large pixels, grating-MN600-0.50 (350-885nm), OSC, 25µm slit, USB2 interface, with AvaSoft-Basic	2.395,00
New	AvaSpec-Mini2048L-I25	Mini spectrometer, 2048 Large pixels, grating-MN600-1.00 (600-1100nm), OSF600, 25µm slit, USB2 interface, with AvaSoft-Basic	2.395,00
New	AvaSpec-Mini3648-U25	Mini spectrometer, 3648 pixels, grating-MN1800-0.25 (220-390nm), DUV, 25µm slit, USB2 interface, with AvaSoft-Basic	2.395,00
New	AvaSpec-Mini3648-V25	Mini spectrometer, 3648 pixels, grating-MN600-0.50 (350-885nm), OSC, 25µm slit, USB2 interface, with AvaSoft-Basic	2.395,00
New	AvaSpec-Mini3648-I25	Mini spectrometer, 3648 pixels, grating-MN600-1.00 (600-1100nm), OSF600, 25µm slit, USB2 interface, with AvaSoft-Basic	2.395,00

AVASPEC STARLINE SPECTROMETERS			
	AvaSpec-128-USB2	Fiber optic spectrometer, 45 mm AvaBench, 128 pixel PDA detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	2.158,00
	AvaSpec-ULS2048-USB2	Ultra low straylight fiber optic spectrometer, 75 mm AvaBench, 2048 pixel CCD detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	2.565,00
	AvaSpec-ULS3648-USB2	Ultra low straylight fiber optic spectrometer, 75 mm AvaBench, 3648 pixel CCD detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	2.668,00
	AvaSpec-ULS2048L-USB2	Ultra low straylight fiber optic spectrometer, 75 mm AvaBench, 2048 pixel 14x200 µm CCD detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	2.668,00
	AvaSpec-ULS350F-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 pixel CCD detector (350 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.771,00
	AvaSpec-ULS750F-USB2	Ultra fast Fiber Optic Spectrometer, 75 mm low stray-light AvaBench, 2048 pixel CCD detector (750 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.771,00
	AvaSpec-ULS950F-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 pixel CCD detector (950 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.771,00
	AvaSpec-ULS1350F-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 pixel CCD detector (1350 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.771,00
	AvaSpec-ULS1650F-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 pixel CCD detector (1650 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.771,00
	AvaSpec-ULS350LF-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 large pixel CCD detector (350 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.874,00
	AvaSpec-ULS750LF-USB2	Ultra fast Fiber Optic Spectrometer, 75 mm low stray-light AvaBench, 2048 large pixel CCD detector (750 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.874,00
	AvaSpec-ULS950LF-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 large pixel CCD detector (950 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.874,00



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	AvaSpec-ULS1350LF-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 large pixel CCD detector (1350 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.874,00
	AvaSpec-ULS1650LF-USB2	Ultra fast fiber optic spectrometer, 75 mm low stray-light AvaBench, 2048 large pixel CCD detector (1650 pixel used), USB2 powered high speed USB2 interface, including USB interface cable. Needs AvaSoft-Full for Store2RAM, specify grating, wavelength range and options	2.874,00
New	AvaSpec-ULSi2048-USB2	Integrated Ultra Low Straylight Fiber Optic Spectrometer, 75 mm Avabench, 2048 pixel CCD detector, USB powered high speed USB2 interface, incl. ASC electronic board, AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	2.774,00
New	AvaSpec-ULSi3648-USB2	Integrated Ultra Low Straylight Fiber Optic Spectrometer, 75 mm Avabench, 3648 pixel CCD detector, USB powered high speed USB2 interface, incl. ASC electronic board, AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	3.042,00
New	AvaSpec-ULSi2048L-USB2	Integrated Ultra Low Straylight Fiber Optic Spectrometer, 75 mm Avabench, 2048 pixel 14x200µm CCD detector, USB powered high speed USB2 interface, incl. ASC electronic board, AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	3.042,00

AVASPEC SENSLINE SPECTROMETERS

	AvaSpec-ULS2048XL-USB2	Ultra low straylight fiber optic spectrometer, 75 mm AvaBench, 2048XL pixel back illum CCD detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	4.481,00
	AvaSpec-HS2048XL-USB2	High-sensitivity fiber-optic Spectrometer, 2048 large 500 µm pixel back-thinned CCD detector, USB powered, high-speed USB2 interface, incl. AvaSoft-Basic, USB interface cable. Specify grating, wavelength range and options	6.694,00
	AvaSpec-HS1024x58TEC-USB2	High sensitivity fiber optic spectrometer, Van Norden optical bench design, 1024x58 pixel back illum TE cooled CCD detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	9.785,00
	AvaSpec-HS1024x122TEC-USB2	High sensitivity fiber optic spectrometer, Van Norden optical bench design, 1024x122 pixel back illum TE cooled CCD detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, specify grating, wavelength range and options	11.845,00
	AvaSpec-ULS2048LTEC-USB2	Thermo-Electric cooled fiber optic spectrometer, 75 mm ultra-low straylight AvaBench, 2048L pixel 3 stage-TE cooled and regulated CCD detector, USB2 high speed interface, including AvaSoft-Basic, USB cable in desktop housing, specify grating, wavelength range and options.	5.099,00
	AvaSpec-ULS3648TEC-USB2	Thermo-Electric cooled fiber optic spectrometer, 75 mm ultra-low straylight AvaBench, 3648 pixel 3 stage TE cooled and regulated CCD detector, USB2 high speed interface, including AvaSoft-Basic, USB cable in desktop housing, specify grating, wavelength range and options.	5.305,00
	AvaSpec-XHS2048L	Extreme high sensitivity spectrometer optimized for Raman spectroscopy at 785 nm	17.505,00
	AvaSpec-XHS2048LTEC	Triple stage TEC cooled extreme high sensitivity spectrometer optimized for Raman spectroscopy at 785 nm	20.595,00

AVASPEC NIRLINE SPECTROMETERS

	AvaSpec-NIR256-1.7	Fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-1700 nm, OSF-850/1000, specify NIR grating, wavelength range and slit	9.219,00
	AvaSpec-NIR256-1.7TEC	Fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with TE cooling, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-1700 nm, OSF-850/1000, specify NIR grating, wavelength range and slit	11.279,00
	AvaSpec-NIR512-1.7TEC	Fiber optic spectrometer, 50 mm AvaBench, 512 pixel InGaAs detector with TE cooling, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-1700 nm, OSF-850/1000, specify NIR grating, wavelength range and slit	13.339,00
	AvaSpec-NIR256-2.0TEC	Fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with 2 stage TEC, high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2000 nm, OSF-1000, specify NIR grating, wavelength range and slit	19.004,00
	AvaSpec-NIR256-2.2TEC	Fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with 2 stage TEC, high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2200 nm, OSF-1000, specify NIR grating, wavelength range and slit	19.519,00
	AvaSpec-NIR512-2.2TEC	Fiber optic spectrometer, 50 mm AvaBench, 512 pixel InGaAs detector with 2 stage TE cooling, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2200 nm, OSF-1000, specify NIR grating, wavelength range and slit	21.579,00
New	AvaSpec-NIR256-2.5-HSC	NIR Spectrometer, 100 mm Avabench, 256 pixel InGaAs detector 2stage TEC, USB2, incl. AvaSoft-Basic, USB cable, specify OSF, NIR grating and wavelength range and Slit-xx-RS.	19.450,00

DUAL CHANNEL SPECTROMETERS USB2 PLATFORM

	AvaSpec-128-2-USB2	Dual channel fiber optic spectrometer, 45 mm AvaBench, 128 pixel PDA detector, 2 x USB powered high speed USB2 interface, including AvaSoft-Basic, 2x USB cable, sync cable. For each channel specify grating, wavelength range and options	3.481,00
	AvaSpec-ULS2048-2-USB2	Dual channel ultra-low straylight fiber optic spectrometer, 75 mm AvaBench, 2048 pixel CCD detector, 2 x USB powered high speed USB2 interface, including AvaSoft-Basic, 2x USB cable, sync cable. For each channel specify grating, wavelength range and options	4.099,00
	AvaSpec-ULS2048L-2-USB2	Dual channel ultra-low straylight fiber optic spectrometer, 75 mm AvaBench, 2048 pixel 14x200 µm CCD detector, 2 x USB powered high speed USB2 interface, including AvaSoft-Basic, 2x USB cable, sync cable. For each channel specify grating, wavelength range and options	4.305,00
	AvaSpec-ULS3648-2-USB2	Dual channel ultra-low straylight fiber optic spectrometer, 75 mm AvaBench, 3648 pixel CCD detector, 2 x USB powered high speed USB2 interface, including AvaSoft-Basic, 2x USB cable, sync cable. For each channel specify grating, wavelength range and options	4.305,00
	AvaSpec-ULS2048XL-2-USB2	Dual channel ultra-low straylight fiber optic spectrometer, 75 mm AvaBench, 2048XL pixel back illum CCD detector, 2 x USB powered high speed USB2 interface, including AvaSoft-Basic, 2x USB cable, sync cable. For each channel specify grating, wavelength range and options	8.755,00



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MULTICHANNEL SPECTROMETERS USB2 PLATFORM			
New		Dual Channel BroadBand Spectrometer consisting of: CH1: UV/VIS Spectrometer based on the 2048L detector with replaceable slit. CH2: 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.)	12.710,00
	AvaSpec-UV/VIS/NIR		
	AVS-DESKTOP-USB2	Desktop for USB2 platform multichannel AvaSpec, including channel synchronization, USB2-hub, one DB26-IO connector and 100-240VAC power supply, supports max 4 rackmount unit spectrometer channels.	1.025,00
	AVS-RACKMOUNT-USB2	19" Rackmount for USB2 platform multichannel AvaSpec, including channel synchronization, USB2-hub, one DB26-IO connector and 100-240VAC power supply, supports max 10 rackmount unit spectrometer channels.	1.540,00
	AvaSpec-128-USB2-RM	Rackmount unit fiber optic spectrometer, 128 pixel PDA detector, self powered high speed USB2 interface, including AvaSoft-Basic software, USB cable and sync cable, specify grating, wavelength range and options. desktop/rackmount needs to be ordered separately	1.741,00
	AvaSpec-ULS2048-USB2-RM	Ultra low straylight rackmount unit fiber optic spectrometer, 2048 pixel CCD detector, self powered high speed USB2 interface, including AvaSoft-Basic software, USB cable and sync cable, specify grating, wavelength range and options. desktop/rackmount needs to be ordered separately	2.153,00
	AvaSpec-ULS2048L-USB2-RM	Ultra low straylight rackmount unit fiber optic spectrometer, 2048 pixel 14x200 µm CCD detector, self powered high speed USB2 interface, including AvaSoft-Basic software, USB cable and sync cable, specify grating, wavelength range and options. desktop/rackmount needs to be ordered separately	2.256,00
	AvaSpec-ULS3648-USB2-RM	Ultra low straylight rackmount unit fiber optic spectrometer, 3648 pixel CCD detector, self powered high speed USB2 interface, including AvaSoft-Basic software, USB cable and sync cable, specify grating, wavelength range and options. desktop/rackmount needs to be ordered separately	2.256,00
	AvaSpec-ULS2048XL-USB2-RM	Ultra low straylight rackmount unit fiber optic spectrometer, 2048XL pixel back illum CCD detector, self powered high speed USB2 interface, including AvaSoft-Basic software, USB cable and sync cable, specify grating, wavelength range and options. desktop/rackmount needs to be ordered separately	4.069,00
	AvaSpec-NIR256-1.7-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-1700 nm, OSF-850/1000, specify NIR grating, wavelength range and slit	9.219,00
	AvaSpec-NIR256-1.7TEC-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with 2 stage TEC, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-1700 nm, OSF-850/1000, specify NIR grating, wavelength range and slit	11.279,00
	AvaSpec-NIR512-1.7TEC-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 512 pixel InGaAs detector with 2 stage TEC, USB powered high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-1700 nm, OSF-850/1000, specify NIR grating, wavelength range and slit	13.339,00
	AvaSpec-NIR256-2.0TEC-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with 2 stage TEC, high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2000 nm, OSF-1000, specify NIR grating, wavelength range and slit	19.519,00
	AvaSpec-NIR256-2.2TEC-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with 2 stage TEC, high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2200 nm, OSF-1000, specify NIR grating, wavelength range and slit	19.519,00
	AvaSpec-NIR512-2.2TEC-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 512 pixel InGaAs detector with 2 stage TEC, high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2200 nm, OSF-1000, specify NIR grating, wavelength range and slit	21.579,00
New	AvaSpec-NIR256-2.5TEC-HSC-RM	Rackmounted unit fiber optic spectrometer, 50 mm AvaBench, 256 pixel InGaAs detector with 2 stage TEC, high speed USB2 interface, including AvaSoft-Basic, USB interface cable, 1000-2500 nm, OSF-1000, specify NIR grating, wavelength range and slit	19.450,00
	CONN-DB26-RM	Extra DB26-IO connector output for desktop/rackmount for USB2 platform multichannel AvaSpec	201,00

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SPECTROMETER OPTIONS		
-SPU2	Including switch for USB powered USB2 or external power for RS232	103,00
DUV	> 150 nm deep-UV detector coating, only for AvaSpec-2048/3648/2048L < 350 nm	252,00
DCCL-VIS	Detector collection lens to enhance sensitivity, only for AvaSpec-128	98,00
DCL-UV/VIS	Detector collection lens for AvaSpec-2048/3648 to enhance sensitivity, quartz, 200-1100 nm	134,00
DCL-UV/VIS-200	Detector collection lens for AvaSpec-2048L/3648/2048x14 for > 200 µm fibers, to enhance sensitivity, quartz, 200-1100 nm	144,00
Slit-XX	Slit size, please specify XX = 10, 25, 50, 100, 200, 500 µm	134,00
-RS	Replaceable slit, to be added to the product code of the AvaSpec-ULS or AvaSpec-NIR256-1.7	412,00
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 and AvaSpec-NIR256-1.7-RS	252,00
Slit-XX-RS-FCPC	Replaceable slit with FC/PC connector. Specify slit size xx = 25, 50, 100 or 200 µm, only in combination with AvaSpec-ULS-RS and AvaSpec-NIR256-1.7-RS	304,00
SLIT-KIT-SMA-4	Slit kit containing 25, 50, 100 and 200 µm slits, and the tools to replace the slit. SMA connector	510,00
SLIT-KIT-FCPC-4	Slit kit containing 25, 50, 100 and 200 µm slits, and the tools to replace the slit. FC/PC connector	716,00
SLIT-KIT-TOOLS-SMA	Tools to replace the slit for SMA connector, including box	98,00
SLIT-KIT-TOOLS-FCPC	Tools to replace the slit for FC/PC connector, including box	98,00
GRAT-UNA-DB	Dual blazed grating 300/1000 nm, 300 lines/mm for AvaSpec-ULS2048(L)/3648/2048XL	716,00
OSF-YYY	Order sorting filter for reduction of second order effects (1 mm < 2%), please specify YY= 305, 385, 475, 515, 550, 600 nm	46,00
OSF-YYY-3	Order sorting filter for reduction of second order effects (filter 3 mm < 0.01%), please specify YY= 305, 385, 475, 515, 550, 600 nm, not for ULS spectrometers	46,00
OSC	Order sorting coating with 600 nm pass filter for VA, BB and VB gratings in AvaSpec-ULS2048(L)/3648/2048XL	155,00
OSC-UA	Order sorting coating with 350 and 600 nm pass filter for UA gratings in AvaSpec-ULS2048(L)/3648/2048XL	196,00
OSC-UB	Order sorting coating with 350 and 600 nm pass filter for UB and BB gratings starting < 350 nm in AvaSpec-ULS2048(L)/3648/2048XL	196,00
OSC-HS500	Order-sorting coating with 350 and 600 nm pass filter for HS500 gratings in AvaSpec-HS	196,00
OSC-HS900	Order-sorting coating with 600 nm pass filter for HS900 gratings in AvaSpec-HS	155,00
OSC-HS1000	Order-sorting coating with 350 nm pass filter for HS1000 gratings in AvaSpec-HS	155,00
OSC-NIR	Order sorting coating with 1400 nm pass filter for NIR100-2.5 and NIR150-2.0 gratings in AvaSpec-NIR256-2.2/2.5	0,00
Purge ULS	Set of 4 mm gas fittings for AvaSpec-ULS purging in DUV (< 200 nm) applications	308,00
-FC/PC	FC/PC entrance connector on AvaSpec instead of SMA	206,00

SPECTROMETER ACCESSORIES		
IC-DB26-2	Interface cable AvaSpec-USB2 platform to DB15 for AvaLight-S with shutter for auto save darks & lamp off, AvaLight-XE control, 2 m	102,00
IC-DB26/DB9-2	Interface cable AvaSpec-USB2 platform DB26 male to RS232 DB9 female cable, 2 m	102,00
IC-DB26/DB9/DB15-2	Interface Y-cable AvaSpec-USB2 platform to RS-232 (DB9) and AvaLight-S (DB15) with shutter for auto save dark/ lamp off, AvaLight-XE control, 2 m	143,00
IC-Extrig-USB2	Interface cable AvaSpec-USB2 to external trigger push button, 2 m	102,00
IC-DB26-EXTRIG-BNC-2	Interface cable AvaSpec-USB2 platform to BNC plug external trigger, 2 m	102,00
IC-DB26-Extrig-USB2	Interface Y-cable AvaSpec-USB2 to external trigger push button and AvaLight-S with shutter, 2 m	143,00
IC-DB26-FOS2-2	Interface Y-cable AvaSpec-USB2 platform to FOS-2 and AvaLight-S with shutter, 2 m	153,00
New IC-DB26-BEAM-2	Interface cable (2 meters long) (for BSC-DA)	77,00
IC-USB2-2	USB2 Interface cable AvaSpec-USB2 to USB port on PC, 2 m	30,00
IC-COAX-SMB-0.25	Synchronization coax cable with 2 SMB connectors 0.25 m for AvaSpec USB2 platform	52,00
NL-calibration	Non-linearity calibration service (per channel)	103,00
Spectral-cal-service	Spectral calibration service for an AvaSpec, including calibration sheet	155,00
AvaSpec-upgrade	AvaSpec (< 3 years old) upgrade (per channel), change in grating, options (add price of additional options)	361,00



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SPECTROMETER SYSTEMS		
	Raman System	
AvaRaman-785-USB2	Raman System, includes 500 mW 785 nm diode laser, AvaSpec-ULS2048L-USB2, grating SI (100-3500 cm ⁻¹), slit-50, DCL-UV/VIS, AvaSoft-Raman software and 785 nm laser safety goggles	12.257,00
AvaRaman-785TEC-USB2	Raman System, includes 500 mW 785 nm, TE-controlled diode laser, AvaSpec-ULS2048L-TEC-USB2, grating SI (100-3500 cm ⁻¹), slit-25, DCL-UV/VIS, AvaSoft-Raman software and 785 nm laser safety goggles	14.935,00
Ava-Raman-532-USB2	Raman System, includes 50 mW 532 nm diode laser, AvaSpec-2048L-USB2, grating NC (100-5400 cm ⁻¹), slit-50, DCL-UV/VIS, AvaSoft-Raman software and 532 nm laser safety goggles	12.257,00
AvaRaman-532TEC-USB2	Raman System, includes 50 mW 532 nm diode laser, AvaSpec-ULS2048L-TEC-USB2, grating NC (100-5400 cm ⁻¹), slit-25, DCL-UV/VIS, AvaSoft-Raman software and 532 nm laser safety goggles	14.935,00
AvaRaman-PRB-XXX	3/8" Standard low cost fiber optic Raman focusing probe, specify Xxx = excitation wavelength	2.565,00
AvaRaman-PRB-FP-XXX	1/2" SS focusing probe with 100 µm excitation and 200 µm read fiber, specify Xxx = excitation wavelength	4.625,00
AvaRaman-PRB-FIP-XXX	5/8" SS focusing probe for in-situ measurements with 100 µm excitation and 200 µm read fiber, specify Xxx = excitation wavelength	7.159,00
AvaRaman-PRB-FC-XXX	3/8" SS focusing probe for in-situ measurements with 100 µm excitation and 200 µm read fiber (500 degr. C and 3000 psi), specify Xxx = excitation wavelength	9.260,00
AvaRaman-SH-3/8"	Rugged sample holder for secure positioning of 3/8" Raman probes	814,00
AvaRaman-SH-1/2"	Rugged sample holder for secure positioning of 1/2" Raman probes	814,00
AvaRaman-Calibrationtile	PTFE white tile for 3/8" Raman probe holder	299,00
New	AvaRaman-XHS-785TEC	30.896,00
	Supreme: Triple stage TEC cooled preconfigured Extreme High Sensitivity spectrometer optimized for Raman spectroscopy at 785nm, includes laser, safety glasses and AvaSoft-Raman.	

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SOFTWARE		
AvaSoft-Basic	Basic spectrometer software for Windows XP through 8 for Avantes spectrometers.	153,00
AvaSoft-Full	Upgrade from AvaSoft-Basic to AvaSoft-Full software for Windows XP through 8 for Avantes spectrometers, includes Avasoft-XLS	205,00
AvaSoft-All	Upgrade from AvaSoft-Basic to AvaSoft-All software including applications Color, Irradiance, Chemometrics, Excel and Process Control for Windows XP through 8 for Avantes spectrometers	411,00
AvaSoft-COL	Color application add-on software, to be ordered with AvaSoft-Full	102,00
AvaSoft-IRRAD	Irradiance application add-on software, to be ordered with AvaSoft-Full	102,00
AvaSoft-CHEM	Chemometry application add-on software for concentration measurements, to be ordered with AvaSoft-Full	102,00
AvaSoft-PROC	Process control application add-on software, to be ordered with AvaSoft-Full. Controls 8 on-board TTL output signals	102,00
AvaSoft-FOM	Fiber optic multiplexer integration stand-alone software	411,00
AvaSoft-Raman	Raman stand-alone software for the AvaRaman system	411,00
AvaSoft-Thinfilm	Thinfilm stand-alone software for the AvaThinfilm system	1.025,00
TFFProbe	Thinfilm multilayer measurement software	on request
Panorama-Pro	Spectroscopic mathematic dataprocessing software package, 2D/3D display	on request
Panorama-Search	Add-on to Panorama Pro, including library module & spectrum search module	on request
Panorama-Quantify	Add-on to Panorama Pro, including multivariate data analysis with PLS, MLR	on request
Panorama-Raman	Add-on to Panorama Pro, including Raman interpretation and functional group assignment	on request
Panorama-Security	Add-on to Panorama Pro, full 21 CFR part 11 compliance. Ideal for FDA/GXP regulated environments	on request
AvaLIBS-Specline-A	Spectroscopy software for peak finding and identifying spectral lines, complete version with database for atoms and ions according to list	on request
AvaLIBS-Specline-AM	Spectroscopy software for peak finding and identifying spectral lines and molecular bands, complete version with data base for atoms, molecules and ions	on request
AvaLIBS-Specline-AMS	Spectroscopy software for peak finding and identifying spectral lines and molecular bands, complete version with data base for atoms, molecules, extended by many special molecules (e.g. molecular hydrogen and polyatomic molecules)	on request
AS-5216-DLL	Interface 32- and 64-bit DLL package for AvaSpec-USB2 platform for Windows XP through 8, including sample programs	411,00
FOM-DLL	Interface DLL driver package for FOM fiber optic multiplexer for Windows XP through 8, including sample programs for C++, Delphi and Labview	205,00
COLOR-DLL	32-bit DLL for Windows XP through 8 to calculate L*, a*, b* etc color coefficients	205,00
IRRAD-DLL	32-bit DLL for Windows XP through 8 for irradiance/LED applications	205,00



Avantes Pricelist 2015

Price (€)

LIGHT SOURCES			
	AvaLight-DHc	Compact Deuterium-Halogen light source 200-2500 nm with TTL-shutter, needs PS-12V/1.0A (not included)	1.597,00
	AvaLight-DHc-RM	Compact rackmount Deuterium-Halogen light source 200-2500 nm with TTL-shutter	1.535,00
	AvaLight-DHc-B	Compact Deuterium-Halogen replacement bulb	510,00
New	AvaLight-HAL-Mini	10W Tungsten Halogen Lamp, fan-cooled, needs extra PS-12V/2.08A power supply.	556,00
New	AvaLight-HAL-S-Mini	10W Tungsten Halogen Lamp, fan-cooled, including shutter, needs extra PS-12V/2.08A power supply.	814,00
New	AvaLight-HAL-S-MINI-RM	Avalight-HAL-S-Mini in rackmount version	917,00
New	AvaLight-HAL-S-MINI-RM-DUAL	Dual Avalight-HAL-S-Mini in rackmount version	1.597,00
New	AvaLight-HAL-S-MINI-IND	10W Tungsten Halogen Lamp, fan-cooled, including shutter, includes PS-12V/2.08A power supply. With Industrial connector.	922,00
New	AvaLight-HAL-B-Mini	Replacement bulb for Avalight-HAL-(S)-Mini	30,00
New	DONGLE-Mini-H	Dongle for external highpower setting	30,00
New	DONGLE-Mini-L	Dongle for external longlife setting	30,00
	GL-XXX-Y	External glass filter 50x50xY mm for lamp or filter holder	50,00
	GL-BG28-Y	External glass filter BG28 50x50xY mm for lamp or filter holder	133,00
	AvaLight-D-S	Deuterium light source, 215-400 nm, including TTL shutter, -SR fibers needed	2.364,00
	AvaLight-DH-S	Deuterium-Halogen light source, 215-2500 nm, including TTL shutter, -SR fibers needed	2.467,00
	AvaLight-D-S-DUV	Deep-UV Deuterium light source, 190-400 nm, including TTL shutter, -SR fibers needed	2.467,00
	AvaLight-DH-S-DUV	Deep-UV Deuterium-Halogen light source, 190-2500 nm, including TTL shutter, -SR fibers needed	2.570,00
	AvaLight-DH-S-DUV-LL	Deep-UV Deuterium-Halogen light source, long-life 2000 hrs, 190-2500 nm, including TTL shutter, -SR fibers needed	2.673,00
	AvaLight-D-B	Replacement Deuterium bulb for AvaLight-D/AvaLight-DH light source	613,00
	AvaLight-D-B-DUV	Replacement deep-UV Deuterium bulb for AvaLight-D/AvaLight DH light source	716,00
	AvaLight-D-B-DUV-LL	Long life 2000 hrs, replacement deep-UV Deuterium bulb for AvaLight-D/AvaLight-DH light source	819,00
	AvaLight-DH-B	Replacement 5W Halogen bulb for AvaLight-DH light source and AvaSphere-50-LS-HAL	15,00
New	AvaLight-HAL-B-5W	5W, Tungsten Halogen Replacement bulb for AvaSphere-50-LS-HAL	30,00
	AvaLight-D-S-BAL	Balanced Deuterium light source, 215-450 nm, including TTL shutter, -SR fibers needed	2.879,00
	AvaLight-DH-S-BAL	Balanced Deuterium-Halogen light source, 215-2500 nm, including TTL shutter, -SR fibers needed	2.982,00
	AvaLight-DH-S-BAL-DUV	Deep-UV balanced Deuterium-Halogen light source, 190-2500 nm, including TTL shutter, -SR fibers needed	2.982,00
	AvaLight-DH-S-BAL-DUV-LL	Long Life 2000 hrs., deep-UV balanced Deuterium-Halogen light source, 190-2500 nm, including TTL shutter, -SR fibers needed	2.982,00
	DH-S-BAL upgrade	Upgrade existing AvaLight-DH-S to an AvaLight-DH-S-BAL balanced Deuterium-Halogen light source, 215-2000 nm	1.025,00
	Avalight-XE	Xenon light source (200-1000 nm), needs interface cable and extra PS-12V/1.0A power supply	1.025,00
	Avalight-XE-DUV	Xenon light source for DUV (160-1000 nm), needs interface cable and extra PS-12V/1.0A power supply	1.231,00
	Avalight-XE-RM-U2	Rack mounted Xenon light source (200-1000 nm) for combination with USB2 spectrometer, needs interface cable and PS-12V/1.0A (not included)	1.163,00
	Avalight-XE-B	Spare bulb for the Avalight-XE (200-1000 nm)	386,00
	Avalight-XE-B-DUV	Spare bulb for the Avalight-XE-DUV (160-1000 nm)	567,00
New	AvaLight-HAL-CAL-MINI	Halogen Light Source calibrated against NIST traceable standard with CC-VIS/NIR diffuser, incl. calibrated PS-12V/2.08A	896,00
New	AvaLight-HAL-CAL-ISP30-MINI	Halogen Light source calibrated against NIST traceable standard for use with AvaSphere-30-IRRAD, incl. calibrated PS-12V/2.08A and special sphere holder bottomplate	896,00
New	AvaLight-HAL-CAL-ISP50-MINI	Halogen Light source calibrated against NIST traceable standard for use with AvaSphere-50-IRRAD, incl. calibrated PS-12V/2.08A and special sphere holder bottomplate	896,00
New	AvaLight-HAL-CAL-ISP80-MINI	Halogen Light source calibrated against NIST traceable standard for use with AvaSphere-80-IRRAD, incl. calibrated PS-12V/2.08A and special sphere holder bottomplate	1.029,00
	AvaSphere-50-LS-HAL-CAL	Radiance calibration source calibrated against NIST traceable standard, 10 mm and SMA adapter calibrated, including PS-24V/1.25A	2.256,00
	HL-Recal	AvaLight-HAL-CAL (re)calibration service	201,00
	HL-Recal-NIR	AvaLight-HAL-CAL (re)calibration service for 1100-2500 nm	258,00
	AvaLight-D-CAL	UV Deuterium light source, calibrated against NIST traceable standard, with CC-UV/VIS diffuser, -SR fibers recommended	2.467,00
	AvaLight-DH-CAL	UV/VIS Deuterium-Halogen light source calibrated against NIST traceable standard, with CC-UV/VIS diffuser, -SR fibers recommended	2.776,00
	AvaLight-DH-BAL-CAL	Balanced UV/VIS Deuterium-Halogen light source calibrated against NIST traceable standard, with CC-UV/VIS diffuser, -SR fibers recommended	3.291,00
	AvaLight-DH-CAL-ISP30	UV/VIS Deuterium-Halogen light source calibrated against NIST traceable standard, for use with AvaSphere-30-IRRAD, including special sphere holder bottomplate, -SR fibers recommended	2.776,00
	AvaLight-DH-CAL-ISP50	UV/VIS Deuterium-Halogen light source calibrated against NIST traceable standard, for use with AvaSphere-50-IRRAD, including special sphere holder bottomplate, -SR fibers recommended	2.776,00
	AvaLight-DH-CAL-ISP80	UV/VIS Deuterium-Halogen light source calibrated against NIST traceable standard, for use with AvaSphere-80-IRRAD, including special sphere holder bottomplate, -SR fibers recommended	2.776,00
	DH-Recal	AvaLight-DH-CAL (re)calibration service	402,00



Avantes Pricelist 2015

Price (€)

LIGHT SOURCES		
AvaLight-CAL	Mercury Argon calibration source, 5000 hrs, needs extra PS-12V/1.0A power supply, SMA	505,00
AvaLight-CAL-NEON	Neon calibration source, 5000 hrs, needs extra PS-12V/1.0A power supply, SMA	505,00
AvaLight-CAL-AR	Argon calibration source, 5000 hrs, needs extra PS-12V/1.0A power supply, SMA	505,00
AvaLight-CAL-RM	Rack mounted version of Mercury-Argon calibration source, SMA	556,00
AvaLight-CAL-B	Replacement bulb, 5000 hrs, Mercury-Argon	246,00
AvaLight-CAL-NEON-B	Replacement bulb, 5000 hrs, Neon	246,00
AvaLight-CAL-AR-B	Replacement bulb, 5000 hrs, Argon	256,00
AvaLight-CAL-ZINC	Zinc calibration source, 1000 hrs, including power supply, SMA	1.643,00
AvaLight-CAL-CAD	Cadmium calibration source, 1000 hrs, including power supply, SMA	1.643,00
AvaLight-CAL-ZINC-B	Zinc spare bulb, 1000 hrs	716,00
AvaLight-CAL-CAD-B	Cadmium spare bulb, 1000 hrs	716,00
AvaLight-LED-XXX	Miniature LED source, specify wavelength Xxx = 355, 380, 400, 410, 430, 450, 470, 530, 590, 780 nm, other wavelengths available on request, needs PS-12V/1.0A (not included)	608,00
AvaLight-LED-XXX-RM	Rackmount version of miniature LED source, specify wavelength Xxx = 355, 380, 400, 410, 430, 450, 470, 530, 590, 780 nm	608,00
AvaLight-LED-CON	LED light source control unit with electrical connector to LED, needs interface cable and PS-12V/1.0A (not included)	505,00
CUV-LED-XXX	LED holder for cuvette, specify LED wavelength	299,00

Avantes Pricelist 2015

Price (€)

FIBER OPTIC CABLES		
	Specify fiber type xx = UV for UV/VIS (200-800 nm); xx = IR for VIS/NIR (350-2500 nm); xx = UVIR for UV/VIS/NIR (250-2500 nm)	
FC-IR008-2	Fiber cable, 8 µm fiber, 2 m, SMA terminated	102,00
FC-UV050-2	Fiber cable, UV/VIS, 50 µm fiber, 2 m, SMA terminated	152,00
FC-IR050-2	Fiber cable, VIS/NIR, 50 µm fiber, 2 m, SMA terminated	102,00
FC-xx100-2	Fiber cable, 100 µm fiber, 2 m, SMA terminated	102,00
FC-UVIR200-2	Fiber cable, 200 µm fiber, broadband UV/VIS/NIR (250-2500 nm), 2 m, SMA terminated	118,00
FC-xx200-2	Fiber cable, 200 µm fiber, 2 m, SMA terminated	102,00
FC-UVIR400-2	Fiber cable, 400 µm fiber, broadband UV/VIS/NIR (250-2500 nm), 2 m, SMA terminated	139,00
FC-xx400-2	Fiber cable, 400 µm fiber, 2 m, SMA terminated	123,00
FC-UVIR600-2	Fiber cable, 600 µm fiber, broadband UV/VIS/NIR (250-2500 nm), 2 m, SMA terminated	205,00
FC-xx600-2	Fiber cable, 600 µm fiber, 2 m, SMA terminated	174,00
FC-xx800-2	Fiber cable, 800 µm fiber, 2 m, SMA terminated	277,00
FC-xx1000-2	Fiber cable, 1000 µm fiber, 2 m, SMA terminated	380,00
FC-UV400-1-SR-FIA	Fiber cable, 400 µm fiber, UV/VIS, SR, 1 m, 1 SMA and 1.5 mm ferrule for FIA-Z-CELL	252,00
FCB-UV050-2	Bifurcated fiber cable, 50 µm fibers, UV/VIS, 2 m, SMA terminated	355,00
FCB-IR050-2	Bifurcated fiber cable, 50 µm fibers, VIS/NIR, 2 m, SMA terminated	252,00
FCB-xx100-2	Bifurcated fiber cable, 100 µm fibers, 2 m, SMA terminated	252,00
FCB-UVIR200-2	Bifurcated fiber cable, 200 µm fibers, broadband UV/VIS/NIR (250-2500 nm), 2 m, 3x SMA	285,00
FCB-xx200-2	Bifurcated fiber cable, 200 µm fibers, 2 m, SMA terminated	252,00
FCB-UVIR400-2	Bifurcated fiber cable, 400 µm fibers, broadband UV/VIS/NIR (250-2500 nm), 2 m, 3 x SMA	308,00
FCB-xx400-2	Bifurcated fiber cable, 400 µm fibers, 2 m, SMA terminated	283,00
FCB-UVIR600-2	Bifurcated fiber cable, 600 µm fibers, broadband UV/VIS/NIR (250-2500 nm), 2 m, 3 x SMA	411,00
FCB-xx600-2	Bifurcated fiber cable, 600 µm fibers, 2 m, SMA terminated	355,00
FC3-UVIR200-2	Trifurcated cable, 3x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	407,00
FC3-UVIR400-2	Trifurcated cable, 3x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	510,00
FC3-UVIR600-2	Trifurcated cable, 3x600 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	716,00
FC4-UVIR200-2	Four-furcated cable, 4x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	510,00
FC4-xx200-2	Four-furcated cable, 4x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	453,00
FC4-UVIR400-2	Four-furcated cable, 4x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	613,00
FC4-xx400-2	Four-furcated cable, 4x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	556,00
FC4-UVIR600-2	Four-furcated cable, 4x600 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	923,00
FC4-xx600-2	Four-furcated cable, 4x600 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	814,00
FC5-UVIR200-2	Five-furcated cable, 5x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	613,00
FC5-xx200-2	Five-furcated cable, 5x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	556,00
FC5-UVIR400-2	Five-furcated cable, 5x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	793,00
FC5-xx400-2	Five-furcated cable, 5x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	711,00
FC6-UVIR200-2	Six-furcated cable, 6x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	760,00
FC6-xx200-2	Six-furcated cable, 6x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	659,00
FC6-UVIR400-2	Six-furcated cable, 6x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	917,00
FC6-xx400-2	Six-furcated cable, 6x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	814,00
FC8-UVIR200-2	Eight-furcated cable, 8x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	1.020,00
FC8-xx200-2	Eight-furcated cable, 8x200 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	917,00
FC8-UVIR400-2	Eight-furcated cable, 8x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, broadband UV/VIS/NIR (250-2500 nm)	1.226,00
FC8-xx400-2	Eight-furcated cable, 8x400 µm fibers, all legs SMA terminated, total 2 m, splitting point in the middle, specify xx = UV or IR or UVIR	1.123,00
FCRL-7xx100-2	Round to linear fiber cable, 7x100 µm fibers, 2 m, SMA terminated	299,00
FCRL-4xx200-2	Round to linear fiber cable, 4x200 µm fibers, 2 m, SMA terminated	299,00

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Price (€)

-BX	Flexible full interlocking stainless steel sheathing 6 mm OD, add per meter	20,00
-ME	Flexible chrome plated brass sheathing 5 mm OD, add per meter	15,00
-MS	Flexible metal sheathing with silicone cover, IP67, add per meter	46,00
-HT	High temperature (max 200 drg. C) for all metal sheathing cables and probes	47,00
-FX	Form Holding Interlocked Tube 6mm OD : Add per meter	46,00
-SR (UV100)	Solarization resistant fiber for DUV applications, 100 µm only, add per meter	6,00
-SR (UV200)	Solarization resistant fiber for DUV applications, 200 µm only, add per meter	5,00
-SR (UV400)	Solarization resistant fiber for DUV applications, 400 µm only, add per meter	8,00
-SR (UV600)	Solarization resistant fiber for DUV applications, 600 µm only, add per meter	21,00
-SR (UV800)	Solarization resistant fiber for DUV applications, 800 µm only, add per meter	52,00
-ST	ST connector terminated instead of standard SMA-905, per connector extra	16,00
-FC/PC	FC/PC connector terminated instead of standard SMA-905, per connector extra	34,00

FIBER OPTIC PROBES		0,00
FCR-7UVIR200-2-ME	Reflection probe, 6 illumination, 1 read fiber, 200 µm fibers with flexible metal sheathing, broadband UV/VIS/NIR (250-2500 nm)	510,00
FCR-7xx200-2-ME	Reflection probe, 6 illumination, 1 read fiber, 200 µm fibers with flexible metal sheathing	407,00
FCR-7UVIR400-2-ME	Reflection probe, 6 illumination, 1 read fiber, 400 µm fibers with flexible metal sheathing, broadband UV/VIS/NIR (250-2500 nm)	716,00
FCR-7xx400-2-ME	Reflection probe, 6 illumination, 1 read fiber, 400 µm fibers with flexible metal sheathing	613,00
FCR-19UVIR200-2-ME	Reflection probe, 17 illumination, 2 read fibers in separate legs, SMA, metal sheathing, broadband UV/VIS/NIR (250-2500 nm)	1.025,00
FCR-19xx200-2-ME	Reflection probe, 17 illumination, 2 read fibers in separate legs, SMA, metal sheathing	716,00
FCR-90-OPTION	90° Reflection add-on reflector for use with all 1/4" Reflection probes	201,00
FCR-COL-UV/VIS	Adjustable UV/VIS/NIR collimating/focusing lens	201,00
FCR-7UV400C-2-ME-HTX	Reflection probe with 7x400µm UV/Vis fibers, 2 meters long, common part with 6, 35x50mm stainless steel ferrule, metal protective sleeve and SMA connectors (HTX up to 700 degr., max 100 bar)	1.746,00
FCR-14UVIR200-2-REF-ME	Reflection probe with reference, 2 m, SMA terminated, with flexible metal sheathing, broadband UV/VIS/NIR (250-2500 nm)	994,00
FCR-14xx200-2-REF-ME	Reflection probe with reference, 2 m, SMA terminated, with flexible metal sheathing	819,00
FCR-7UVIR200-2-1.5x100	Reflection probe, 6+1 fibers, 1.5x100 mm tip, 2 m, broadband UV/VIS/NIR (250-2500 nm)	572,00
FCR-7xx200-2-1.5x100	Reflection probe, 6+1 fibers, 1.5x100 mm tip, 2 m	458,00
FCR-7UVIR200-2-2.5x100	Reflection probe, 6+1 fibers, 2.5x100 mm tip, 2 m, broadband UV/VIS/NIR (250-2500 nm)	572,00
FCR-7xx200-2-2.5x100	Reflection probe, 6+1 fibers, 2.5x100 mm tip, 2 m	458,00
FCR-7UV100-2-1x25	Reflection probe for AFH-ocular, 6+1 UV/VIS fibers, 1.0 x 25 mm tip, 2 m	434,00
FCR-7UVIR200-2-45-ME	Reflection probe, 45 degr. window for liquids and powders with flexible metal sheathing, broadband UV/VIS/NIR (250-2500 nm)	783,00
FCR-7xx200-2-45-ME	Reflection probe, 45 degr. window for liquids and powders with flexible metal sheathing	664,00
FCR-7UVIR200-2-45-IND	1/2" reflection probe, 45 degr. window for liquids and powders with flexible metal sheathing, broadband UV/VIS/NIR (250-2500 nm)	1.025,00
FCR-7xx200-2-45-IND	1/2" reflection probe, 45 degr. window for liquids and powders with flexible metal sheathing	922,00
FCR-TIP45	1/2" replacement tip with 45 degr. window for liquids and powders	304,00
FCR-UV200/600-2-IND	1/2" reflection probe for fluorescence applications	1.128,00
FCR-FLTIP-IND	Fluorescence reflector accessory for 1/2" FCR-45-IND probes	438,00
FDP-UV-micro-yy-SR	1/16" micro dip probe, specify spacing yy = 1, 2.5 or 5 mm optical path = 2 * spacing, solarization resistant fibers	1.003,00
FDP-2UVIR200-2-5-mini	1/8" mini dip probe, 5 mm spacing, 10 mm path length, broadband UV/VIS/NIR (250-2500 nm), 2 m	752,00
FDP-2xx200-2-5-mini	1/8" mini dip probe, 5 mm spacing, 10 mm path length, specify xx = UV (UV/VIS) or IR (VIS/NIR), 2 m	716,00
FDP-7UVIR200-2-yy	Transmission dip probe, specify tip spacing yy = 1, 2.5 or 5 mm (optical path=2*yy), metal sheat, broadband UV/VIS/NIR (250-2500 nm)	922,00
FDP-7xx200-2-yy	Transmission dip probe, specify tip spacing yy = 1, 2.5 or 5 mm (optical path=2*yy), metal sheat	819,00
FDP-TIP-yy	Replacement tip for dip probe, specify tip spacing yy = 1, 2.5 or 5 mm	252,00
FDP-14UVIR200-2-yy-REF-ME	Transmission dip probe with reference, specify tip spacing yy = 1, 2.5 or 5 mm (optical path=2*yy), broadband UV/VIS/NIR (250-2500 nm)	1.303,00
FDP-14xx200-2-yy-REF-ME	Transmission dip probe with reference, specify tip spacing yy = 1, 2.5 or 5 mm (optical path=2*yy)	1.128,00
FDP-7UVIR200-2-VAR	Transmission dip probe with variable tip length (0.25-10 mm (optical path=0.5-20 mm)), broadband UV/VIS/NIR (250-2500 nm)	1.025,00
FDP-7xx200-2-VAR	Transmission dip probe with variable tip length (0.25-10 mm (optical path=0.5-20 mm))	922,00
FDP-7UVIR200-2-VAR-PK	Transmission dip probe in PEEK with variable tip length (0.25-10 mm (optical path=0.5-20 mm)), broadband UV/VIS/NIR (250-2500 nm)	1.334,00
FDP-7xx200-2-VAR-PK	Transmission dip probe in PEEK with variable tip length (0.25-10 mm (optical path=0.5-20 mm)), broadband UV/VIS/NIR (250-2500 nm)	1.231,00
FDP-14UVIR200-2-VAR-REF-ME	Transmission dip probe with variable tip length with reference (0.25-10 mm (optical path=0.5-20 mm)), broadband UV/VIS/NIR (250-2500 nm)	1.509,00
FDP-14xx200-2-VAR-REF-ME	Transmission dip probe with variable tip length with reference (0.25-10 mm (optical path=0.5-20 mm)), broadband UV/VIS/NIR (250-2500 nm)	1.334,00
FDP-TIP-VAR	Replacement stainless steel tip for transmission dip probe with variable tip length	304,00
FDP-TIP-VAR-PEEK	Replacement PEEK tip for Transmission dip probe with variable tip length	458,00



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Price (€)

FIBER OPTIC ACCESSORIES		
COL-UV/VIS	Collimating lens for UV/VIS/NIR, including SMA adapter, adjustable focus	112,00
COL-UV/VIS-FC/PC	Collimating lens for UV/VIS/NIR, including FC/PC adapter, adjustable focus	133,00
COL-90-UV/VIS	Right angle collimating lens for UV/VIS/NIR, including SMA connector	308,00
COL-UV/VIS-25	Collimating lens 25 mm for UV/VIS/NIR, including SMA adapter and adjustable focus	510,00
CC-UV/VIS	Cosine corrector for UV/VIS with SMA coupling	143,00
CC-UV/VIS/NIR-5.0	Cosine corrector with radin diffusing material for UV/VIS/NIR, special 5.0 degrees aperture, SMA coupling	1.288,00
CC-VIS/NIR	Cosine corrector radin for UV/VIS/NIR with SMA coupling	205,00
CC-UV/VIS/NIR-8MM	Cosine corrector with radin diffusing material for UV/VIS/NIR, 8 mm active area, SMA	256,00
CC-DA-4.5	Direct attach cosine corrector for all SMA AvaSpecs with radin diffusing material for UV/VIS/NIR, 4.5 mm	256,00
FC-VFT-xx050	Vacuum feedthrough for 50 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
FC-VFT-xx100	Vacuum feedthrough for 100 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
FC-VFT-UVIR200	Vacuum feedthrough for 200 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
FC-VFT-UVIR400	Vacuum feedthrough for 400 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
FC-VFT-UVIR600	Vacuum feedthrough for 600 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
FC-VFT-xx800	Vacuum feedthrough for 800 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
FC-VFT-xx1000	Vacuum feedthrough for 1000 µm fibers, including SMA adapter, needs 2 extra SMA interconnects	256,00
MMA1-UV/VIS-SMA	UV/VIS homogenizer / mode stripper, 1 mm diameter for SMA connectors	308,00
MMA3-UV/VIS-SMA	UV/VIS homogenizer / mode stripper, 3 mm diameter for SMA connectors	308,00
AVS-MFA-SMA	C-mount adapter for Olympus, SMA connector	196,00
AVS-CMOUNT-SMA	C-mount adapter, SMA connector	196,00
AVS-CMOUNT-FCPC	C-mount adapter, FC/PC connector	196,00
RPH-1	Reflection probe holder for straight or 45 degree measuring	92,00
AFH-15	Angled fiber probe holder for measuring under different angles, needs 1.5 mm ferrule fibers	256,00
FC-UV200-2-1.5x40	Fiber cable, 200 µm UV/VIS fiber, 2 m, one end with SMA connector, other end with stainless steel ferrule, OD=1.5 mm x 40 mm	201,00
AFH-Ocular	Angled fiber probe holder for precise measurements under 45 degrees, including ocular. Needs FCR-7UV100-2-1x25	510,00
FCR-7UV100-2-1x25	Reflection probe with 7x100 µm UV/VIS fibers to 1x25 mm stainless steel ferrule, 2 meter long with PVC/Kevlar protection sleeve and 2 SMA connectors	434,00
Transmission Stage	Transmission and reflection stage, 420 mm high	2.158,00
ME-FI-SM-MM	SMA fiber interconnect, panel mountable	10,00
ME-FI-ST-MM	ST fiber interconnect, panel mountable	10,00
ME-FI-FCPC-MM	FC/PC fiber interconnect, panel mountable	30,00
ME-SM-BC	SMA to TO18 adapter	25,00
ME-SM-BC-S	SMA to TO5 adapter	20,00
ME-ST-BC	ST bulkhead adapter	14,00
ME-FCPC-BC	FC/PC bulkhead adapter	30,00

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Price (€)

ACCESSORIES			
	AvaGigE	USB to Ethernet converter with controlling software	510,00
New	BSC-DA	Direct-Attach Beam Splitter / Combiner, includes IC-DB26-BEAM-0.6 (0.6 m interface cable), needs extra PS-5V / 1.1 A power supply	1.334,00
	CUV-UV/VIS	Cuvette holder, 10 mm path, includes 2 UV/VIS/NIR collimating lenses and cover	458,00
	CUV-FL-UV/VIS	Cuvette holder, 10 mm path, with fluorescence port, 2 UV/VIS/NIR lenses, 2 coated mirrors and cover	613,00
	CUV-ALL-UV/VIS	Cuvette holder, 10 mm path, 2 beams, 4 x UV/VIS/NIR collimating lenses and cover	819,00
	CUV-FL-MIRROR	SiO ₂ coated aluminum mirror	72,00
	CUV-10-2	Quartz cuvette 10 mm, 2 windows, 3.5 ml	62,00
	CUV-10-4	Quartz cuvette 10 mm, 4 windows, 3.8 ml	237,00
	CUV-UV/VIS-TC-ABS	Absorbance kit. Price includes qpod sample compartment, TC 125 temperature controller, two QCL-UV collimating lenses, BATH 100 submersible pump, QSLITS optical slits, cover with access cap, tubing, cables and a stir bar, and Q-Blue control software	3.574,00
	CUV-UV/VIS-TC-FL	Fluorescence kit. Price includes qpod sample compartment, TC 125 temperature controller, two QILUV imaging lenses and 2 QMP mirror plugs, BATH 100 submersible pump, QSLITS optical slits, cover with access cap, tubing, cables and a stir bar, and Q-Blue control software	4.063,00
	CUV-UV/VIS-TC-ABS/FL	Absorbance & fluorescence kit. Price includes qpod sample compartment, TC 125 temperature controller, two QCL-UV collimating lenses, 2 QILUV imaging lenses and 2 QMP mirror plugs and 2 QMP mirror plugs, BATH 100 submersible pump, QSLITS optical slits, cover with access cap, tubing, cables and a stir bar, and Q-Blue control software	4.419,00
	CUV-UV/VIS-TC-AVXE	Base plate and support with AR-coated fused silica lens pair for excitation using the AvaLight-XE pulsed Xenon light sources	494,00
	CUV-TC-QCL-UV	AR coated fused silica collimating lens for temperature controlled cuvette holder	201,00
	CUV-TC-QIL-UV	AR coated fused silica imaging lens for temperature controlled cuvette holder	304,00
	CUV-TC-QMP	Spherical mirror plate with steering plate for CUV-UV/VIS-TC	134,00
	CUV-TC-QFH	Filter holder for CUV-UV/VIS-TC	62,00
	FH-DA	Direct-attach filter holder for 13 mm diameter filters, 1-8 mm thick, including one UV/VIS collimating lens for AvaLight-DHc/XE/LED mounting	299,00
New	FH-DA-HAL-MINI	Direct-attach Filter Holder for 13 mm diameter filters, 1-8 mm thick, incl. one UV/VIS collimating lens for AvaLight-HAL mounting	290,00
	GL-XXX-3-12	External glass filter 12 mm round, 3 mm thick for FH-Inline (see table page 140)	50,00
	GL-BG28-3-12	External glass filter BG28 12 mm round, 3 mm thick for FH-Inline	102,00
	CUV-DA	SMA screw-on 10 mm cuvette holder for AvaLight-DHc/XE/LED, including COL-UV/VIS lens and 2 mirrors	505,00
	CUV-DA-DHS	Direct attached 10 mm cuvette holder for AvaLight-DH(S), including COL-UV/VIS lens and 2 mirrors	505,00
New	CUV-DA-HAL-MINI	Direct attachment 10 mm cuvette holder for AvaLight-HAL(S), incl. COL-UV/VIS lens and 2 mirrors	490,00
	ATT-DA	Direct-attached fiber-optic attenuator for AvaLight-DHc/XE/LED, 0-100%, SMA connector	541,00
New	ATT-DA-HAL-MINI	Direct-attach Fiber-optic Attenuator for AvaLight-HAL(S), 0-100%, SMA connector	525,00
	CUV-ATT-DA	Direct attached cuvette holder including attenuator for AvaLight-DHC, AvaLight-XE and AvaLight-LED	1.020,00
New	CUV-ATT-DA-HAL-MINI	Direct attached cuvette holder incl. attenuator for AvaLight-HAL(S)	990,00
	FH-INL	In-line filter holder for filters up to 1/2" diameter and 1-8 mm thickness, including 2 COL-UV/VIS	299,00
	FH-INL-1"	In-line filter holder for 1" filters, max 60 mm optical path, including 2 collimating lenses and SMA connectors	716,00
New	ATT-INL-EXT	In-Line Fiber-optic Attenuator. Connections: 2 x SMA. Attenuation: 0-100%. Control: manual lever and fixation screw.	525,00
	CUV-VAR-UV/VIS	Cuvette holder with variable path length 0-100 mm path, includes 2 COL-UV/VIS lenses	1.329,00
	AvaSphere-30-IRRAD	Sphere 30 mm for light measurements (250-2500 nm), sample port 6 mm, 1 SMA port	1.329,00
	AvaSphere-50-IRRAD	Sphere 50 mm for light measurements (250-2500 nm), sample port 10 mm, 1 SMA port	1.638,00
	AvaSphere-80-IRRAD	Sphere 80 mm for light measurements (250-2500 nm), sample port 15 mm, 1 SMA port	2.050,00
	AvaSphere-30-REFL	Integrating sphere 30 mm for reflection (250-2500 nm), sample port 6 mm diameter, 2 SMA ports (illuminance & reflectance)	1.432,00
	AvaSphere-50-REFL	Integrating sphere 50 mm for reflection (250-2500 nm), sample port 10 mm diameter, 2 SMA ports (illuminance & reflectance)	1.741,00
	AvaSphere-80-REFL	Integrating sphere 80 mm for reflection (250-2500 nm), sample port 15 mm diameter, 2 SMA ports (illuminance & reflectance)	2.256,00
	AvaSphere-LED-ADR	Cylindrical adapter to hold 3, 5, 8 mm LEDs inside the AvaSphere-50-IRRAD	102,00
	AvaSphere-LED-ADR-80	Cylindrical adapter to hold 3, 5, 8 mm LEDs inside the AvaSphere-80-IRRAD	102,00
	AvaSphere-GT50	Optional gloss-trap 10 mm for AvaSphere-50-REFL, coated with black absorbing material	205,00
	AvaSphere-GT-50-0-W	Gloss-trap 10 mm for AvaSphere-50-REFL, coated with white material to include specular reflection	205,00
	AvaSphere-50-HOLD	WS-2-GEM tile holder for AvaSphere-50-REFL/LS-HAL for gemology applications	152,00
New	AvaSphere-50-LS-HAL-12V	Integrating sphere 50 mm for reflection(360-2500nm), including 5W halogen lightsource, sample port 10 mm diam., 2 SMA ports (reflection and reference), 12V power supply, Switching Line	2.050,00
	AvaSphere-100	Integrating sphere, 100 mm, 3 ports (0, 90, NP), 1 baffled SMA port, including post mount	1.906,00
	AvaSphere-100-SMA	Additional SMA port for the AvaSphere-100	258,00
	AvaSphere-100-PR10	Port reducer for the AvaSphere-100 to 10 mm	361,00
	AvaSphere-100-PP	Port plug for unused ports for the AvaSphere-100	144,00
	AvaSphere-150	Integrating sphere, 150 mm, 3 ports (0, 90, NP), 1 baffled SMA port, including post mount	2.524,00
	AvaSphere-150-SMA	Additional SMA port for the AvaSphere-150	258,00
	AvaSphere-150-PR10	Port reducer for the AvaSphere-150 to 10 mm	361,00
	AvaSphere-150-PP	Port plug for unused ports for the AvaSphere-150	144,00
	AvaSphere-200	Integrating sphere, 200 mm, 3 ports (0, 90, NP), 1 baffled SMA port, including post mount	4.635,00
	AvaSphere-200-SMA	Additional SMA port for the AvaSphere-200	258,00
	AvaSphere-200-PR10	Port reducer for the AvaSphere-200 to 10 mm	361,00
	AvaSphere-200-PP	Port plug for unused ports for the AvaSphere-200	144,00



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Price (€)

ACCESSORIES			
	ILEDA-TUBE	LED intensity tube, condition A (316 mm, 0.001 sr), including AvaSphere	2.833,00
	ILEDB-TUBE	LED intensity tube, condition B (100 mm, 0.01 sr), including AvaSphere	2.575,00
	ILED-Adapter-T1 3/4	LED adapter for 5 mm LEDs	819,00
	CLH-VAR-UV/VIS	Variable collimating lens holder, including 2 COL-UV/VIS collimating lenses	819,00
	OPM	Optical post mount	133,00
	AvaTripod	Tripod with COL-UV/VIS thread and 6.8 mm hole for FCR and CC-UV/VIS	164,00
	AvaTrigger-USB2	External trigger box, with optical entrance for USB2 platform, including IC-DB26-2	510,00
	FOS-1-Inline	In-line fiber optic switch, one optical path, including 2 COL-UV/VIS, needs 24V power supply (not included)	1.231,00
	FOS-2-Inline	In-line fiber optic switch, 2 optical path, including 4 COL-UV/VIS, needs 24V power supply (not included)	1.334,00
	IC-DB26-FOS2-2	Interface Y-cable AvaSpec-USB2 platform to FOS-2 and AvaLight-S with shutter, 2 m	164,00
	FOM-UVIR400-1x16	Fiber optic multiplexer, 1 x 16 channels, 400 µm, UV/VIS/NIR	7.159,00
	FOM-UVIR400-2x8	Fiber optic multiplexer, 2 x 8 channels, 400 µm, UV/VIS/NIR	7.159,00
	FOM-UVIR400-4x4	Fiber optic multiplexer, 4 x 4 channels, 400 µm, UV/VIS/NIR	7.159,00
	FOPFC-XX-YY	Fiber optic process flow cell, base price without options, specify xx = OPL, yy = line size	3.863,00
	Flowcell-1/4"	Flow cell 1/4" with variable SMA adapter, 5 mm path length, including 2 UV/VIS/NIR lenses	613,00
	Flowcell-1/2"	Flow cell 1/2" with variable SMA adapter, 10 mm path length, including 2 UV/VIS/NIR lenses	819,00
	Flowcell-1"	Flow cell 1" with variable SMA adapter, 20 mm path length, including 2 UV/VIS/NIR lenses	1.128,00
	Flowcell-1/4"-FL	Fluorescence flow cell 1/4" with 2 SMA adapters, including 1 UV/VIS/NIR lens	922,00
	Flowcell-1/4"-5-HPHT	Flow cell for gasses and liquids 1/4", 5 mm optical path length with SMA adapter, including 2 UV/VIS/NIR lenses, high pressure 200 bar, high temp 200 degr C.	876,00
	Flowcell-1/4"-50-HPHT	Flow cell for gasses and liquids 1/4", 50 mm optical path length with SMA adapter, including 2 UV/VIS/NIR lenses, high pressure 200 bar, high temp 200 degr C.	1.391,00
	Flow-cell-Z-10	Flow cell with 10mm optical path, ID 1.5 mm, needs 2 pcs FC-UV400-1-SR-FIA fibers	384,00
	Flow-cell-1.5	Flow cell with 1.5 mm optical path, ID 1.5 mm, needs 2 pcs FC-UV400-1-SR-FIA fibers	389,00
	RS-2	Specular reflectance standard with Al-MgF2, 200-2500 nm	402,00
	RS-2-CAL	Specular reflectance standard with Al-MgF2, 250-2500 nm	814,00
	WS-2	White reference tile for reflectance measurements	263,00
	WS-2-CAL	NIST traceable calibrated white reference tile with 8° hemispherical calibration	819,00
	WS-2-GEM	White reference tile with 10 mm radius hole, specially for gemstone measurement	361,00
New	PS-5V/1.1A	Power Supply for BSC-DA	31,00
	PS-12V/1.0A	Power supply 100-240VAC/12VDC, 1.0A, necessary for AvaLight-XE, AvaLight-DHc, AvaLight-LED, AvaLight-CAL, europlug standard, otherwise please specify -UK, -US, -AUS	40,00
New	PS-12V/2.08A	Power Supply for AvaLight-HAL-(S)-Mini	57,00
	PS-24V/1.25A	Power supply 100-240VAC/24VDC, 1.25A, necessary for AvaLight-HAL, europlug standard, otherwise please specify -UK, -US, -AUS	82,00
	Batterypack-5+12V/13Ah	Battery pack 5 and 12VDC, 13Ah	860,00
	Batterypack-5+12V/13Ah-RM	Battery pack 5 and 12VDC, 13Ah, rackmounted version	860,00
	Batterypack-12V/1.5Ah	Battery pack 12VDC, 1500mAh	427,00
	Batterypack-12V/1.5Ah-RM	Battery pack 12VDC, 1500mAh, rackmounted version	427,00
	Batterypack-24V/3.2Ah	Battery pack 24VDC, 3200mAh	752,00
	Batterypack-24V/3.2Ah-RM	Battery pack 24VDC, 3200mAh, rackmounted version	752,00
	Batterypack-charger 5V/2.5A	Charger for battery pack 5VDC, input 100-240VAC, 2.5A, europlug standard, otherwise please specify -UK, -US, -AUS	107,00
	Batterypack-charger 1.0A	Charger for battery pack 12/24VDC, input 100-240VAC, 1.0A, europlug standard, otherwise please specify -UK, -US, -AUS	107,00
New		Developer Kit consisting of:	386,00
	AVS-DEVKIT-AS5216	PCB-IO-EXT-BES Printed Circuit Board for connection to Avantes Spectrometers with AS5216 electronics boards, to easily control and connect signals to the IO connector. IC-IOEXT-DB26 connection cable to connect the board to DB26 connector.	
New		Developer Kit consisting of:	386,00
	AVS-DEVKIT-ASC5216	PCB-IO-EXT-BES Printed Circuit Board for connection to Avantes Spectrometers with ASC5216 electronics boards, to easily control and connect signals to the IO connector. IC-IOEXT-ST40 connection cable to connect the board to ST40 connector.	
New		Developer Kit consisting of:	93,00
	AVS-DEVKIT-MINI	Breakout board Board for connection to Avantes Spectrometers type AvaSpec-MiniXXXX, to easily control and connect signals to the IO connector. HDMI connection cable to connect the board to HDMI IO connector on the AvaSpec-Mini. Conversion table with connections on the breakout board.	
New	IC-ST36-2-OPEN	Interface cable 36 pole for AvaSpec-ULSi, 2 meter open end	153,00



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Price (€)

BUNDLES / APPLICATIONS			
Color Measurement Bundles			
Ava-Color-A	Color measurement bundle, consisting of AvaSpec-ULS2048-USB2, grating BB (360-780 nm), 200 µm slit, AvaSoft-Full and AvaSoft-Color, AvaLight-HAL with PS-24V/1.25A, FCR-7UV200-2 reflection probe, RPH reflection probe holder and WS-2 white reference tile	4.405,00	
Ava-Color-B	Color measurement bundle, consisting of AvaSpec-ULS3648-USB2, grating BB (360-780 nm), 100 µm slit, AvaSoft-Full and AvaSoft-Color, AvaSphere-50-LS-HAL, FC-UV200-2-ME, and WS-2 white reference tile	5.543,00	
		0,00	
	UV/VIS Absorbance Measurement System/Bundle	0,00	
New	AvaAbsorb-2048L-HAL	UV/VIS absorbance measurement system with integrated AvaSpec-ULS2048L, DUV400, slit. AvaLight-HAL, integrated dual beam cuvette holder	7.159,00
	Ava-Absorbance	UV/VIS absorbance measurement bundle, consisting of AvaSpec-ULS2048-USB2, grating UA (200-1100 nm), DUV, 25 µm slit, DCL-UV, OSC-UA, AvaSoft-Full, AvaLight-DH-S, FDP-7UV200-VAR dip probe	6.874,00
Irradiance Bundle			
Ava-Irrad-A	UV/VIS/NIR irradiance measurement bundle, consisting of AvaSpec-ULS2048-USB2, FC/PC entrance, grating UA (200-1100 nm), DCL-UV/VIS, DUV, 25 µm slit, OSC-UA, AvaSoft-Full and AvaSoft-Irrad, IRRAD-CAL-UV/VIS, FC-UVIR200-2-ME-1FC/PC, CC-VIS/NIR	4.697,00	
	IRRAD-CAL-UV	Irradiance calibration service UV range (200-400 nm) per channel, FC/PC connector recommended, including NL-calibration, needs AvaSoft-Full, AvaSoft-Irrad and -SR fibers	258,00
	IRRAD-CAL-VIS	Irradiance calibration service VIS range (360-1100 nm) per channel, FC/PC connector recommended, including NL-calibration, needs AvaSoft-Full and AvaSoft-Irrad	258,00
	IRRAD-CAL-NIR	Irradiance calibration service NIR range (1100-2500 nm) per channel, FC/PC connector recommended, including NL-calibration, needs AvaSoft-Full and AvaSoft-Irrad	258,00
	IRRAD-CAL-UV/VIS	Irradiance calibration service UV/VIS range (200-1100 nm) per channel, FC/PC connector recommended, including NL-calibration, needs AvaSoft-Full, AvaSoft-Irrad and -SR fibers	515,00
LED Measurements			
Ava-LED	LED measurement bundle, consisting of AvaSpec-ULS2048-USB2, FC/PC entrance, grating VA (350-1000 nm), 25 µm slit, DCL-UV/VIS, OSC, AvaSoft-Full and AvaSoft-Irrad, IRRAD-CAL-VIS, FC-UVIR600-2-ME-1FC/PC, AvaSphere-50-IRRAD, AvaSphere LED adapter	6.484,00	
	Ava-ILEDAB	Average LED measurement bundle for condition A and B, consisting of AvaSpec-2048-USB2, FC/PC entrance, grating VA (350-1000 nm), 25 µm slit, DCL-UV, OSC, AvaSoft-Full and AvaSoft-Irrad, IRRAD-CAL-VIS, FC-UVIR600-2-ME-1FC/PC, ILED-A and ILED-B tube, AvaSphere, 5 mm LED adapter	8.925,00
Thin Film Measurements			
Ava-Thinfilm	Thinfilm measurement bundle, consisting of AvaSpec-ULS2048-USB2, grating UA, DCL-UV/VIS, DUV coating, slit-100, OSC-UA, AvaSoft-Thinfilm, AvaLight-DHc and PS-12V/1.0A, FCR-7UV200-2-ME reflection probe, thinfilm stage and thinfilm standard	7.054,00	
	AvaSoft-Thinfilm	AvaSoft thinfilm application software	1.025,00
	Thinfilm-Stage	Stage to hold reflection probe	407,00
	Thinfilm Standard	3 Thinfilm Si-SiO2 wafer parts in housing, one reference and 2 samples, including calibration sheet	299,00
	Thinfilm Standard-Multilayer	3 Thinfilm Si-SiO2 wafer parts in housing, one reference and 2 samples with 3 and 5 layers, including calibration sheet	402,00
Coating Processes in Vacuum Chambers			
Ava-Vacuum	Vacuum measurement system, consisting of AvaSpec-ULS2048-USB2, grating UA, slit-50, DUV coating, DCL-UV, OSC-UA, AvaSoft-Full, AvaLight-DH-S, FCR-7UV200-2-ME reflection probe, FC-UV600-2, FC-UV200-2, FC-VFT-UV200, FC-VFT-UV600, and 4 interconnects	7.189,00	
Gemology Measurements			
Ava-GEM	Gemology measurement system, consisting of AvaSpec-ULS2048-USB2, grating VA (350-1000 nm), 25 µm slit, DCL-UV, OSC, AvaSoft-Full, AvaSphere-50-LS-HAL, PS-24V/1.25A, FC-UV600-2, AvaSphere-50-HOLD, and WS-2-GEM	5.918,00	
	AvaSphere-50-HOLD	Holder to position WS2-GEM in the center of AvaSphere-50-REFL sample port	152,00
Fluorescence Measurements			
Ava-Fluorescence	Fluorescence setup, consisting of AvaSpec-ULS2048L-USB2, grating VA, slit-200, DCL-UV-200, OSC, AvaSoft-Full, AvaLight-LEDxxx and power supply, and FCR-UV200/600-2-IND with FCR-FLTIP-IND fluorescence probe	5.519,00	
Biomedical Applications			
Ava-Biomedical	Biomedical setup, consisting of AvaSpec-ULS2048-USB2, grating NB, slit-50, OSF-475, AvaSoft-Full, AvaSoft-CHEM, AvaLight-HAL and power supply, FCR-7IR200-2-MS-PK-S, and WS-2	4.540,00	