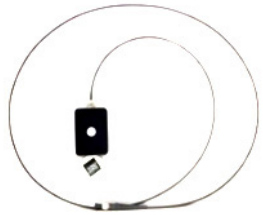
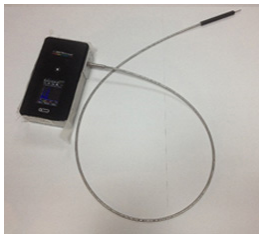
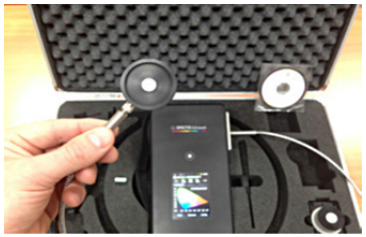
201093

GL **OPTI PROBES**



	GL OPTI PROBE 1.0.10 LUMINANCE	GL OPTI PROBE 1.0.11 LUMINANCE	GL OPTI PROBE 1.1.10 ILLUMINANCE
Application	Accessory for luminance measurement of flat displays, LCD, LED and OLED panels and other projection displays. N.A. = 0.22	Luminance probe for point measurement of flat displays, LCD, LED and OLED panels and other projection displays. N.A. = 0.22	For spectral measurement and evaluation of illumination level of light sources under water, in Lux or PAR, water-proof and works from 400 nm.
TECHNICAL DATA			
Measuring point diameter	10 mm	Ø 1.0 mm	7.9 mm
Spot size	in 1 m distance – approx. 5 cm	in 5 mm distance – 3.25 mm	
Spectral range	400–730 nm	400–730 nm	400–800 nm
Measuring probe size	44 x 62 x 14 mm	Ø 7 x 60 mm	44 x 62 x 14 mm
Type of fiber optic cable	Polymer	Polymer	Polymer
Fiber optic cable diameter	Ø 1.0 mm	Ø 1.0 mm	Ø 1.0 mm
Fiber optic cable length	1.5 m	1.5 m	1.5 m
Measurement uncertainty	(x.y) ± 0.002	(x.y) ± 0.002	(x.y) ± 0.002
Standard testing range (dynamic) for GL SPECTIS 1.0, GL SPECTIS 1.0 touch	3 cd/m² – 80 000 cd/m² (lower range requires longer integration time)	3 cd/m² – 80 000 cd/m² (for A source)	10–1000 000 lx
Item no.	93047	173765	100784
	Each set includes a measuring probe, a fiber optics cable as well as an adapter with a coder for a SPECTIS 1.0 series spectrometer. All sets are spectrally calibrated.		





	GL OPTI PROBE 5.0.50 LUMINANCE	GL OPTI PROBE 5.0.51 LUMINANCE	GL OPTI PROBE 5.1.50 IRRADIANCE/ ILLUMINANCE
Application	Luminance quartz glass fiber optic probe for extended spectral range measurement of flat displays, LCD, LED and OLED panels and other projection displays. The set includes a measuring probe, a fiber optics as well as an adapter with a coder for GL SPECTIS 5.0 Touch and 6.0 spectrometers. N.A. = 0.20 This probe covers full spectral range of detector from UV to IR. NOTE: Calibrated in price only if bought as a bundle with spectrometer.	Luminance quartz glass fiber optic probe for point measurement of flat displays, LCD, LED and OLED panels and other projection displays. The set includes the measuring probe, fiber optic cable as well as an adapter with a coder for SPECTIS 5.0. This probe covers full spectral range of detector from UV to IR.	Irradiance / Illuminance diffusor with quartz glass fiber optic for extended spectral irradiance measurements. The set includes a measuring probe, a fiber optics as well as an adapter with a coder for SPECTIS 5.0 and 6.0 spectrometers. This probe covers full spectral range of detector from UV to IR. NOTE: Calibrated in price only if bought as a bundle with spectrometer.
TECHNICAL DATA			
Measuring point diameter	10 mm	1.0 mm	10 mm
Spot size	in 1 m distance – approx. 5 mm	in 5 mm distance – 3.25 mm	
Spectral range	200–1050 nm	200–1050 nm	200–1050 nm
Measuring probe size	44 x 62 x 14 mm	Ø 11 x 100 mm	Ø 40 x 19 mm
Type of fiber optic cable	Quartz	Quartz	Quartz
Fiber optic cable diameter	Ø 1.0 mm	Ø 1.0 mm	Ø 1.0 mm
Fiber optic cable length	1.5 m	1.5 m	1.5 m
Measurement uncertainty	(x.y) ± 0.002	(x.y) ± 0.002	(x.y) ± 0.002
Standard testing range (dynamic) for GL SPECTIS 5.0 touch, GL SPECTIS 6.0 touch	0.01 cd/m² – 1500 cd/m² (for A source)		0.5 lx – 50 000 lx (for A source)
Item no.	173799	200913	173823
	Each set includes a measuring probe, a fiber optics cable as well as an adapter with a coder for a SPECTIS 5.0 series spectrometer. All sets are spectrally calibrated.		

Note: Instrument, firmware and software specification are subject to change without prior notice. All information included in GL OPTIC datasheets and product information available in any form are carefully prepared and included information believed to be true. Please note that discrepancies may occur due to text and/or other errors or changes in the available technology. We advise to contact GL Optic before the use of the product to obtain the latest product specification.

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