

TOUCH the TECHNOLOGY

New

GL SPECTIS 5.0 touch

Discover the new compact size laboratory grade spectrometer.



Micro
S_S



WiFi



GL SPECTIS 5.0 touch

ENTER THE WORLD OF SMART SPECTROMETERS

With the new GL SPECTIS 5.0 Touch GL Optic expands its product line of measurement instruments using the latest smart technology solutions designed for high reliability and ease-of-use. Using this state-of-the-art instrument you can get light measurement data with laboratory accuracy. Our spectrometers are individually calibrated to deliver fast and precise results quickly, and the included software is intuitive and easy to navigate.

Specifically designed for the advanced measurements such as:

- Measurements of LEDs in accordance with CIE 127:2007
- Photobiological Safety Testing of LED Products in accordance with EN 62471
- Measurements of SSL Products in accordance with (IES) LM-79-08
- Ecodesign requirements for LED lamps in accordance with (EU) No 1194/2012
- Evaluation of viewing conditions in accordance with ISO 3664

UNIQUE FEATURES

- Laboratory accuracy
- Extended spectral range from 200 to 1050nm
- Very high resolution: 2,5nm optical and 0,5nm data point
- OSR system for Stray Light Reduction
- Various Integrating spheres and probes available
- Automatic base-line correction

TECHNICAL DATA SHEET

Spectral range	200-1050nm
Detector	CCD Backed thinned image sensor
Number of pixels	2048
Physical resolution	~ 0.5nm
Optical FWHM	2.5nm
Measurement range	1 – 200.000lx [Illuminant A]
Wavelength reproducibility	0.5nm
Integration time	10ms to 60s
A/D conversion	16 bits
Signal to noise ratio	1000:1
Cosine correction	Class B / Class A Optional / DIN 5032 Part 7
Stray light	3*10E-4
Spectroradiometric accuracy	4%
Measurement uncertainty of colour coordinates (x,y)	0.0015
PC interface	USB 2.0 standard
Display full colour	240x320px
WiFi	802.11b/g
Micro SD card	4GB
Power	lithium-ion battery 4000mAh
Power consumption	~ 700mA
Power supply	Input: AC 100-240V 50/60Hz 0.15A Output: 5V-1A
Ambient temperature	5-35°C
Dimensions	111mm x 210mm x 58mm
Weight	1500g



GERMANY

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Vertrieb + Produktion

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