

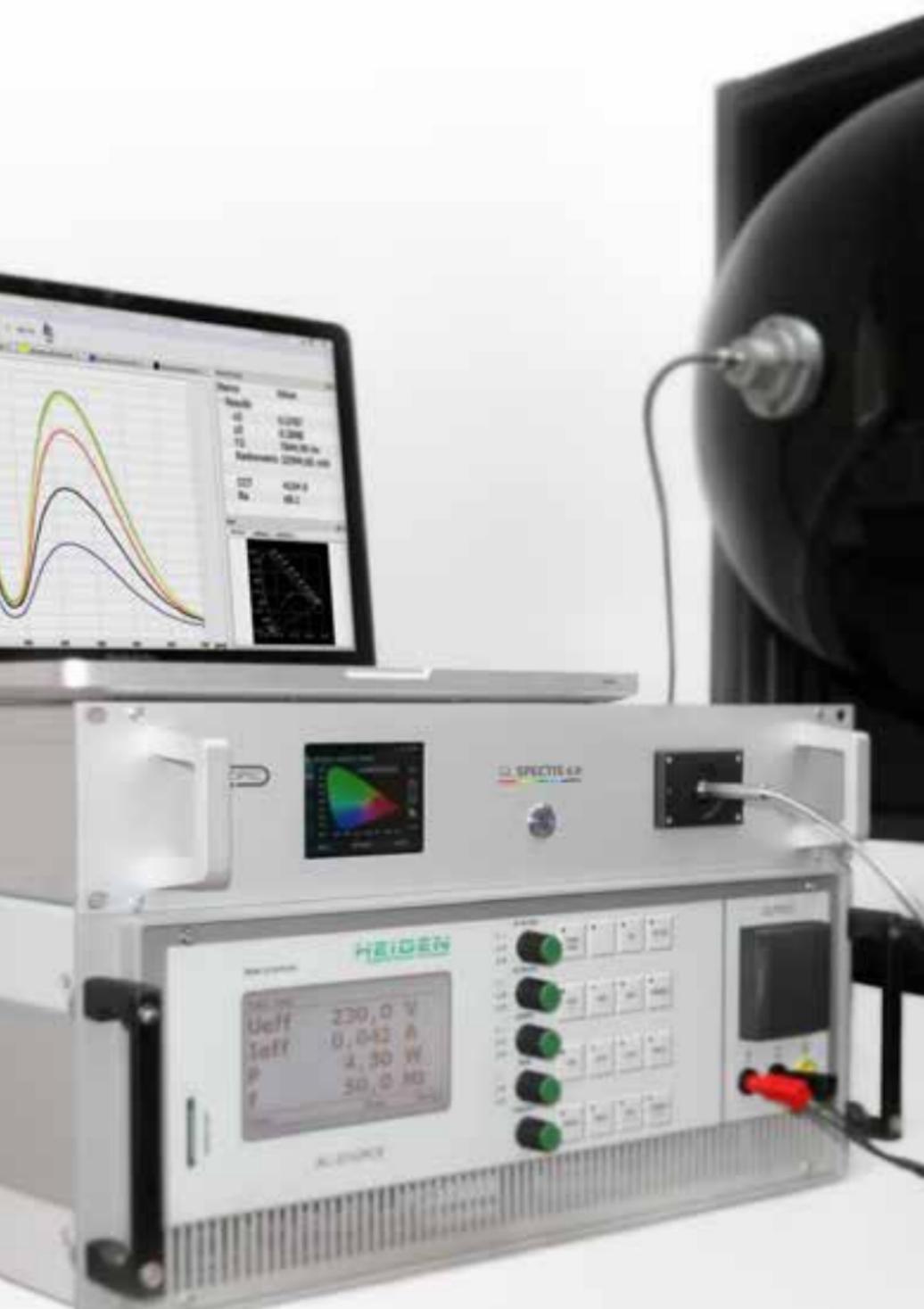
TOUCH the TECHNOLOGY

GL SPECTIS 6.0

Rack mounted laboratory grade spectrometer module.



Micro
SS





ENTER THE WORLD OF SMART SPECTROMETERS

With the new GL SPECTIS 6.0 we expand our high-end spectrometers into mass production and large laboratory setups for high speed measurement of SSL products (IESNA LM-79-08), LED wafers, large streetlamps and luminaries.

SPECIFICALLY DESIGNED FOR THE ADVANCED MEASUREMENTS SUCH AS:

- LED chip and LED lamps production process control
- Measurements of LEDs in accordance with CIE 127:2007
- Measurements of SSL Products in accordance with (IES) LM-79-08
- Ecodesign requirements for LED lamps in accordance with (EU) No 1194/2012

UNIQUE FEATURES:

- Hardware & Software trigger, USB 2.0 connection, Wi-Fi, 16 bit, A/D conversion
- Can be combined with current sources, powers supplies and TEC controllers
- Various spectral ranges available from 200 – 1050 nm
- Temperature monitored sensor with automatic dark current correction
- Very high resolution: 2,5 – 3,5 nm optical and 0,5 nm data point
- OSR system for Stray Light Reduction
- Various Integrating spheres and probes availablefield

TECHNICAL DATA SHEET

Measurement range	0.01 – 1500 lx / optional 1 – 200.000lx
Absolute Spectroradiometric accuracy	+/- 2%
Spectral Range	VIS 340 – 850 nm UV – VIS 200 – 800 nm VIS – NIR 340 – 1050 nm UV-VIS-NIR 200 – 1050 nm
Detector Technology	CCD back thinned
Optical Resolution (FWHM)	2.5 nm – 3.5 nm
Integration time	10 ms – 60 s
Signal : Noise Ratio	1000 : 1
Stray Light	2*10E-4
Dimensions	2U 19" 480 x 262 x 88,9 mm; 2.5 kg
Featuring temperature monitored sensor system	

GERMANY

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