

Press Release

Contact

Dr. Rainer Böhm
Phone: +49 8152 / 983 78-90
E-Mail: info@sphereoptics.de
www.sphereoptics.de

September 20, 2016

New: High Accuracy - Easy to Use Benchtop Goniometer

This small **benchtop goniometer** has the capability not to only fit into almost every optical laboratory, but also to provide measurement data on concise level. The type C set up of this instrument enables the developer of single LEDs, LED modules or chips to study angular performance in many development stages; fast and most important: reliable.

The detector head of the goniometer is a high-quality, visible-range spectrometer, equipped with diffuser optics to collect all important measurement quantities over the customer required angular range. Data such as luminous intensity distribution, peak intensity, cone illuminance, beam angle, color data (x, y / CCT / CRI), spectral power distribution or total luminous flux (lm) is provided in a customizable report.

In addition to the source output data, ambient temperature during the measurement (IES LM recommendation 79/82) is reported as well as source specific data such as power, power factor, Lumen/Watt or the orientation of the source during measurement, burn in and stabilization time.

With a maximum allowable source sample size of 300 mm x 100 mm and 25 kg, the new **benchtop goniometer** covers a wide range of LED measurement requirements. The footprint of the instrument itself with 1.65 m x 0.60 m x 1.73 m allows the usage also in small dark rooms and optical laboratories.

Please contact us directly for further information.



New from Labsphere:

Small, easy to use benchtop goniometer

More information:

<http://sphereoptics.de/en/new-high-accuracy-easy-to-use-benchtop-goniometer/>