Press release

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New Flash Measurement Photometer FM-100:

Measurement of individual pulse energy in a pulse string

Wessling, 07 July 2008, The FM-100 Flash Measurement Photometer System allows maintenance personnel to measure flashing light sources such as aircraft anti-collision strobes, highway safety strobes and barricade lighting, to ensure they meet output requirements.

The FM-100 Flash Measurement Photometer with a spectral range from 360 nm to 830 nm with photometric filter

The FM-100 measures the illuminance of each pulse in a string of light pulses at a rate of up to 700 per second, at pulsewidths from 1 nanosecond to 30 milliseconds. Sensitivity of the pulse luminance intensity measurement ranges from 11 millicandela-seconds at one meter to over 50,000 candela-seconds at 15 meters without additional detector attenuation. The FM-100 selects the optimum pulse measurement time for varying pulse widths.

The easy-to-use Windows software interface allows direct logging of effective light intensity. A unique optional high-speed sensor connects to an oscilloscope for light-flash shape and analysis.

The FM-100's ability to control a temperature-stabilized detector assures best agreement with NIST standards. Detector match to human eye response is guaranteed better than 3 percent using the CIE f1' method.

About Gamma Scientific:
Gamma Scientific offers the world's most comprehensive selection of precision light measurement instruments, backed by the industry's most knowledgeable support team. From high-accuracy photometers and spectroradiometers to integrating spheres and NIST-traceable light sources, we have the exacting instrumentation your applications demand. More information: **www.gamma-sci.com**

About Laser 2000:
Laser 2000 is headquartered in Munich, Germany and operates local offices in all major business areas of the European market. In order to support your application we deliver top-level service and products and meet the highest standard of quality. With an installed base of thousands of applications around the world, Laser 2000 has shown the ability to provide onsite-support in time.
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