



PRESS RELEASE

Uncertainties in the spectral performance measurements of continuous solar simulators can significantly impact a manufacturer's revenue.

Be certain of your simulator's class with portable spectroradiometers from Spectral Evolution.

Lawrence, MA – September 10, 2012 – Solar simulators can provide an accepted method for measuring and testing the power ratings of photovoltaic modules and solar panels at the manufacturer's facility. However, uncertainties in these measurements can significantly impact a manufacturer's revenue. The SR-500 and SR-1100 spectroradiometers from Spectral Evolution can validate the class of any commercially available continuous output solar simulator, per IEC 60904-9/ASTM E927-05.

These systems feature:

- Ideal for measuring irradiance and spectral match;
- High reliability, with no moving optics to breakdown;
- Complete with 1M fiber optic and right angle diffuser;
- NIST traceable calibration;
- Weighs less than three pounds;
- Autoexposure and autoshutter for easy, one-touch operation.

Both systems work with DARWin SP Data Acquisition and Analysis software to capture and show actual irradiance over a full 320-1100nm range. Built-in software routines provide class status as a function of wavelength and generate a spectral match report.

To validate pulsed solar simulators, ask about our SR-1900 spectroradiometer. For more information, visit: www.spectralevolution.com/spectroradiometers.html.

About Spectral Evolution

Established in 2004, Spectral Evolution is a leading manufacturer of laboratory and handheld portable spectrometers, spectroradiometers and spectrophotometers. Spectral Evolution spectrometers are used worldwide for many mission-critical lab, field and on-line process assignments due to their reliable, robust, rugged design and user-friendly one-touch features.

Spectral Evolution maintains a facility in Lawrence, Massachusetts which houses all operations including, design, prototyping, manufacturing and in-house repair facilities for the instruments that it markets and sells worldwide, either through direct sales, OEM sales or through distributor agents. Spectral Evolution also maintains state of the art spectral, spectral radiance and spectral irradiance calibration facilities for periodic calibration of equipment in the UV, VIS, NIR and SWIR wavelength regions.

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