



## **PRESS RELEASE**

**Full Range, fiber optic field spectroradiometer bundle built for remote sensing.**

**SPECTRAL EVOLUTION's RS-3500 bundle fits any remote sensing application and budget.**

*Lawrence, MA – July 23, 2013* – The SPECTRAL EVOLUTION RS-3500 field portable spectroradiometer for remote sensing meets the needs of a wide range of applications, including:

- Ground truthing hyperspectral or multi-spectral images/data
- Environmental research
- Agricultural analysis including plant health and photosynthesis studies
- Ecosystem change
- Forestry research, including canopy studies
- Glacial change and climate studies
- Water body studies
- Plant species identification
- Soil analysis, including topsoil fertility and erosion risks
- Soil degradation, mapping and monitoring

Using the RS-3500 Bundle's NIR spectroscopy technology delivers a number of benefits to remote sensing applications:

- It's fast – critical data can be collected quickly and easily in the field
- It's non-destructive – there's no damage to the sample
- There's no sample prep – no wasted time, just efficient analysis

The RS-3500 Bundle includes an SR-3500 full range UV/VIS/NIR spectroradiometer weighing only 7.3 lbs. It provides autoshutter, autoexposure, and autodark correction before each new scan, with no optimization step, for one touch scanning. With no moving optics, it delivers superior field reliability.

The RS-3500 Remote Sensing Bundle includes:

- SR-3500 compact, portable, spectroradiometer with 350-2500nm spectral range
- AC universal power supply plus two rechargeable batteries and universal AC chargers and battery power cables
- DARWin SP Data Acquisition software - save scans to ASCII files for use with 3rd party software (no pre-processing) - pull-down menu access to USGS spectral library and 19 vegetation indices
- Pelican case and TENBA shootout backpack
- 5x5 inch reflectance standard
- GETAC PS336 handheld microcomputer with sunlight readable screen and GPS, voice notes, and photo tagging
- Removable fiber optic cable – field swappable
- Optional SMA-905 FOV lenses available for increased flexibility
- Factory calibrated radiance and/or irradiance using NIST traceable source
- Bluetooth connectivity

For more information on the RS-3500 Bundle, visit:

[http://www.spectralevolution.com/portable\\_spectroradiometer\\_RS-3500.html](http://www.spectralevolution.com/portable_spectroradiometer_RS-3500.html)

For information on our remotes sensing products:

[http://www.spectralevolution.com/portable\\_spectroradiometer\\_remote\\_sensing.html](http://www.spectralevolution.com/portable_spectroradiometer_remote_sensing.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 and field applications in mining, remote sensing, vegetative studies, ground truthing, environmental and climate studies, developing satellite calibrations, and more, due to their reliable, robust, rugged design and user-friendly one-touch features.

SPECTRAL EVOLUTION maintains a facility in Lawrence, Massachusetts which houses design, prototyping, manufacturing and service facilities for the instruments that it markets and sells worldwide, either through direct sales, OEM sales or through distributor agents.

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