



PRESS RELEASE

Spectral Evolution Introduces the RS-5400 Remote Sensing Bundle with Enhanced Spectral Resolution and Sensitivity

Lawrence, MA – August 2, 2018 –The RS-5400 Remote Sensing Bundle includes everything a researcher needs for *in situ* field measurements with a high resolution/high sensitivity portable spectroradiometer.

The RS-5400 covers the spectral range from 350-2500nm and features enhanced spectral resolution:

- 2.5nm @ 700nm
- 5.5nm @ 1500nm
- 5.8nm @ 2100nm

It delivers high sensitivity with enhanced NER specifications:

- $0.5 \times 10^{-9} \text{ W/cm}^2/\text{nm}/\text{sr}$ @ 400nm
- $0.2 \times 10^{-9} \text{ W/cm}^2/\text{nm}/\text{sr}$ @ 1500nm
- $2.5 \times 10^{-9} \text{ W/cm}^2/\text{nm}/\text{sr}$ @ 2100nm

The RS-5400 bundle provides everything a researcher needs for field projects, including:

- RS-5400 spectroradiometer
- DARWin SP Data Acquisition software
- Pelican rigid foam lined protective case
- Custom padded backpack
- 5×5 inch reflectance standard with metal cover and tripod mount
- Handheld tablet with Windows 10 and DARWin SP Data Acquisition software preloaded

- 1.5 meter metal clad removable fiber optic with SMA-905 input connector – 25 degree FOV
- NIST-traceable calibration of 25 degree FOV fiber optic cable
- Pistol grip for fiber optic cable with triggering
- Rechargeable battery for RS-5400 and battery charger
- USB Bluetooth adapter
- Battery power cable

For more information, visit:

<https://spectralevolution.com/products/hardware/field-portable-spectroradiometers-for-remote-sensing/rs-5400-portable-spectroradiometer/>

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.

Press contact

Mo Kashdan

Marketing & Sales

978-687-1833

Maurice.kashdan@spectralevolution.com

SPECTRAL EVOLUTION

1 Canal Street, Unit B1

Lawrence, MA 01840 USA

www.spectralevolution.com

