



NaturaSpec™

**FIELD-PORTABLE
UV-VIS-NIR SPECTRORADIOMETER**



**THE NEW STANDARD FOR
REMOTE SENSING**



LAB-QUALITY DATA IN A RUGGED, PORTABLE PACKAGE

Spectral Evolution manufactures spectroradiometers differently. With a variety of features including rechargeable batteries, state-of-the-art detector technology, Bluetooth connectivity, lightweight housing, and a rugged design, you can be sure that you are getting the most accurate and reliable data in the field with a Spectral Evolution spectroradiometer.









COMMITTED TO EXCELLENCE

Every instrument and accessory built and sold by Spectral Evolution is subjected to rigorous quality testing. Each component is meticulously designed, manufactured, and calibrated at our facility in Haverhill, MA to ensure the maximum performance and reliability.

NATURASPEC™ REMOTE SENSING BUNDLE

The NaturaSpec is sold as a bundle so you can gather your mission-critical data without delay.

In addition to the NaturaSpec Spectroradiometer and the DARWin™ Software, the remote sensing bundle includes:

Pistol Grip	Reflectance Standard	Battery & Charger	Fiber Optic Cable	Pelican® Case	Padded Backpack
 <ul style="list-style-type: none"> Ergonomic handle with trigger holds fiber optic in place for precise standoff measurements Picatinny rail to mount optional scopes & laser sights for enhanced targeting accuracy 	 <ul style="list-style-type: none"> 99% white reflectance 5x5 inch included - additional sizes available Includes a protective, tripod-mountable metal case 	 <ul style="list-style-type: none"> Extended capacity, rechargeable lithium-ion battery provide maximum power for long field expeditions Dedicated charger included 	 <ul style="list-style-type: none"> 1.5m user detachable, ruggedized, metal-clad, fiber optic cable SMA-905 connection NIST-traceable calibration 	 <ul style="list-style-type: none"> Rigid foam-lined protection Lightweight, watertight, airtight, dustproof, and corrosion-resistant Ideal for shipping and storage 	 <ul style="list-style-type: none"> Designed for ventilation <i>in situ</i> Custom eyelet openings for fiber optic cable Side pockets for batteries, charger, and accessories Compatible with all Spectral Evolution instruments

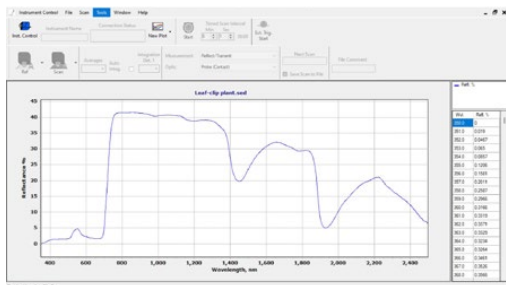
Bundled accessories are subject to change depending on availability.

NaturaSpec is compatible with all existing Spectral Evolution accessories, including the leaf clip, R/T sphere, reflectance contact probes, handheld rugged tablet, diffusers, field of view lenses, and illumination sources.

DARWIN™ DATA ACQUISITION SOFTWARE

Every Spectral Evolution spectroradiometer includes the exclusive DARWin™ software – a full-featured, menu-driven program for easy data acquisition and analysis of multiple UV-VIS-NIR spectra.

DARWin ensures that every spectral scan collected is optimized for the best signal-to-noise ratio possible. Dark-current correction is automatically applied to every scan, and each detector is independently exposed to the signal at the optimum integration time. No tedious manual optimization is ever required to ensure outstanding, repeatable data.



DARWin interface showing a vegetation scan

DARWin comes equipped with features specifically for field measurements.

- One-touch operation
- Ability to adjust parameters such as integration time, number of average scans, fore optics selection
- Automatic Data collection at user adjustable intervals from 1 second to 1 hour
- Saves scans as ASCII files for use with third-party software without pre-processing
- Ability to trigger scan from either the software or accessory
- Instrument status displayed after each scan (voltage, temperature, scan title, etc.)

26 Parkridge Road, Suite 104 Haverhill, MA 01835

978-687-1833

www.spectralevolution.com | info@spectralevolution.com



RS200-1

© Spectral Evolution 2022