



Our Smallest, Lightest, Full-Featured Field Portable Spectroradiometer - The PSR-1100f

Small, Lightweight, Full Featured

The PSR--1100f Spectroradiometer Is Well Suited for a Range of Remote Sensing Applications:



- Vegetation Studies
- Soil Analysis
- Crop Health
- Agricultural Research
- Plant Science
- Biomass Research
- Leaf Chlorophyll Content
- Water Body Studies
- Climate Studies
- Environmental Research
- Nitrogen Level Measurements
- Forest Canopy Studies
- Ecological Research
- Ice and Glacier Research



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Spectral Evolution offers a lightweight, handheld spectroradiometer to meet the rigorous demands of the remote sensing community. The PSR-1100f features a durable, detachable fiber optic cable with a wide array of optional fiber mount FOV lenses and irradiance diffusers. Whatever your measurement needs, Spectral Evolution offers an appropriate solution.

PSR-1100f offers:

- 320-1100nm spectral range
- Rugged anodized aluminum construction for field reliability
- Keypad and LCD display—can collect and store 2500 spectra without a computer
- Auto-exposure and auto-dark shutter for easy, one-touch operation
- Snap-in lithium-ion rechargeable battery for more than four hours of continuous use
- Tag spectra with GPS, and photos with optional rugged handheld tablet
- High reliability with all photodiode arrays for stable calibration
- Wireless connection interface for cable-free data connection
- Lightweight, less than four pounds
- Exclusive DARWin™ SP Data Acquisition software charts radiance, irradiance, reflectance, absorbance, or transmittance
- All data is automatically saved as an ASCII file for immediate use with 3rd party software

