

SPECTRAL EVOLUTION

Accessories

Accessories are designed to help maximize the use of your spectroradiometer or spectrometer in a wide range of research projects in the lab and in the field. .



Contact Probe

- Ideal for reflectance studies
- Easy to use, measures surface reflectance in the 350nm-2500nm range
- Ergonomic design with rugged metal clad fiber optic cable
- Built-in light source - 5 watt tungsten halogen bulb—user replaceable



Comfortable, Lightweight Pistol Grip

- Unique, low reflectance, impact resistant ABS thermoplastic handle with tether hole
- Light touch, tactile feel, pushbutton trigger for data collection
- Industry-standard Picatinny rail (Mil-STD-1913) for mounting options
- Integrated “peep sight” for accurate remote sensing



GETAC PS336 Personal Digital Assistant

- Collect and view spectral data graphically, in real-time on VGA sunlight readable display
- Tag scans with GPS data, digital photos, voice notes, and altitude readings
- Long battery life and Bluetooth connectivity
- IP68 rating—water submersible for durability
- DARWin SP Data Acquisition software pre-loaded



Field of View (FOV) Lenses

- Flexibility for varying target sizes
- Direct attach—no fiber optic required
- 4°, 8°, 14° screw-on optics
- 1°, 2°, 3°, 4°, 5°, and 8° lenses for fiber optic attachment



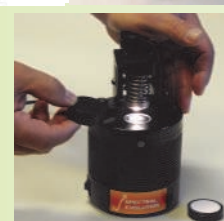
Straight and Right Angle Diffuser (180°)

- Ideal for irradiance measurements
- Compact alternative to an integrating sphere



Benchtop Reflectance Probe Available with Powder Sample Holder

- Ideal for hands-free reflectance measurements
- Easy set-up with external SMA-905 port
- Built-in 5 watt tungsten halogen source
- Plugs into all SPECTRAL EVOLUTION spectroradiometers and spectrometers
- Extremely durable window and powder sample holder for soil, crushed, or powders



Fiber Optic Cables

- User detachable, ruggedized, metal clad, fiber optic cables
- Standard length is 1.2m, other sizes available
- Optimum sensitivity and integration with linear photodiode arrays
- Salt water submersible fibers available, including bifurcated fibers



1 Canal Street ♦

Unit B1
Lawrence, MA 01840 USA
Tel: 978 687-1833 ♦ Fax: 978 945-0372
Email: sales@spectralevolution.com

SPECTRAL EVOLUTION

ILM-105—Fiber Optic Illumination Module

- 5 watt tungsten halogen bulb
- SMA-905 connection for ease-of-use
- Dual intensity tungsten bulb settings for experimental flexibility
- Internal cooling fan produces excellent stability
- Optional Li-ion battery for portable use



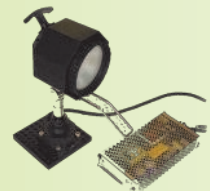
ILM-120—Fiber Optic Illumination Module

- SMA-905 fiber connection for ease-of-use
- Continuous illumination intensity adjustment—20 watt tungsten halogen light source
- Cooling fan reduces risk of overheating and prolongs bulb life
- Wall power or battery operated



ILM-550—Tungsten Halogen Light Source

- 50 watt tungsten-halogen source
- Aluminum reflector for bright, uniform illumination
- Usable with a wide variety of bulbs for different spot sizes
- Insulated handle, swivel mount base for easy positioning on benches, optical tables, or tripods



Leaf Clip

- Comfortable spring grip handle
- SMA-905 fiber connections for ease-of-use
- Built-in reflectance standard
- Ideal for vegetative studies
- Lightweight and easy-to-use



Pelican Case

- Rugged travel case
- Rigid foam lined protection
- Lightweight, watertight, airtight, dust proof, corrosion-resistant
- Ideal for shipping and storing all SPECTRAL EVOLUTION spectroradiometers



Backpack for Field Work

- Water resistant backpack
- Ideal for field work with all Spectral Evolution instruments
- Provides easy transport for the instrument, accessories, and batteries
- Includes tripod carrying strap



Easy-Mount Tripod

- Ideal for in field and lab measurements
- Fast and easy instrument mounting



Reflectance Panels

- Available in 2x2, 5x5, 10x10, and 12x12 inch sizes
- Protective aluminum case with tripod mount (not available with 2x2 inch)
- Panel calibration available (please inquire)



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