

SPECTRAL EVOLUTION

Accessories to maximize instrument use in your applications

Contact Probe

- Easy-to-use, ideal for reflectance studies—350-2500nm range
- Scratch-resistant sapphire window
- Ergonomic design—external triggering, quick release rugged metal clad fiber optic cable
- Built-in light source - 5 watt tungsten halogen bulb—user replaceable



Comfortable, Lightweight Pistol Grip

- Low reflectance, impact resistant ABS thermoplastic handle with tether hole & tripod mount
- 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°, 8° and 10° lenses for fiber optic attachment (available in FC or SMA-905 mount)



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
- 1.2m, 1.5m, 2m and longer sizes available
- Optimum sensitivity and integration with linear photodiode arrays
- Salt water submersible fibers available, including bifurcated fibers



Reflectance and Transmittance Sphere

- Measure reflectance and transmittance
- RT sphere is 10”x10”x13” and less than 3 pounds and can be used in the lab or field
- Delivered with a stand; can be used with any tripod—1/4-20 mount boss
- Ports accommodate sample & reference beams for 9° double beam geometry as well as port plugs for single beam; specular light trap for specular subtraction methods



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SPECTRAL EVOLUTION

ILM-105—Fiber Optic Illumination Module

- Rail mount to instrument for portability
- Toggles between high and low light intensity
- Light source keeps heat away from damaging your sample
- Rugged metal-clad fiber optic cable for field reliability
- Easy to replace 5 watt tungsten halogen bulb



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—including MR16 reflector bulb with 22° spread angle
- Insulated handle, swivel mount base for easy positioning on benches, optical tables, or tripods



ILM-660— Tungsten Halogen Light Source

- 100 watt tungsten halogen light source—two bulb set
- Removable sapphire window
- Glass Petri dish
- Quick release fiber mount



Leaf Clip

- Comfortable spring grip handle
- SMA-905 fiber connections for ease-of-use
- Built-in reflectance standard
- External triggering
- Lightweight and easy-to-use, ideal for vegetation studies



oreXpress Miniprobe

- 3mm spot size
- Light touch, tactile feel external trigger
- Built-in 5W halogen light source for consistent sample illumination
- Lightweight ergonomic handle to minimize measurement fatigue



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
- Includes tripod carrying strap



Easy-Mount Tripod

- Ideal for in field and lab measurements
- Fast and easy instrument mounting
- 1/4 -20 mount boss



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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