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 5watt 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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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)