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 Grips

- Low reflectance, impact resistant ABS thermoplastic handle with tether hole & tripod mount
- Light touch, tactile feel, pushbutton trigger for data collection with Premium model
- Premium model includes industry-standard Picatinny rail (Mil-STD-1913) mounting options
- Standard model available without triggering or picatinny rail



ALGIZ® 8X Rugged Handheld Tablet

- Small size 225mm x 147mm x 24mm (8.8” x 5.7” x0.9”)
- 8” capacitive touchscreen—1280 x 800 resolution—sunlight readable display
- GPS antenna
- Runs Windows 10
- Rear facing and front facing camera
- Bluetooth connection to instrument, USB connection to PC



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

- RT sphere is designed for field use—lightweight and portable
- Delivered with a stand; can be used with any tripod—1/4-20 mount boss
- Measure reflectance and transmittance, and calculate absorption at varying bulb intensity levels—collect all diffuse light reflected from a sample, measuring total hemispherical reflectance



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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
- Easy to replace 5 watt tungsten halogen bulb

ILM-550– Tungsten Halogen Light Source



- A tungsten halogen light source
- Aluminum reflector and a diffuser for bright, uniform illumination for larger samples
- Usable with a choice of bulbs, including a high intensity spot source for smaller samples
- Insulated handle, swivel mount base for easy positioning and mounting

ILM-660– Tungsten Halogen Light Source



- 40 watt tungsten-halogen source
- Removable sapphire window and glass Petri dish for sample
- Quick release fiber mount

Leaf Clip



- Single handed operation
- Integrated light source
- Built-in reflectance standard
- External triggering
- Lightweight and easy-to-use, ideal for vegetation studies

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

Sensaprobe™ grip for RS-8800



- A picture of the exact sample Field of View that you want to scan
- The angle of the scan
- The sun height angle
- The GPS location

Pelican Case



- Rugged travel case for 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

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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