

# 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" x 0.9")
- 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 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

- 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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