

SPECTRAL EVOLUTION

A Range of Laboratory Spectroradiometers



SR-6500/A



SR-4500A



SR-4500



SR-3500

Spectral Range	350-2500nm	350-2500nm	350-2500nm	350-2500nm
Spectral Resolution	1.5nm @ 700nm 3.0nm @ 1500nm 3.8nm @ 2100nm	3nm @ 700nm 8nm @ 1500nm 6nm @ 2100nm	3nm @ 700nm 8nm @ 1500nm 6nm @ 2100nm	2.8nm @ 700nm 8nm @ 1500nm 6nm @ 2100nm
Si Photodiode Detector	1024 element TE-cooled Si array (350-1000nm)	512 element enhanced Si array (350-1000nm)	512 element Si array (350-1000nm)	512 element Si array (350-1000nm)
InGaAs Photodiode Detectors (TE-cooled)	512 element TE-cooled InGaAs array (1000-1600nm) 512 element TE-cooled extended InGaAs array (1600-2500nm)	256 element TE-cooled InGaAs array (1000-1600nm) 256 element TE-cooled extended InGaAs array (1600-2500nm)	256 element extended wavelength array (1000-1900nm) 256 element extended wavelength array (1900-2500nm)	256 element extended wavelength array (1000-1900nm) 256 element extended wavelength array (1900-2500nm)
Sensitivity Noise Equivalence Radiance (NER)	0.8x10 ⁻⁹ W/cm ² /nm/sr@400nm 0.3x10 ⁻⁹ W/cm ² /nm/sr@1500nm 5.8x10 ⁻⁹ W/cm ² /nm/sr@2100nm	0.2x10 ⁻⁹ W/cm ² /nm/sr@400nm 0.2x10 ⁻⁹ W/cm ² /nm/sr@700nm 0.9x10 ⁻⁹ W/cm ² /nm/sr@900nm 1.2x10 ⁻⁹ W/cm ² /nm/sr@1500nm 1.8x10 ⁻⁹ W/cm ² /nm/sr@2100nm	0.2x10 ⁻⁹ W/cm ² /nm/sr@400nm 0.2x10 ⁻⁹ W/cm ² /nm/sr@700nm 0.9x10 ⁻⁹ W/cm ² /nm/sr@900nm 1.2x10 ⁻⁹ W/cm ² /nm/sr@1500nm 1.8x10 ⁻⁹ W/cm ² /nm/sr@2100nm	0.8x10 ⁻⁹ W/cm ² /nm/sr@400nm 1.2x10 ⁻⁹ W/cm ² /nm/sr@1500nm 1.8x10 ⁻⁹ W/cm ² /nm/sr@2100nm

SR-6500/SR-6500A— highest resolution laboratory portable spectroradiometers for where accurate, high resolution scans are required. Use with our Miniprobe and ILM-660 for soil analysis and mineral identification; use our unique leaf clip for vegetation studies. Available with a range of fiber mount Field of View lenses. SR-6500 drift stability <2%; SR-6500A drift stability <0.4%.

SR-4500A— high resolution portable spectroradiometer with the ultimate 0.1% drift stability for radiometric calibration transfer applications or any application where minimal drift is crucial.

SR-4500 — high resolution portable lab unit similar to SR-4500A with 2.0% drift stability for radiometric calibration transfer.

SR-3500— high resolution budget-friendly portable spectroradiometer for a range of laboratory and field applications including ground truthing satellite and flyover data, solar radiance/irradiance measurements, albedo measurements, vegetation studies and environmental research.



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