



PrimaSpec™

Compact, Portable,
Full-Range Laboratory
Spectrometer

PrimaSpec Features:

- 350-2500nm spectral range
- 100% diode array optics with no moving parts
- Removable/replaceable 1.5m fiber optic cable
- Rugged anodized aluminum construction
- Auto exposure & auto dark shutter
- USB connectivity
- High signal-to-noise ratio for better reflectance values
- Fast start-up and use, with no optimization step to start scanning or between scans
- Collect target data with a single click



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Spectral Evolution offers a compact, portable, lightweight spectrometer that can provide all the requirements of the spectroscopy community. The PrimaSpec is compatible with all Spectral Evolution accessories, including those ideal for reflectance measurements.

Spectral Range	350-2500nm
Spectral Resolution	4nm (350-1000nm)
	10nm@1500nm
	10nm@2100nm
Spectral Sampling Bandwidth (nm)	Data output reported in 1 nm increments
	2151 channels reported
Si Detector(s)	512 element Si Array (350-1000nm)
InGaAs Detectors (TE-cooled)	256 element extended wavelength array (1000-1900nm)
	256 element extended wavelength array (1900-2500nm)
Dimensions (in/mm)	8.5in x 12in x 3.5in (215mm x 305mm x 89mm)
Weight (lbs/kg)	7.3lbs (3.3kg)
Communications Interface	USB
Minimum Scan Speed	100 milliseconds
Wavelength Reproducibility (nm)	0.1 nm
Wavelength Accuracy (nm)	±0.5 bandwidth
Power (v w)	7.5v 23w