

## **Spectrometer Product List**

### ***Spectrometer Measurement Systems***

- SpectroChemistry - UV-VIS-NIR absorbance, chemical concentrations
- SpectroColorimetry - Color analysis of solids & liquids; CIELAB L\* a\* b\*  $\Delta E$
- SpectroRadiometry - Absolute intensity light measurements
- LED Measurement Systems – Color, intensity, CIE 1931 xy chromaticity
- SpectroFluorimetry - Low cost LED excitation & cooled CCD detection
- PORTA-LIBS - Elemental analysis of solids and powders
- Thin Film Metrology - Non-contact reflectance to measure film thickness
- Optical Metrology - Spectral analysis of optics samples and filters

### ***Miniature Fiber Optic Spectrometer***

- Spectrometer Line Up with UV-VIS and NIR detectors (CCD/PDA/InGaAs)
- BLACK-Comet Concave Grating Spectrometers (190-1100nm)
- BLUE-WAVE 16-bit OEM Compact Spectrometers 15 models 200-1100nm
- GREEN-Wave Low Cost Compact Spectrometers 350-1100nm
- RED-Dwarf NIR Spectrometers 512/1024 element InGaAs for 900-1700nm
- ChemWiz Analyzer Development Kit full spectrum chemometric analysis
- NIRX Spectrometer with 512/1024 element InGaAs for 900-2300nm
- Dual-Detector Super Range (DUAL-DSR) CCD + InGaAs PDA 200-2300nm
- High Resolution Plane Grating Spectrometers for 200-1100nm
- UVN-Super Range High Resolution Spectrometer for 200-1100nm

### ***Light Sources***

- Tungsten Halogen Light Source for VIS-NIR
- LED Excitation Sources
- Wavelength Verification Standard
- Deuterium Light Source for UV
- High Power Deuterium & Tungsten Light Source for UV-VIS-NIR
- Low Power Deuterium & Tungsten Light Source for UV-VIS-NIR

### ***Fiber Optic Cables***

#### ***Sampling Accessories***

- Fiber Optic Reflectance probes and fixtures
- Fiber Optic Fixed & Adjustable Transmission / Reflectance fixtures
- Cosine Receptors
- Integrating Spheres for SpectroRadiometry
- Fiber Optic cuvette holders
- Fiber Optic Dip Probes
- Digital Microscope for Microscopy Applications

#### ***NIST Traceable Calibration Service for Spectroradiometry***

- *Battery Packs for Field Operation*

#### ***Software (included free)***

- Spectroscopy platform with many built-in applications
- LabVIEW fully customizable source diagrams
- VBA includes full source for user customization of Excel

## **NovaScientific**

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