

Software



Innovations in Spectroscopy



OmniDriver

Java-based
Multi platform:
C++, Delphi, Visual Basic, LabView
High speed data acquisition
Spectral analysis kit available

SpectraSuite

Java-based
Multi purpose user interface software
Simultaneous operation of multiple spectrometers
For Mac, Linux and Windows

3-Year Warranty

Spectrometers purchased from Ocean Optics and its authorized distributors now include a full 3-year warranty against manufacturing defects – regardless of application.



More details at: www.oceanoptics.eu/warranty

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Ocean Optics

Smart | Innovative | Flexible | Solvers



Revolutionary Jaz

Field Science
OEM Applications
Remote Process Control



Spectral Range: max. 850 nm*
Detector Range: 200 - 1100 nm
Dynamic Range: 1300 : 1**
Signal-to-noise: 250 : 1
Optical Resolution: 0.3 ~ 10 nm FWHM
Non-Linearity: <1%
More info at: www.oceanoptics.eu/jaz

Multi Purpose USB

Transmission
Absorbance
Reflectance



Spectral Range: max. 850 nm*
Detector Range: 200 - 1100 nm
Dynamic Range: 1300 : 1**
Signal-to-noise: 250 : 1
Optical Resolution: 0.3 ~ 10 nm FWHM
Non-Linearity: <1%
More info at: www.oceanoptics.eu/usb

High Resolution HR

Laser Analysis
Plasma Analysis
Solar Irradiance



Spectral Range: max. 900 nm*
Detector Range: 200 - 1100 nm
Dynamic Range: 1300 : 1**
Signal-to-noise: 250 : 1
Optical Resolution: 0.02 ~ 8.4 nm FWHM
Non-Linearity: <1%
More info at: www.oceanoptics.eu/hr

UV Sensitive Maya

UV Measurements
Luminescence
Fluorescence



Spectral Range: max. 900 nm*
Detector Range: 155 - 1100 nm
Dynamic Range: 12000 : 1**
Signal-to-noise: 450:1
Optical Resolution: 0.035 ~ 6.8 nm FWHM
Non-Linearity: <1%
Detector: Back-thinned 2D, CCD
Peak QE: 75 - 90 %
QE @250 nm: 55 - 65 %
More info at: www.oceanoptics.eu/maya

Scientific Grade QE

Medical Diagnosis
Corrosion Studies
Bioanalysis



Spectral Range: max. 825 nm*
Detector Range: 200 - 1100 nm
Dynamic Range: 25000 : 1**
Signal-to-noise: 1000 : 1
Optical Resolution: 0.14 ~ 7.7 nm FWHM
Non-Linearity: <1%
Detector: Back-thinned 2D, cooled CCD
Peak QE: > 90%
QE @250 nm: 65%
More info at: www.oceanoptics.eu/qe

Near Infrared NIRQuest

Pharmaceutical Analysis
Forensic Research
Food Analysis



Spectral Range: max. 1600 nm*
Detector Range: 900 - 2500 nm
Dynamic Range: 5000 : 1**
Signal-to-noise: 4000 : 1
Optical Resolution: 3.0 ~ 25 nm FWHM
Non-Linearity: <1%
Detector: InGaAs linear array, cooled
More info at: www.oceanoptics.eu/nir

*: Depending on grating choice

** : For a single acquisition