

Ocean Optics SR2 UV-VIS Spectrometer

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+

£3,087²⁰

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Qty 1+	£3,087.20 each
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Product Downloads

General	
OceanDirect & OceanView	Software:
1 µs – 2 s	Integration Time:
SR-2UW300-25	Model Number:
Note: Includes manual QR code, software QR code, calibration reports for wavelength and linearity, 1 m USB cable	

SMA905	Input Port Termination:
Ruled Diffraction Grating: 600 Grooves/mm, Blazed @ 300nm	Grating:

Cross Czerny Turner	Optical Bench:
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Physical & Mechanical Properties

25	Slit Width (µm):
0.275	Weight (kg):

Dimensions (mm):

88.1 x 63.5 x 31.45

Optical Properties

1.33	Spectral Resolution (nm):
195 - 850	Wavelength Range (nm):

Sensor

CCD	Type of Sensor:
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Electrical

Single Scan @ 10 ms: 380:1 Max per second with High Speed Averaging Mode: 25,800:1	Signal to Noise S/N Ratio:
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Hardware & Interface Connectivity

USB, RS-232	Computer Interface:
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Threading & Mounting

(3) 4-40	Mounting Threads:
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Environmental & Durability Factors

0 to +55	Operating Temperature (°C):
-30 to +70	Storage Temperature (°C):

Thermal Drift:

0.02 nm/°C

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:

Reach 250:

Compliant

Product Details

- Compact Design and Powerful Performance
- Broad Wavelength Range Options Spanning 180 - 1040nm
- Three Models Available for a Diverse Range of Applications

Ocean Optics SR Versatile Spectrometers are available in S2, S4, and S6 models, each of which offers high performance and broad spectral coverage to suit a diverse set of applications. SR2 spectrometers are optimized for fast spectral acquisition and high signal-to-noise ratio (SNR), making them ideal for applications such as laser characterization, plasma monitoring, and absorbance concentration. The SR4 spectrometers present superior thermal wavelength stability, low-noise CCD detection, and consistent high signal-to-noise performance, perfect for plasma monitoring and reflection measurements. High-sensitivity SR6 models provide exceptional SNR and UV response, supporting applications such as UV absorbance, fluorescence, and plasma diagnostics. The Ocean Optics SR Versatile Spectrometers include the user-friendly OceanView software system to optimize spectrometer performance, ease system integration, and access data for analysis.