

# Ocean Optics SR4 UV-VIS Spectrometer

See More by [Ocean Optics](#)



Stock #90-020 **NEW** [CONTACT US](#)

⊖ 1 ⊕ £3,528<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	£3,528.00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

## Product Downloads

## General

OceanDirect & OceanView

**Software:**

3.8 ms – 2 s

**Integration Time:**

SR-4UW300-25

**Model Number:**

**Note:**  
Includes manual QR code, software QR code, calibration reports for wavelength and linearity, 1 m USB cable

<b>Input Port Termination:</b>	
SMA905	
<b>Grating:</b>	
Ruled Diffraction Grating: 600 Grooves/mm, Blazed @ 300nm	
<b>Optical Bench:</b>	
Cross Czerny Turner	
<b>Physical &amp; Mechanical Properties</b>	
<b>Slit Width (µm):</b>	
25	
<b>Weight (kg):</b>	
0.275	
<b>Dimensions (mm):</b>	
88.1 x 63.5 x 31.45	
<b>Optical Properties</b>	
<b>Spectral Resolution (nm):</b>	
1.65	
<b>Wavelength Range (nm):</b>	
190 - 910	
<b>Sensor</b>	
<b>Type of Sensor:</b>	
CCD	
<b>Electrical</b>	
<b>Signal to Noise S/N Ratio:</b>	
Single Scan @ 10 ms: 250:1 Max per second with High Speed Averaging Mode: 3000:1	
<b>Hardware &amp; Interface Connectivity</b>	
<b>Computer Interface:</b>	
USB, RS-232	
<b>Threading &amp; Mounting</b>	
<b>Mounting Threads:</b>	
(3) 4-40	
<b>Environmental &amp; Durability Factors</b>	
<b>Operating Temperature (°C):</b>	
0 to +55	
<b>Storage Temperature (°C):</b>	
-30 to +70	
<b>Thermal Stability:</b>	
0.05 Pixel/°C	
<b>Regulatory Compliance</b>	
<b>RoHS 2015:</b>	
<a href="#">Compliant</a>	
<b>Certificate of Conformance:</b>	
<a href="#">View</a>	
<b>Reach 250:</b>	
<a href="#">Compliant</a>	

## 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.