

# Ocean Optics ST NIR Microspectrometer

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⊖ 1 ⊕ £1,521<sup>00</sup>

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## Product Downloads

## General

OceanDirect & OceanView

**Software:**

3.8 ms – 6 s

**Integration Time:**

ST-NIR-25

**Model Number:**

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

SMA905	<b>Input Port Termination:</b>
	<b>Grating:</b> Ruled Diffraction Grating: 600 Grooves/mm, Blazed @ 1000nm
Cross Czerny Turner	<b>Optical Bench:</b>
Ocean Optics ST NIR Microspectrometer	<b>Title:</b>
<b>Physical &amp; Mechanical Properties</b>	
25	<b>Slit Width (µm):</b>
0.0704	<b>Weight (kg):</b>
42.1 x 40.3 x 26.6	<b>Dimensions (mm):</b>
<b>Optical Properties</b>	
2.2	<b>Spectral Resolution (nm):</b>
645 - 1085	<b>Wavelength Range (nm):</b>
<b>Sensor</b>	
CCD	<b>Type of Sensor:</b>
<b>Electrical</b>	
Single Scan @ 10 ms: 190:1 Max per second with High Speed Averaging Mode: 2250:1	<b>Signal to Noise S/N Ratio:</b>
<b>Hardware &amp; Interface Connectivity</b>	
USB, RS-232	<b>Computer Interface:</b>
<b>Threading &amp; Mounting</b>	
(2) M2 x 0.4	<b>Mounting Threads:</b>
<b>Environmental &amp; Durability Factors</b>	
0 to +55	<b>Operating Temperature (°C):</b>
-30 to +70	<b>Storage Temperature (°C):</b>
0.05 Pixel/°C	<b>Thermal Drift:</b>
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 250:</b>

## Product Details

- Compact Spectrometers for Small Space Solutions and Easy Integration
- Experience Fast, Reliable Results with Solutions Designed for Rapid Testing
- UV, VIS, and NIR Models Available

Ocean Optics ST Microspectrometers offer high-performance spectral analysis in a compact, lightweight design—perfect for space-constrained setups and OEM device integration. These miniature spectrometers feature excellent spectral response, high-speed acquisition, and high signal-to-noise ratio. Models are available for the UV, VIS, and NIR ranges and support real-time measurements in applications such as plasma monitoring, DNA absorbance, fluorescence detection, and color quality control. The Ocean Optics ST Microspectrometers include the user-friendly OceanView software system to optimize spectrometer performance, ease system integration, and access data for analysis.