

# Ocean Optics ST NIR Microspectrometer

See More by [Ocean Optics](#)



Stock #90-014 NEW CONTACT US

⊖ 1 ⊕ €1.902<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €1.902,00 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 – 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><br>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<br>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.