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Ocean Optics ST NIR Microspectrometer

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Stock #90-014 NEW CONTACT US

⊖ 1 ⊕ **\$2,662⁰⁰**

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Qty 1+	\$2,662.80 each
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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 **Input Port Termination:**

Grating:
Ruled Diffraction Grating: 600 Grooves/mm, Blazed @ 1000nm

Cross Czerny Turner **Optical Bench:**

Ocean Optics ST NIR Microspectrometer **Title:**

Physical & Mechanical Properties

25 **Slit Width (µm):**

0.0704 **Weight (kg):**

42.1 x 40.3 x 26.6 **Dimensions (mm):**

Optical Properties

2.2 **Spectral Resolution (nm):**

645 - 1085 **Wavelength Range (nm):**

Sensor

CCD **Type of Sensor:**

Electrical

Signal to Noise S/N Ratio:
Single Scan @ 10 ms: 190:1
Max per second with High Speed Averaging Mode:
2250:1

Hardware & Interface Connectivity

USB, RS-232 **Computer Interface:**

Threading & Mounting

(2) M2 x 0.4 **Mounting Threads:**

Environmental & Durability Factors

0 to +55 **Operating Temperature (°C):**

-30 to +70 **Storage Temperature (°C):**

0.05 Pixel/°C **Thermal Drift:**

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 250:
[Compliant](#)

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.