

Ocean Optics ST VIS Microspectrometer

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Stock #90-016 **NEW** 2 In Stock

⊖ 1 ⊕ €1.820⁰⁰

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| Qty 1+ | €1.820,00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

OceanDirect & OceanView

Software:

3.8 ms – 6 s

Integration Time:

ST-MS-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 @ 500nm |
| Cross Czerny Turner | Optical Bench: |
| Ocean Optics ST-VIS 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): |
| 350 - 810 | Wavelength Range (nm): |
| Sensor | |
| CCD | Type of Sensor: |
| Electrical | |
| Single Scan @ 10 ms: 190:1 Max per second with High Speed Averaging Mode: 2250:1 | Signal to Noise S/N Ratio: |
| 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 | |
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 250: |

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.