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Ocean Optics ST

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General

Software:	OceanDirect & OceanView	Integration Time:	3.8 ms – 6 s
Model Number:	ST-VIS-25	Note:	Includes manual QR code, software QR code, calibration reports for wavelength and linearity, 1 m USB cable
Input Port Termination:	SMA 905	Grating:	Ruled Diffraction Grating: 600 Grooves/mm, Blazed @ 500nm
Optical Bench:	Cross Czerny Turner	Title:	Ocean Optics ST VIS Microspectrometer

Physical & Mechanical Properties

Slit Width (µm):	25	Weight (kg):	0.0704
Dimensions (mm):	42.1 x 40.3 x 26.6		

Optical Properties

Spectral Resolution (nm):	2.2	Wavelength Range (nm):	350 - 810
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Sensor

Type of Sensor:	CCD
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Electrical

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

Hardware & Interface Connectivity

Computer Interface: USB, RS-232

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Threading & Mounting

Mounting Threads: (2) M2 x 0.4

Environmental & Durability Factors

Operating Temperature (°C): 0 to +55

Storage Temperature (°C): -30 to +70

Thermal Drift: 0.05 Pixel/°C

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.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	UV-NIR Collimator Lens		#90-535 NEW	€288,00 Request Quote	CONTACT US 1
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