

Ocean Optics SR6 VIS-NIR Versatile Spectrometer

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MRP ₹5,73,799

Price inclusive of all taxes

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Volume Pricing

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General

OceanDirect & OceanView **Software:**

7.2 ms – 5 s **Integration Time:**

SR-6VN500-25 **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:

Physical & Mechanical Properties

25

Slit Width (µm):

0.275

Weight (kg):

88.1 x 63.5 x 31.45

Dimensions (mm):

Optical Properties

1.65

Spectral Resolution (nm):

350 - 1040

Wavelength Range (nm):

Sensor

CCD

Type of Sensor:

Electrical

Signal to Noise S/N Ratio:
Single Scan @ 10 ms: 400:1
Max per second with High Speed Averaging Mode:
3500:1

Hardware & Interface Connectivity

USB, RS-232

Computer Interface:

Threading & Mounting

(3) 4-40

Mounting Threads:

Environmental & Durability Factors

0 to +55

Operating Temperature (°C):

-30 to +70

Storage Temperature (°C):

0.03 Pixel/°C

Thermal Stability:

Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Compliant](#)

Reach 250:

United States

Country of Origin:

Imported By:
Edmund Optics India Private Limited
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Product Details

- Compact Design and Powerful Performance
- Broad Wavelength Range Options Spanning 180 - 1040nm
- Three Models Available for a Diverse Range of Applications

Ocean Optics SR Versatile Spectrometers are available in S2, S4, and S6 models, each of which offers high performance and broad spectral coverage to suit a diverse set of applications. SR2 spectrometers are optimized for fast spectral acquisition and high signal-to-noise ratio (SNR), making them ideal for applications such as laser characterization, plasma monitoring, and absorbance concentration. The SR4 spectrometers present superior thermal wavelength stability, low-noise CCD detection, and consistent high signal-to-noise performance, perfect for plasma monitoring and reflection measurements. High-sensitivity SR6 models provide exceptional SNR and UV response, supporting applications such as UV absorbance, fluorescence, and plasma diagnostics. The Ocean Optics SR Versatile Spectrometers include the user-friendly OceanView software system to optimize spectrometer performance, ease system integration, and access data for analysis.

