

Ocean Optics SR4 UV-VIS Spectrometer

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⊖ 1 ⊕ ₹3,65,400

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Product Downloads

General

OceanDirect & OceanView

Software:

3.8 ms – 2 s

Integration Time:

SR-4UV300-25

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 @ 300nm

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):**

190 - 910 **Wavelength Range (nm):**

Sensor

CCD **Type of Sensor:**

Electrical

Signal to Noise S/N Ratio:
Single Scan @ 10 ms: 250:1
Max per second with High Speed Averaging Mode:
3000:1

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):**

0.05 Pixel/°C **Thermal Stability:**

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 250:
[Compliant](#)

United States **Country of Origin:**

Edmund Optics India Private Limited **Imported By:**

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.