

Ocean Optics SR2 VIS-NIR Versatile Spectrometer

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Stock #90-019 NEW **1 In Stock**

MRP ₹4,09,826

Price inclusive of all taxes

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Qty 1+	₹4,09,826 each
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Product Downloads

General

OceanDirect & OceanView

Software:

1 μ s – 2 s

Integration Time:

SR-2VN500-25

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

1.33

Spectral Resolution (nm):

350 - 1040

Wavelength Range (nm):

Sensor

CCD

Type of Sensor:

Electrical

Signal to Noise S/N Ratio:
Single Scan @ 10 ms: 380:1
Max per second with High Speed Averaging Mode:
25,800:1

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):

0.02 nm/°C

Thermal Drift:

Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Compliant](#)

Reach 250:

United States

Country of Origin:

Imported By:
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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.

