

Ocean Optics QE Pro UV Spectrometer

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1
+
A\$29,107²⁰

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General

OceanDirect & OceanView **Software:**

8 ms – 3600 s **Integration Time:**

QEPRO-UW300-25 **Model Number:**

Note:
Includes manual QR code, software QR code, calibration reports for wavelength and linearity, 1 m USB cable

SMA905 **Input Port Termination:**

Ruled Diffraction Grating: 600 Grooves/mm
Blazed @ 300nm **Grating:**

Cross Czerny Turner **Optical Bench:**

Physical & Mechanical Properties

25 **Slit Width (µm):**

Weight (kg):

182 x 110 x 47 **Dimensions (mm):**

Optical Properties

1.2 **Spectral Resolution (nm):**

200 - 650 **Wavelength Range (nm):**

Sensor

CCD **Type of Sensor:**

Electrical

Signal to Noise S/N Ratio:
Single Scan @ 10 ms: 1000:1
Max per second with High Speed Averaging Mode:
85,000:1

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):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- High Sensitivity & Low Noise
- Fast, Reliable Data Capture
- UV-VIS and NIR Optimized Options Available

Ocean Optics QE Pro Spectrometers deliver high sensitivity, low noise, and exceptional dynamic range, making them a powerful choice for demanding UV-VIS and NIR measurements. Each model is optimized with precision gratings and slits; the NIR model is designed for sharp resolution within the 640–810 nm wavelength range, and the UV-VIS model is tailored for improved detection across the 220–650 nm wavelength range. A thermo-electrically cooled, back-thinned CCD sensor ensures clean and stable performance, even in low-light conditions. Ocean Optics QE Pro Spectrometers also offer high-speed buffering of up to 15,000 spectra for smooth, uninterrupted data collection. These spectrometers are ideal for applications including fluorescence, absorbance, spectral imaging, biomedical assays, environmental monitoring, and advanced materials analysis.