

UV Spectrometer System w/ Right Angle Diffuser



Stock **#72-537** CLEARANCE **1 In Stock**

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1

+

£5,376⁰⁰

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Volume Pricing	
Qty 1+	£5,376.00 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Symmetrical Czerny-Turner	Type:
0.2 ms-1 min	Integration Time:
16 bits, 2.5 MHz	Digitizer:
NIST Traceable/ ISO17025 Accredited	NIST Certification:
Physical & Mechanical Properties	

50	Slit Width (µm):
35.4 x 86 x 110	Dimensions (mm):
Optical Properties	
0.9	Spectral Resolution (nm):
<0.2%	Stray Light (%):
180 - 500	Wavelength Range (nm):
60.00	Focal Length FL (mm):
Sensor	
CMOS Linear Sensor	Type of Sensor:
3450	Dynamic Range:
Electrical	
+/- 0.21	Signal to Noise S/N Ratio:
Hardware & Interface Connectivity	
USB 2.0 UART	Computer Interface:
300mA@5VDC	Power Requirement:
Environmental & Durability Factors	
0 to 50	Operating Temperature (°C):
-30 to +70	Storage Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Available in Three Different Wavelength Options 180 - 500nm, 180 - 850nm, or 180 - 1100nm
- Measures Amplitude, Wavelength, Spectral Irradiance, and Power
- Extensive Software Included

International Light Technologies Spectrometers are compact mini spectrometers that measure both the wavelength and amplitude of the targeted light as well as other calibrated measurements. These instruments offer exceptional wavelength accuracy and resolution allowing for use in various sensitivity applications. SpectrLight III software is included with each product, which is a LabView based software for windows that enables seamless spectra collection and analysis. International Light Technologies Spectrometers are available in three wavelength models, UV, UV - VIS, and Broadband each with an included right-angle diffuser. These spectrometers are ideal for applications such as UV Curing Characterization, Plant Photobiology, Fluorescence, Radiometry, and Photometry.