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UV Spectrometer System w/ Right Angle Diffuser

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

- 1 + **£5,376**.00

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

Product Downloads

General

Type:
Symmetrical Czerny-Turner

Integration Time:
0.2 ms-1 min

Digitizer:
16 bits, 2.5 MHz

NIST Certification:
NIST Traceable/ ISO17025 Accredited

Physical & Mechanical Properties

Slit Width (µm):
50

Dimensions (mm):
35.4 x 86 x 110

Optical Properties

Spectral Resolution (nm):
0.9

Stray Light (%):
<0.2%

Wavelength Range (nm):
180 - 500

Focal Length FL (mm):
60.00

Sensor

Type of Sensor:
CMOS Linear Sensor

Dynamic Range:
3450

Electrical

Signal to Noise S/N Ratio:
+/- 0.21

Hardware & Interface Connectivity

Computer Interface:
USB 2.0 UART

Power Requirement:
300mA@5VDC

Environmental & Durability Factors

Operating Temperature (°C):
0 to 50

Storage Temperature (°C):
-30 to +70

Regulatory Compliance

Certificate of Conformance:
View

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. SpectrILight 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.

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