

Laboratory Spectrometer



Stock **#88-406** **1 In Stock**

S\$3,913⁰⁰

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General

BWSpec™

Software:

1 - 65,535 ms

Integration Time:

16-bit or 65,535:1

Digitizer:

Physical & Mechanical Properties

50.00

Slit Width (µm):

Weight (kg):

0.34

Dimensions (mm):

102 x 67 x 34

Optical Properties

Spectral Resolution (nm):

<2.5

Spectrograph f/#:

f/3.6

Wavelength Range (nm):

380 - 750

Wavelength Accuracy Tolerance (nm):

≤0.7 @ 546.7nm

Sensor

Type of Sensor:

1024 pixels

Hardware & Interface Connectivity

Computer Interface:

USB 2.0

Operating System:

Windows® 7, 8, 8.1, 10 (32-bit and 64-bit)

Power Requirement:

Powered by USB 5 V < 0.5 A

Environmental & Durability Factors

Operating Temperature (°C):

5 to 35

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

USB cable and software are included. Software features the ability to capture single or continuous spectra, dark subtraction, and intensity comparison.

- Cost-Effective Performance from 380 – 750nm
- Lightweight, Compact Design
- USB Cable and Software Included
- [Spectrometer Accessories](#) Also Available

The Laboratory Spectrometer is a cost-effective solution to a variety of spectroscopy applications. The Laboratory Spectrometer utilizes a 1024 element detector along with a built-in 16-bit digitizer to provide approximately 2.3nm spectral resolution from 380 – 750nm. These spectrometers are USB powered for simple system integration.

Note: USB cable and software are included. Software features the ability to capture single or continuous spectra, dark subtraction, and intensity comparison.