

# Laboratory Spectrometer



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

A\$4,472<sup>00</sup>

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### Product Downloads

### 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.