

# Laboratory Spectrometer



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⊖ 1 ⊕ €2.795<sup>00</sup>

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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):**

0.34 **Weight (kg):**

102 x 67 x 34 **Dimensions (mm):**

## Optical Properties

<2.5 **Spectral Resolution (nm):**

f/3.6 **Spectrograph f#:**

380 - 750 **Wavelength Range (nm):**

≤0.7 @ 546.7nm **Wavelength Accuracy Tolerance (nm):**

## Sensor

1024 pixels **Type of Sensor:**

## Hardware & Interface Connectivity

USB 2.0 **Computer Interface:**

Windows® 7, 8, 8.1, 10 (32-bit and 64-bit) **Operating System:**

Powered by USB 5 V < 0.5 A **Power Requirement:**

## Environmental & Durability Factors

5 to 35 **Operating Temperature (°C):**

## Regulatory Compliance

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

## 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.