Maya LSL

High Sensitivity, Low Stray Light Spectrometer

The combination of a low-stray light optical system and a high-sensitivity detector makes the Maya LSL ideal for high performance spectroscopic measurements. Applications in transmission and absorption spectroscopy benefit from lower stray light, so the Maya LSL is a good choice to increase the linear working range. The combination of low stray light and high sensitivity also allow for very precise color measurements to be made very quickly.

Ocean Optics

At a Glance

Increased measurement range from low stray light: <0.015% @ 400 nm

Increased accuracy with a wide dynamic range: 15,000:1 (typical)

High sensitivity through a signal to noise ratio of 450:1 at full signal

Visible to near-IR measurements: 360-825 nm

Dimensions: 151.2 mm x 151.2 mm x 65.2 mm

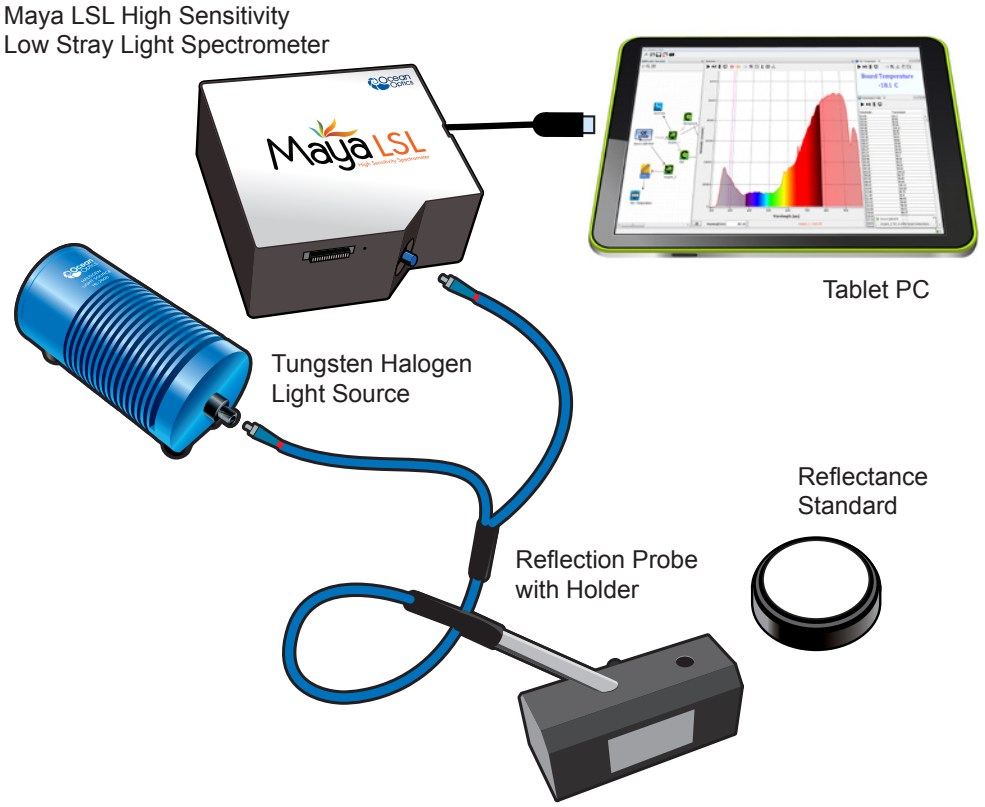
Weight: 1.6 kg

Fast and Precise Color Measurements

The Maya LSL delivers accurate color measurements quickly; eliminating the tradeoff between accuracy and measurement time associated with other competitive spectrometers. Accuracy of better than 2 MacAdam ellipse units is possible with the Maya LSL.

High Sensitivity for Emission Measurements

Some applications, like plasma monitoring in semiconductor manufacturing, require high sensitivity for low light measurements. The Maya LSL delivers with a wide dynamic range for fluorescence and Raman measurements as well.



Learn more online at www.oceanoptics.com

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