PASCO Spectrometer

Perform:

▶ Emission Spectra of Light
▶ Absorbance Spectra
▶ Beer's Law
▶ Kinetics
▶ Fluorescence

Features:

▶ Measures intensity, absorbance, transmittance and flourescence
▶ Intuitive and easy to use
▶ USB and Bluetooth® enabled
▶ Software designed for spectroscopy
  – Mac® and Windows® versions included
  – Free app available for IOS and Android™
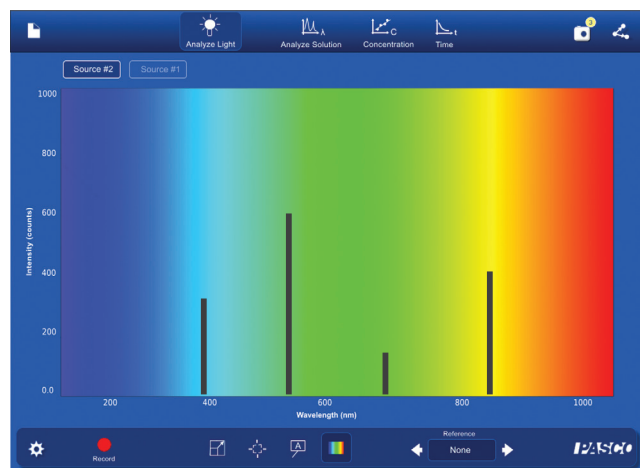
Specifications:

Connectivity: Bluetooth and USB
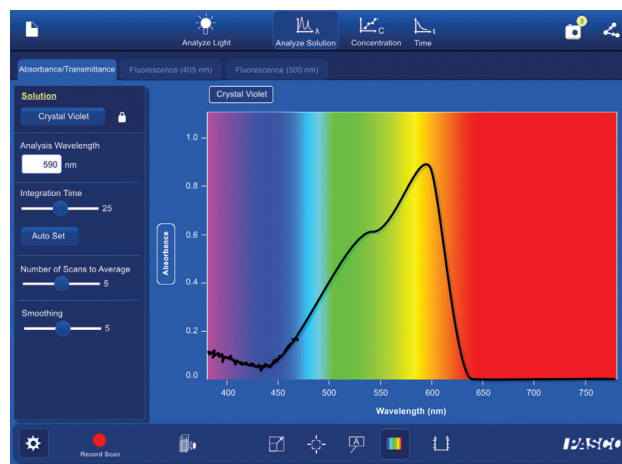
Resolution: 2–3 nm FWHM

Range: 380–950 nm

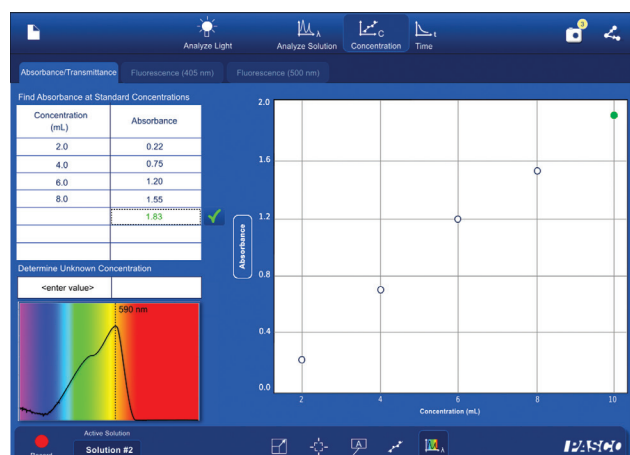Optical Resolution: 2 fluorescence excitation wavelengths at 405 nm and 500 nm

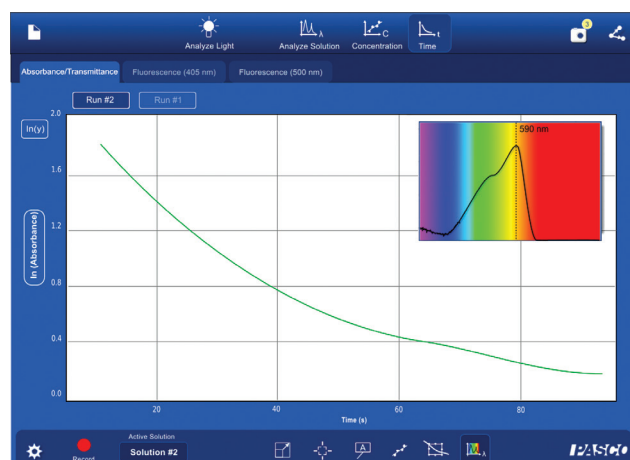Light Source: LED-boosted tungsten

Analyze light sources with the optional Fiber Optics Cable.

Analyze the absorbance, transmittance, and fluorescence of colored solutions.

Create calibration curves and determine the unknown concentration of a colored solution.

Observe the kinetics of a reaction involving a colored solution. Create graphs (ln[X], 1/[X]) to determine the order of the reactants.

PASCO 50
Celebrating 50 years of Innovation in Science Education
1964 - 2014

Product Information

PASCO Spectrometer PS-2600
Includes 10 cuvettes and software.
Optional:
Fiber Optics Cable PS-2601

www.pasco.com/chemistry — +1-916-786-3800