

CHEM4 Spectrometers

Smart Systems for Education

The CHEM4 Series Spectrometers from Ocean Optics are small, PC-based systems that are ideal for science and chemistry educators in the classroom or the teaching laboratory. These fully integrated systems include spectrometer, light source and cuvette holder and are available at reasonable pricing for qualified educators and learning institutions.

For bringing the excitement of learning to your classroom or teaching lab, nothing is easier.

USB for Easy Startup

The spectrometers feature a USB interface and are fully calibrated. Just plug and play.

Programmable Microcontroller

CHEM4 Series Spectrometers feature an onboard microcontroller that delivers incredible flexibility and control with your system and accessories. Through a 22-pin connector, you can implement operating parameters in your software, control light sources, create processes and retrieve information on external objects.

Light Source and Sample Holders

CHEM4 Fiber Systems come with a spectrometer, an integrated sampling system and an optical fiber.

CHEM4-UV-FIBER

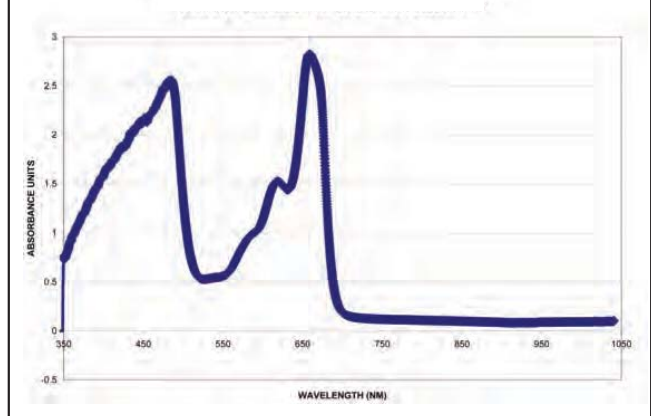
The CHEM4-UV-FIBER is ideal for absorbance measurements and combines a USB4000 Spectrometer with modular accessories including an ISS-UV-VIS Integrated Sampling System, a 300 μm solarization-resistant optical fiber and a 1-cm cuvette holder.

Item Code: CHEM-4-UV-FIBER



Spectrometer	USB4000
Wavelength range:	200-885 nm
Light source and sample holder:	ISS-UV-VIS integrated deuterium tungsten halogen light source and cuvette holder for 1-cm square cuvettes
Optical fiber:	Light source/sample holder connects to spectrometer via 300 μm solarization-resistant fiber
Software:	SpectraSuite (available for an additional charge) Overture (no charge)

Chlorophyll Absorbance with CHEM Series Spectrometer



CHEM4-VIS-FIBER

Our CHEM4-VIS-FIBER is perfect for relative irradiance and emission measurements. The CHEM4-VIS-FIBER combines our USB4000 Spectrometer with an ISS-2 Integrated Sampling System, a 400 μm optical fiber and a 1-cm cuvette holder. Add accessories like reflectance probes or dip probes for even more measurement options.

Item Code: CHEM4-VIS-FIBER



Spectrometer	USB4000
Wavelength range:	430-990 nm
Light source and sample holder:	ISS-2 integrated tungsten halogen light source and cuvette holder for 1-cm square cuvettes
Optical fiber:	Light source/sample holder connects to spectrometer via 400 μm fiber
Software:	SpectraSuite (available for an additional charge) Overture (no charge)

