

Educational Spectrometric Kit

SpecKit is basic spectrometric laboratory kit designed for lectures of chemistry, physics and optoelectronics. Based on its high flexibility it is possible with this kit to explain to the users many different spectrometric principles and tasks.

Applications:

- Measurement of light source spectral characteristics
- Liquid absorbance characteristics
- Liquid fluorescence characteristics
- Measurement of passive optical elements (filters, fibres ...)
- Demonstration of fibre optic sensors and many others.

Kit Contents

- Preconfigured miniature spectrometer USB-650 from Ocean Optics, spectral range 350 nm – 1000 nm, optical resolution 2 nm, USB port, operation system Windows 98/Me/2000/XP or Mac OS or Linux
- Fibre optic combined light source, bulb and 9 LED diodes with different wavelengths in range UV-VIS-NIR, power supply included
- Cuvette holder with cap, 4 ports with optics for collimation of optical beam, SMA 905 connectors
- 2 patchcords with POF fibre, diameter 1000 μm , 1m length each, SMA 905 connectors
- Transport briefcase
- Installation CD with basic software for spectrometer control and basic calculations



Note: Safibra, s.r.o. reserves right to change technical specs without notification