Enhanced **Specbos** Models

JETI offers an enhanced family of compact, spectrometric instruments designed to measure the color coordinates, spectral characteristics and light levels of transmissive and reflective objects, as well as of light sources. The new **Specbos** xx01 Series instruments are equipped with USB 2.0 interfaces and do not need an additional power supply.

All spectrometers include setup, operation and analysis software, operating instructions, cables and transportation case.

Specbos instruments are easy to use! No separate modules for the source, spectrometer and electronics, with interconnecting cables! No struggling with the computer interface! Immediately after installing the software and connecting the instrument to your PC, you are able to acquire and analyze spectra.
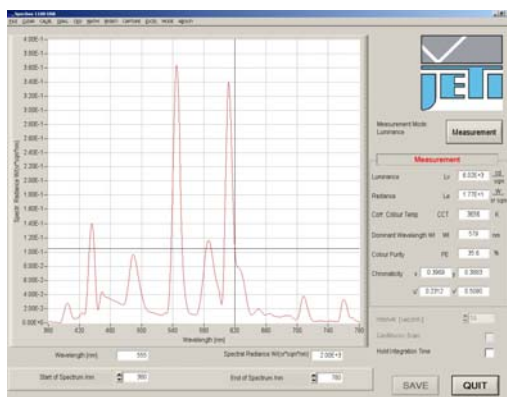
Radiometric software
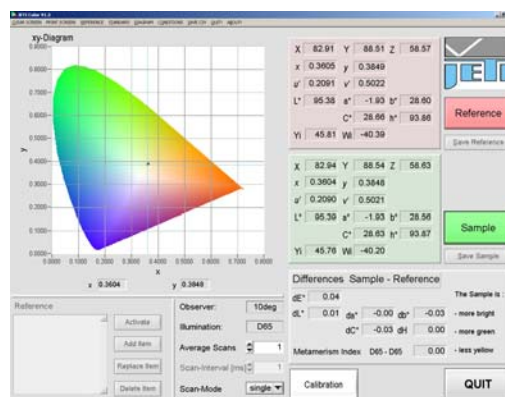
Colorimetric software

Choose an appropriate module for your application

Visible range emission spectroscopy	Specbos 1001
UV range emission spectroscopy	Specbos 1001 UV
Spectroradiometry and luminance	Specbos 1201
Reflection and transmission spectroscopy	Specbos 2001
Visible reflection spectroscopy	Specbos 2101
Visible transmission spectroscopy of liquids and solids	Specbos 3001
Colorimetry (45°/0° measuring geometry)	Specbos 4001

General technical data

Wavelength range	380 … 780 nm for VIS versions 250 … 500 nm for UV versions
Optical resolution	5 or 9 nm FWHM (8 or 12 nm Rayleigh)
Digital resolution	15-Bit
Optical input	SMA or ST
Stray light	$< 10^{-3}$ (ASTM E387, GG495, 4 mm, $\lambda = 420$ nm / 630 nm)
Interface	USB 2.0 full speed; Virtual COM Driver, 8N1, max. 921 kBd

Please refer to the appropriate data sheet for a particular instrument for details.

JETI also offers and provides multichannel spectrometers, fiber and micro-optic measuring heads, operating electronics for detector arrays and light sources. JETI additionally offers components and customer specific products. Contact us to discuss a specific solution for your specific application.