

Press Release

New tec5/Zeiss Portable NIR Spectrometer Unit

This portable NIR spectrometer device is based on the high-grade PGS spectrometer from Zeiss and fast readout electronics from tec5. Designed in a compact enclosure with fiber SMA input, the instruments of the *tecSpec* family are well suited for fast and precise spectral data acquisition in laboratory, process, and field environments. The instrument can achieve measurement rates of up to 1000 spectra per second can be achieved. The spectrometer unit offers a very attractive price-performance ratio and maintenance-free operation using diode array technology and thermo-electric cooling.

The unit comes with a universal AC-input power supply. Alternatively it can be operated by 12V DC. Acquired spectral data are transferred to a PC via a USB high-speed interface. Various programmer libraries and the application program MultiSpecPro are available from tec5 for instrument control and data processing.

The product version *tecSpec NIR 1.7* covers the spectral range between 960 and 1690 nm with a 512 pixel array, *tecSpec NIR 2.2* allows for measurements in the range between 1100 and 2200 nm using a photodiode array with 256 pixels.

Picture: tecSpec NIR

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