

Version History

April 2013



MultiSpec Pro

Version 3.6

- Compatible to Windows XP, Vista, 7
- Switching of different work spaces without closing the application (manually via menu selection, Toolbar-Button and **remotely** using an input signal)
- Result Chart Multichannel: display of optimized absolute time, optional enlargement of decimal places for chart and data export.
- User rights also administer the allowance to open and close windows
- Additional 'Ready'-signal available for digital outputs
- Digital inputs can be imported for Result
- Simplified parameterization for linearization and absolute standard referencing.
- OLUP: Supports OLUP X (up to 32 models supported)
- New sensor types supported:
 - CCD Hamamatsu S-1115x, Carl Zeiss CGS

Version 3.5

- Migration to MSVC 9.0 (Microsoft Visual Studio 2008)
- SDACQ32MP version 2.0.1.0
 - Supported under Windows XP, Windows Vista
 - Support for PD-ETH01
 - **The following legacy electronics components are no longer supported:**
 - PD-ISA16V3, PD-10401V1, MOE-V1,
 - DPU-USB / MMS-CCD, FEE-003, FEE-HR, FEE-NIR,
 - FEE-CCD, MUX-4A
- Result calculation (Wavelength range definition):
 - Integral calculation: absolute or differential
 - Minimum and Maximum detection
 - Wavelength detection for Minimum and Maximum
- Result-Display:
 - Optional numerical display of boundary values
- Result Chart Multichannel:
 - Graphical display of boundary values
 - Values are displayed over absolute time
 - Performance optimization
- Optional (activation requires editing of the INI File):
 - Result Chart Multichannel: Autostart
 - Automatic integration time adaption before referencing and calibrating
 - Automatic cyclic referencing
 - Remote masking of spectra data export (channel specific, via PROFIBUS or OPC inputs)

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- New module available:
 - Automatic Permanganate Time Measurement
- Absolute referencing with and without online reference channel
- Switching between different work spaces without closing the application (manually via menu selection)
- Extended toolbar functionality: acknowledgement of errors and warnings and change of workspace.
- Workspace name is shown in the status bar
- Color measurements: checking availability of required wavelength range (handled as a warning)
- New sensor work modes (depends on the used operating electronics and its driver/firmware version)
- New data pre-processing type “Absolute compensation with integration time correction” allows measuring regardless of the currently used integration time
- Display of hardware configuration
- Additional buttons on toolbar to acknowledge errors and warnings. Button for direct workspace selection.

Version 3.4

- PROFIBUS: analogue input supported
- New modules available:
 - SL Predictor (see www.sensologic.de)
 - OPC DA 3.0 Client as I/O modul (see www.opcfoundation.org)
- Optimisations and bug fixes:
 - data export
 - chemometrics
 - tecSpec USB

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Version 3.3

- Windows Vista© capable
- Workspace management in basic package
- Optimisations and bug fixes:
 - spectra charts
 - data export
 - faster switching time for fiberswitch MUX-FSM
 - Data Pre-Processing:
 - Bubble detection
- Fully support of new tec5 electronics:
 - PD-USB01V2
 - FEE-1M /NMOS
 - FEE-1M /NIR
 - FEE-1M /CCD

The Setup requires at least Windows Installer 3.0 which is shipped with Windows XP SP2. Please install tec5 Admintool or execute the WindowsInstaller installation program on CD before running Setup.exe if Windows Installer may not be up to date on your system.

Version 3.2

- Input setup:
 - new remote functions available:
 - dark current data acquisition
 - common error/warning acknowledge
- Result chart:
 - X-axis: relative and absolute time scale (depends on the accuracy of the actual cycle time)
- Linear regression of results:
 - save values to ASCII file with 6 decimal digits (as it is shown in the calculation table)
 - calculation of the correlation coefficient
 - print dialog button (Hardcopy)
- Data Pre-Processing:
 - Bubble detection: modification of error/warning handling
- Bug fixes:
 - Trial version:
 - wrong OEM version was shown (in rare cases)
- customer specific extensions

Version History

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Version 3.1

- New module available:
 - Peak Finder
- Bug fixes:
 - Analog output (ADLINK PCI6308A)
 - Input Setup
 - MultiChannel module was not available (in some cases)
- Result setup:
 - wavelength range: single / mean / integral value selectable

Version 3.0

- New licence system and module structure