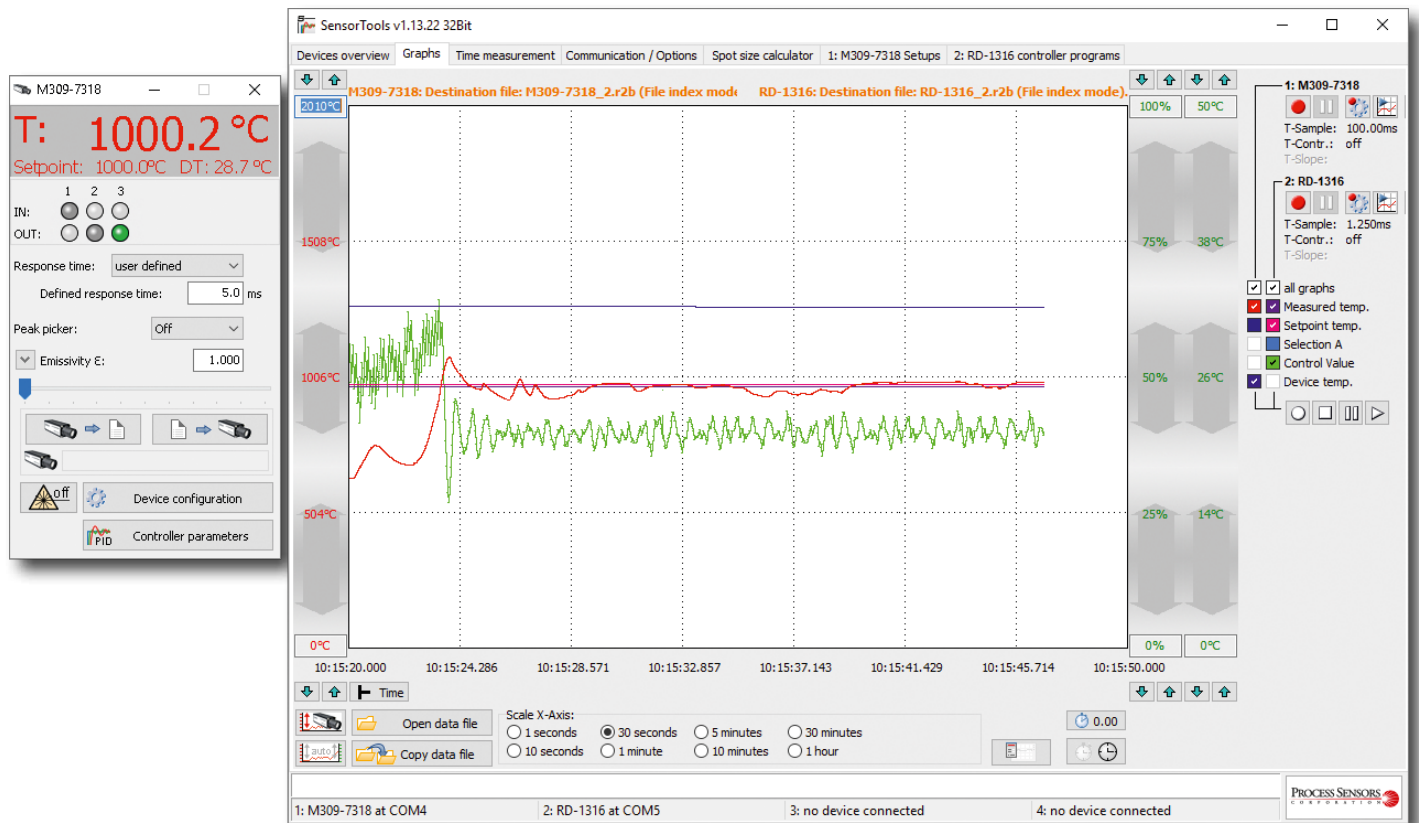


Software *SensorTools*

Adjustment, Processing and Analyzing Software



The PC software for communication with

- Metis, Sirius, Diadem, Polaris sensors
- Regulus RD / RF temperature controllers
- BBS1500-40 calibration source

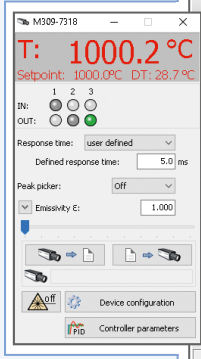
FEATURES

- Measured values of up to 4 devices simultaneously, numerically and graphically
- Graphical representation scalable
- Setting of all device parameters
- Transferring device parameters to other devices
- Extremely fast measured value recording (up to 50 μ s), adjustable recording rate
- csv export
- and much more...

Connect - Adjust - Display - Record - Evaluate

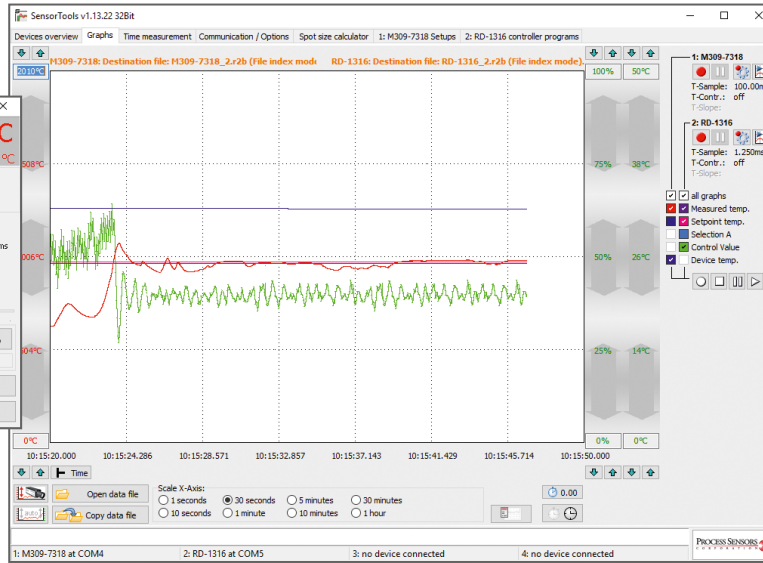
Control window

- Measured temperature and device temperature display
- Display of active, deactivated and inactive digital inputs and outputs
- Adjust measuring parameters
- Save measurement parameters quickly
- Select device configurations
- Activate laser targeting light / configure camera
- Set the motorized focus
- Define control parameters



Main window

- Connect the measuring devices (up to 4 devices simultaneously)
- Graphical representation of the temperature profile
- Device and software updates, language settings, command terminal



Sidebar

- Device model
- Recording from one device or all at the same time
- Define recording settings
- See recording data

Graphs

- Select required graphs
- Choose a color
- Y-Axis: Enter the scale limits or move quickly with the mouse
- X-axis: Select display time for graph generating between 1 s for details and 8 h for long-term monitoring
- X-Axis: Switch between time and time set manual to 0

Evaluation

- Instantly play back measured data, load from saved data file, view details, print
- csv export for easy measurement data transfer, e.g. In Excel

Extras

Data collection modes

- Easy mode selection for setting the measurement data transfer to the PC
- Customize the data rate

Time measurement

- Measure the time between a start and end temperature

Single-point temperature adjustment

- Compensate for optical losses in measurements through windows or lenses

Customize

- Device language, display or suppress temperature on the device, key lock, laser targeting light switch-off
- Transferring device parameters to other devices

Spot size calculator

- Calculate spot sizes outside the focused distance

System Requirements

Operating systems: Windows 7, 8, 8.1, 10 (32 or 64 Bit)

Recommended PC: i7 multi-core processor with 3 GHz and 16 GB RAM, screen resolution min. 1024x768.

(NOTE: When connected and configured with older computers with less capacity, data capturing or recording errors may occur when transmitting data)

PC Connection: Via device interface to PC interface (RS232 or RS485, USB via USB interface converter).

Process Sensors reserves the right to make changes in scope of technical progress or further developments.

Datasheet_SensorTools-Software (July 17, 2017)

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