DALO

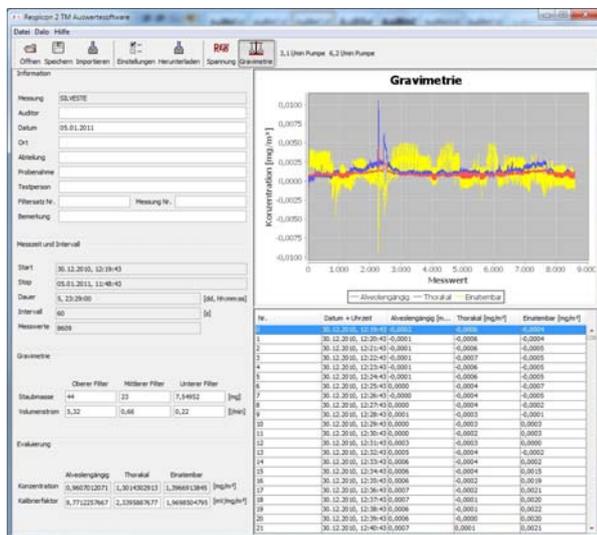**Data Logger with Evaluation Software**
for the Respicon dust monitor

Simple and intuitive data acquisition

The data logger DALO allows simple acquisition and storage of measurement data recorded with the photometers of the Respicon TM. It also provides the supply voltage for the Respicon. Parametrization of a measurement, operation and display of the results is carried out via the user-friendly touchscreen display with its intuitive menu structure.

The dedicated PC software allows the gravimetric evaluation of the measurement curves and, thus, the calculation of the true concentration curves. Measurement data can be displayed in a numerical format or graphically. The software can easily be operated in all recent editions of Microsoft Windows™. Also, older VOL files that were recorded with the predecessor model can be imported and evaluated.

The system is compatible to all earlier Respicon TM dust monitors.

Evaluation software, running in Windows 7™

Evaluation software:

• Numerical or graphic display

• Manual input of calibration factors

• Appending of measurment data

• Export to Microsoft Excel™

• Operating systems: Windows 7™, 8.1™

Characteristics DALO:

• Input channels: 3 (Respicon mode) or 4 (data logging mode)

• Interfaces: USB, Bluetooth

• Display: 3,2" touchscreen, resistive

• Storage capacity: about 6 days (Meas. period 1 s), max. 9 days (for longer periods)

• Charging time Lithium-ion battery: about 6 hrs

• Operating time with fully charged battery: about 8 hrs

• Dimensions (L x W x H): 185 mm x 100 mm x 40 mm

• Accessories: Leather carrying case

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