Notes on the use of the S.M.A.R.T. software from ROVER

1. What is the purpose of the S.M.A.R.T. software?

The software is for your WINDOWS PC, so you can connect from the PC to your ROVER meter. The following functions are primarily interesting:

- Implementation of purchased additional functions (software features)

- Installation of software updates

- Installation of new channel/transponder plans from ROVER

- Reading and editing of measurement data from the measuring instrument

- Read, edit and install individual channel plans (e.g. also before software updates for backup

- Taking screenshots

2. Where can I get the software?

The software can be found on the ROVER website on www.roverinstruments.com under SW Update or Update SW. To get the S.M.A.R.T. software for your PC and model-specific updates and lists, you must register once with e-mail and password. Then download and install the S.M.A.R.T. software on your PC, load the desired updates and possibly lists into a folder on your PC

3. How do I update the S.M.A.R.T. software?

For new functions, a new S.M.A.R.T. software is often required to play them on the device. However, the S.M.A.R.T. software cannot simply receive an update.   Please uninstall the old S.M.A.R.T. software on your PC first and then install the new version (PC: Settings / System / Software Apps□ then uninstall SMART)

4. How do I perform a software update?

After S.M.A.R.T. installation on the PC, the measuring instrument is connected to the PC with the USB cable (included with the measuring device), then the measuring instrument is switched on. The remaining capacity of the battery should be min 50%, optimal is the simultaneous connection of the charger. Then the S.M.A.R.T. software is started.

+In the software, click on the tab "Instrument", then the function "Connect Instrument".

Now the measuring device is connected automatically. If this does not happen, this usually has 2 causes.

- A firewall prevents data exchange

- The connection between PC and measuring device did not come about correctly, here please turn off the device, disconnect the USB cable, close the program and then repeat the above connection process.

If the measuring device is connected correctly, please click on the "Upgrade Firmware" function in the "Instrument" tab. In the window that opens, search for the corresponding file for your device, then confirm by clicking on "open". Please follow the instructions on the PC, then the device can simply be disconnected from the PC.

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+In the software, click on the tab "Instrument", then the function "Connect Instrument".

(If you have individual lists on your device, you should back them up now.)

+Click on the "Tools" tab, then the "MEM" function and then the "Open Mem" function. In the window that opens, find the new channel/transponder lists in the corresponding folder on your PC. Then click on "Open".

+The corresponding lists are now loaded by the program, now please click on the "Mem" function and then the "Write Mem to Instrument" function in the "Tools" tab.

Follow the on-screen instructions, after which the meter can be disconnected from the PC.

In this meme menu, individual plans can also be brought from the measuring device to the PC and saved. Of course, the tarpaulins can be played back to the device after an update.

IMPORTANT: Some of the updates for the meter and the lists contain completely new functions, so it is necessary:

* Always install the latest S.M.A.R.T. software

*Always install the update first

*Last to install the new lists

*Last to install the new lists

lead to damage that cannot be repaired by the user. Here the device must be sent in.

6. How do I add software features (retrospectively and for a fee) to my measuring device?

First, save the received software on your PC in any folder. Please then connect the measuring instrument correctly first (with Connect Instrument), then call the function "Load Options" under the tab "Instrument".

The software can be selected from the folder of the computer and will be installed after confirmation. Please follow the instructions on the device. Please perform a software RESET after installation.

7. Download and save measurement data on PC

If a measurement data record (file) has been saved on the device with the datalogger, then this can be loaded onto the PC via the S.M.A.R.T. software and also saved as an EXCEL or WORD file on the PC for printing or further processing.

a. Downloading the data file:

Connect meter to USB; then select the "Connect Instrument" function via instrument to the connection.

Then use The "Instrument File Manager" function to load the data onto the PC. A box appears on the bottom left of the screen.

Here the folder "Logger" and then e.g. the folder "LOG.10" can be selected in order to select the measurement file e.g. "Point 1".

b. Double-click or "Open" in the box opens the measurement file and displays the measured values on the PC.

c. The button "Instrument->PC" in the box allows the file to be saved on the PC, whereby the format EXCEL or WORD can also be selected in the line under the desired name of the folder.

Alternatively, the file can also be saved via the "File" tab and then the "Export" button with the same options.

d. When saving under EXCEL to be prioritized, the data can be edited as known under EXCEL, as well as several files can be merged.

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