DiaSusz

Update log, 2013/05/23

What's new in Version 1.0.1

The actual DiaSusz interface program for the MS2 magnetic susceptibility meter makes the operation of the system easier.
The program can run on Windows 7 and Windows 8 systems, also Windows XP is accepted.
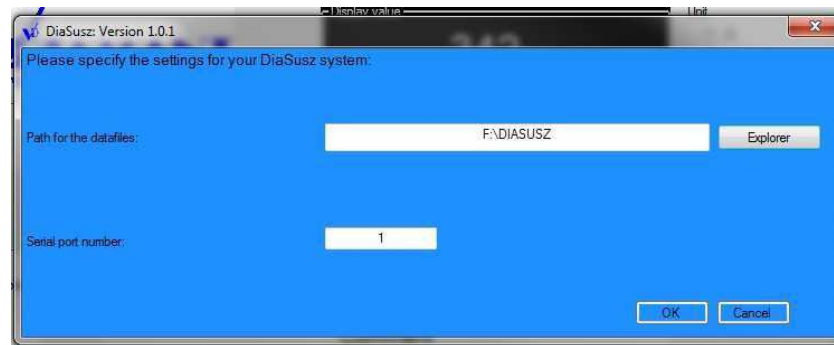
Installation:

Run Setup_DiaSusz.msi. After installation You will find a link to the program on desktop and in the program folder "Vdiamant".

Usage:
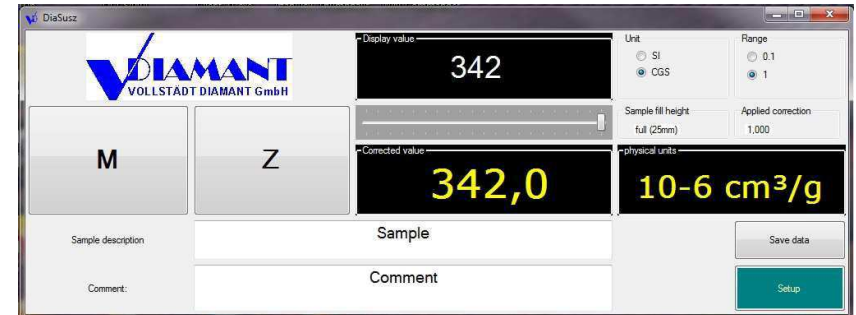
Please start the program and click "Setup".
You should specify the com port number, where the MS2 is connected.
Chose a folder, where the file DiaSusz.XLS should be located. This file is being created and updated automatic, it can be opened in Microsoft EXCEL, or in other compatible programs like Open Office or Star Office.

Click OK. The settings are stored now.

For the correct function of the program the MS2 device interface must be set to "standard", which is the selector position "A".

The main program panel provides a copy of the control elements, which are available on the front panel of the MS2.

The radio buttons for unit and range must be set according to the physical settings on the MS2.

The horizontal slider for fill height correction can be used if the sample amount is insufficient to fill the sample container completely. If the fill height is less than 25 mm you will note a difference between the upper display (original MS2 display) and the lower display (corrected values).

The "Z" button must be pressed when the sample is removed from the sensor in order to calibrate the zero reading.

When the sample is inserted just click the "M" button on the panel, the reading from the MS2 will be displayed and, if necessary, corrected for the fill height.

The entry field for sample description and comment should be used for a good description of the sample.

The button "Save data" inserts a new row with the actual data into the DiaSusz.XLS.

The Excel-file contains the following data: