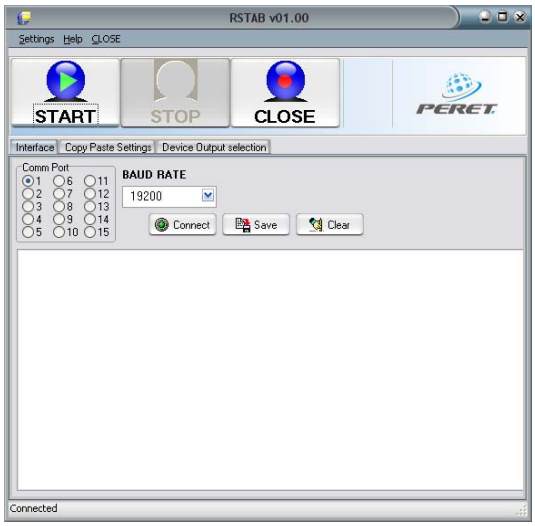
RSTAB Instruction manual

RSTAB is a software utility for the collection of measurement data in a Software application like a spread sheet, a word processing or any other application.

The software listens to the configurated COM port. If a data string is send by an external device to this COM port, than the RSTAB utility copies the data to the selected application by filtering according to the settings.

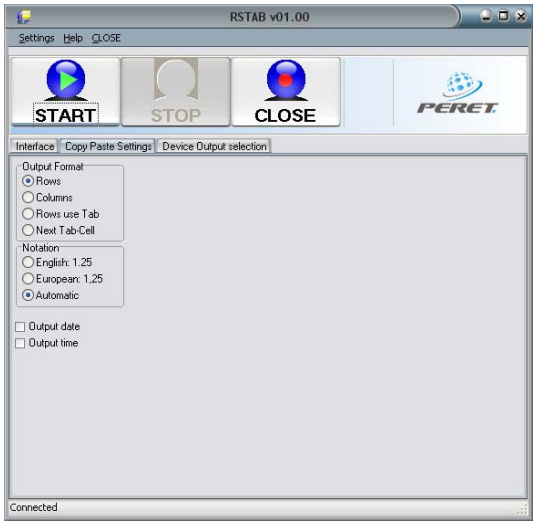
1. Configure the COM port

First of all the COM port has to be selected and the baud rate has to be configured:



2. Configure the copy & paste behaviour

The data can be copied to the application line wise, column wise, or tabulator key ordered.



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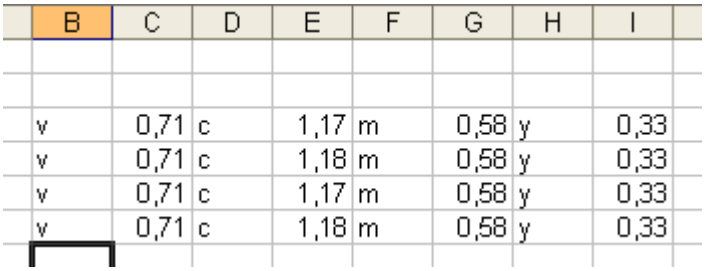
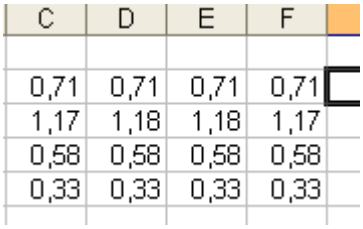
How to move from cell to cell in target application:

- Rows: The measurement data is written in consecutive cells in a row. The next measurement data is placed into the next row. The next measurement data is placed into the next row



B	C	D	E	F	G	H	I
v	0,71	c	1,17	m	0,58	y	0,33
v	0,71	c	1,18	m	0,58	y	0,33
v	0,71	c	1,17	m	0,58	y	0,33
v	0,71	c	1,18	m	0,58	y	0,33

- Columns: The measurement data is written in consecutive cells in a column. The next measurement data is placed into the cells in the next column. In this case the output marking normally is unchecked



C	D	E	F
0,71	0,71	0,71	0,71
1,17	1,18	1,18	1,17
0,58	0,58	0,58	0,58
0,33	0,33	0,33	0,33

- Rows use TAB: This option operates in the same manner as ROWS, but uses the TAB key to move across columns and the RETURN key to move down rows. When used with Excel it allows locked cells or columns to be skipped.
- Next Tab Cell: After every output of measurements the TAB key will be used to jump to the next cell. While using page protection the cursor will only jumps in unlocked cells.

Output format for real numbers

"English": A decimal point is used to separate the fractional part from the whole number e.g. 2.34

"European": A comma is used to separate the fractional part from the whole number e.g. 2,34

"Automatic": The REGIONAL SETTINGS PROPERTIES in the Windows™ Control Panel determines whether a comma or decimal point is used.

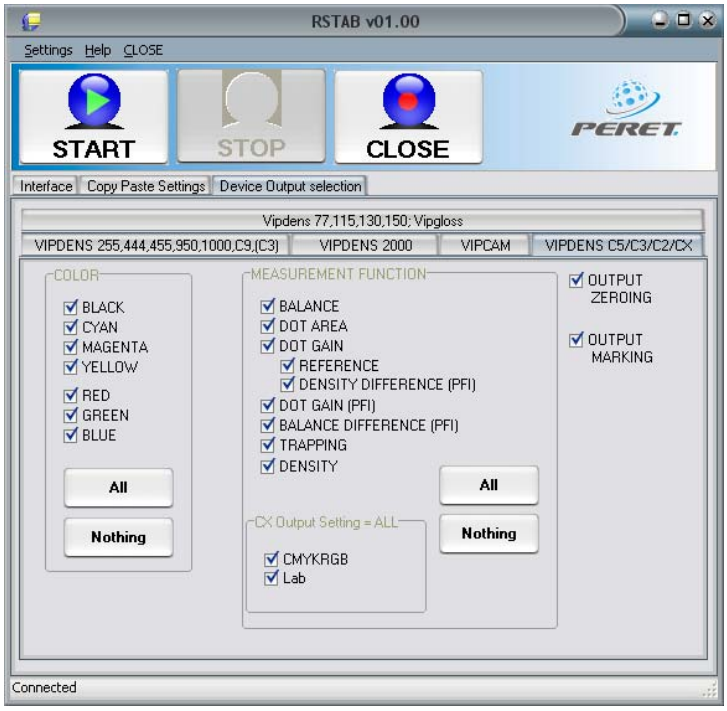
It is recommended to use the *"Automatic"* mode to prevent the accidental entry of incorrect values into a spreadsheet, and corresponding erroneous calculations.

Additional information output

There can be added a time stamp to each single measurement by checking the proper check boxes.

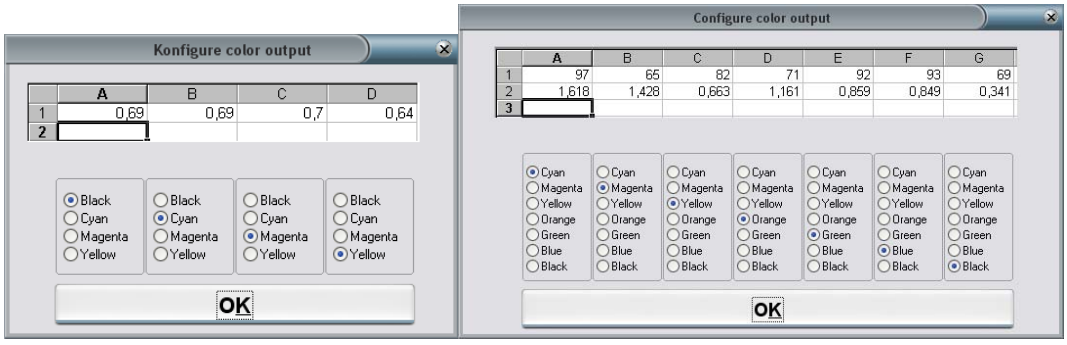
Select and configure the device output

Before you can start to collect measurement data, the device and the device output has to be configured



Select one of the available device groups. Check or uncheck the function, that should be copied. For examply, if you would like to see only CYAN density numbers, uncheck all other options.

Some densitometers do output 4 density numbers at a time. In this case the sequence of colors has to be configurated. Click the configure icon to open the configuration window:



3. START operating

Now click START and open your target application. Set the cursor in your target application to the cell, that should hold the first value.

4. STOP operating

Click STOP if you don’t want to continue to copy measurement data to your application. Click START again to re-start copying data.

5. Trouble Shooting

Error Messages

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Connect the USB Dongle

No data is copied to your application:

- Check the correctness of the settings of your serial interface (PORT / Baudrate). The status bar on the bottom should show ‘connected’
- Check the correct selection of the device page. Each device group does output different formats, only the formats, that fit to the selection will be copied to your application
- Check the connection to your computer. The cable could be not connected properly. You can see, if data is received by checking the memo field in the Interface page.