



Serial Port Data Collect (SPDC)

Topic: Installing and Configuring Serial Port Data Collect (SPDC) Software
Applicable Models: All current Ohaus product



Serial Port Data Collect (SPDC) is a software that will allow you to capture data over available RS232, USB or Ethernet interfaces into Microsoft Excel, Word, Access or a text file from your scale/balance to your computer (running Microsoft Windows).

Getting Started:

Before downloading the SPDC software, you will first need to connect and set up your scale/balance to your computer (if already done, skip to the next section):

- a) Connect your scale/balance to your computer using the correct interface cable (click [here](#) to refer to the Interface Cable Lookup for a list of OHAUS cable part numbers).
- b) Make sure the communication settings of both devices match (click [here](#) to refer to the instructions on interfacing with a computer or custom software).

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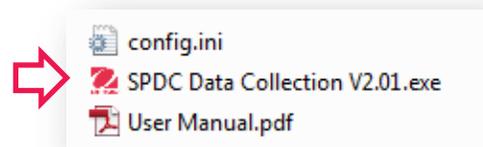
Downloading the SPDC software:

Click [here](#) to download the SPDC software (available on our website on the Software and Drivers page – Serial Port Data Collection) into your PC.

It will download as a zip file so it will need to be extracted to your Desktop. Once extracted, it will appear in the following folder:



Double-click the executable file to run the program:



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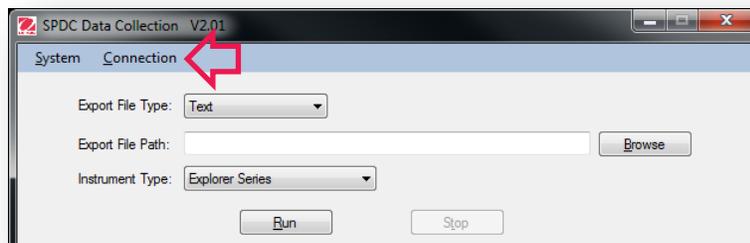


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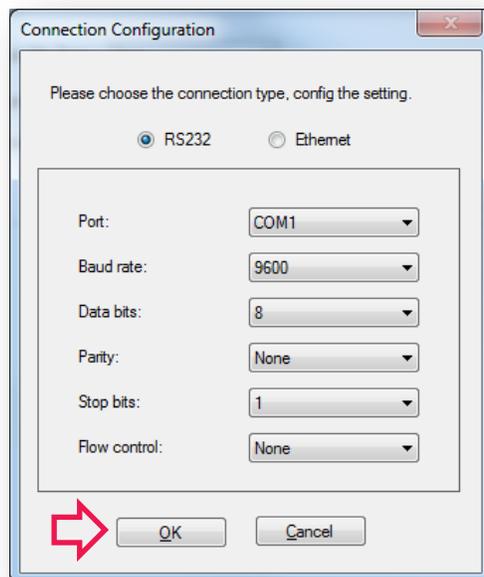
Using the software:

Double-click the SPDC short-cut icon, After it boots up, you will see the following screen.

Click on Connection > Config to make sure your communication parameters matches your scale/balance and are set up correctly.



The Baud Rate, Parity, Stop Bits, and Data Bits should match your scale/balance parameters (refer to the user manual print settings). Click OK if all settings match.



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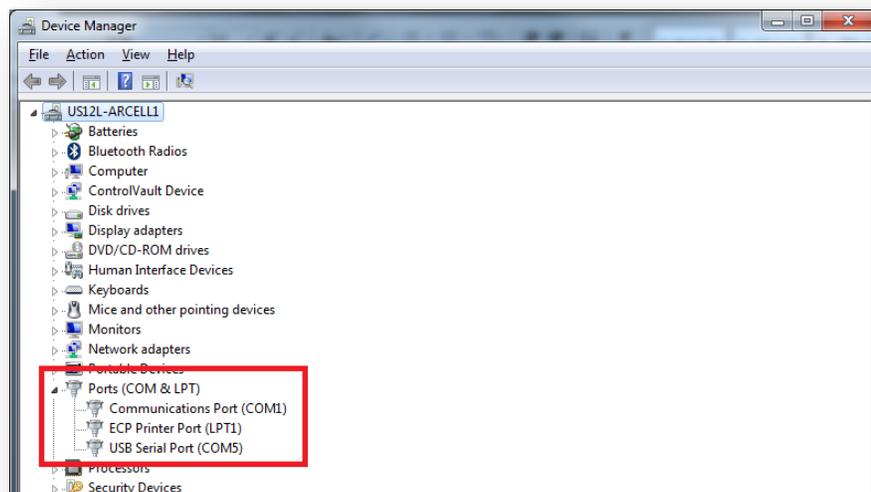
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Notes:

- If using RS232, the COM Port is usually COM1.
- If you are using a USB interface it will create a Virtual COM Port and assign it the next available value (COM2, COM3, etc.).

If you need to confirm which COM port you are using, open the Start Menu and in the search box type "**devmgmt.msc**" then hit Enter.

You will then be presented with this Device Manager window:



Scroll to the Ports (COM & LPT) heading and double-click to expand it.

If using a USB interface it will be listed as a USB Serial Port and have a COM Port assigned to it (in this example, COM5) – use this COM setting in the Port field in SPDC.

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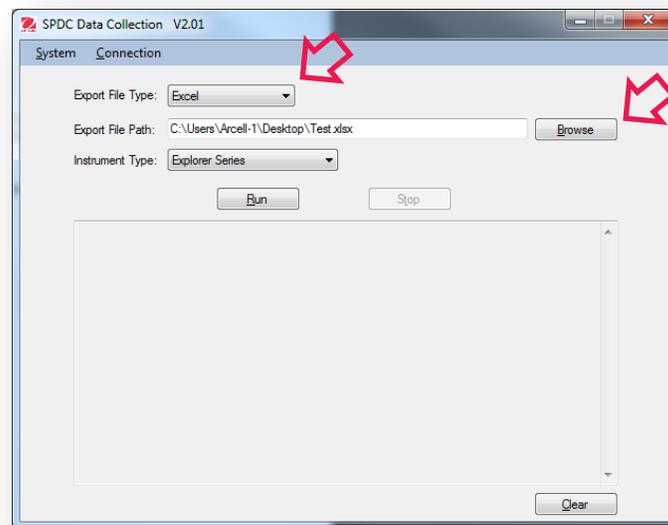
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Back in the SPDC Connection Configuration window, click OK to return to the main screen.

Next, you have to establish a template for use with the program -- usually, this is an Excel Spreadsheet, so just create a blank one in a convenient file location.

Click on Export File Type dropdown to select "Excel" (this should match the file type you created for your template).

Then, click on Browse and specify the Export File Path to that blank template (in this example, to the spreadsheet).

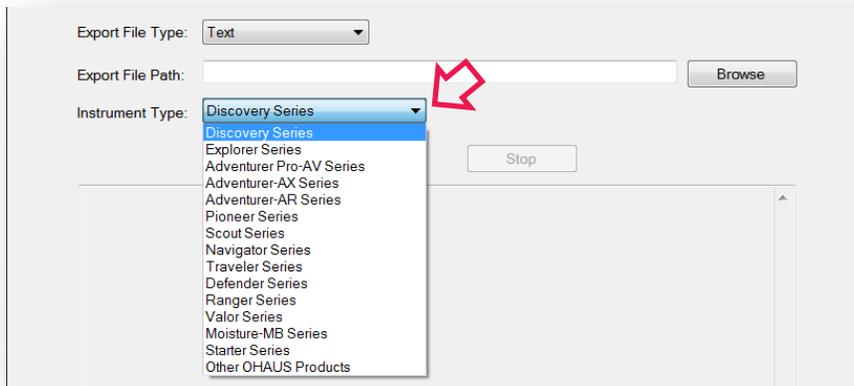


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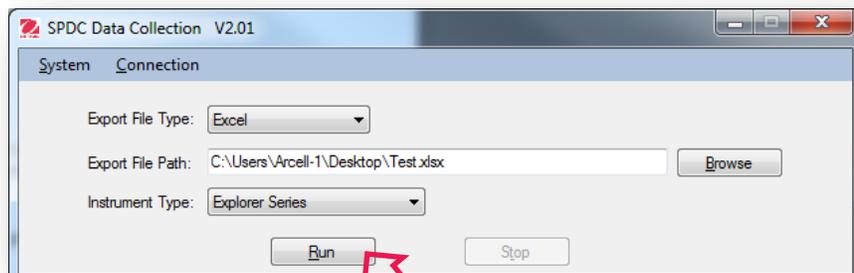


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Next, click on the Instrument Type dropdown to select your scale/balance (select Other OHAUS Products if you do not find your specific model):



Once you click Run, your Excel spreadsheet will open, and when you press the Print key (or if the scale/balance is set up for interval or continuous print), the displayed weight data will be captured into your spreadsheet.

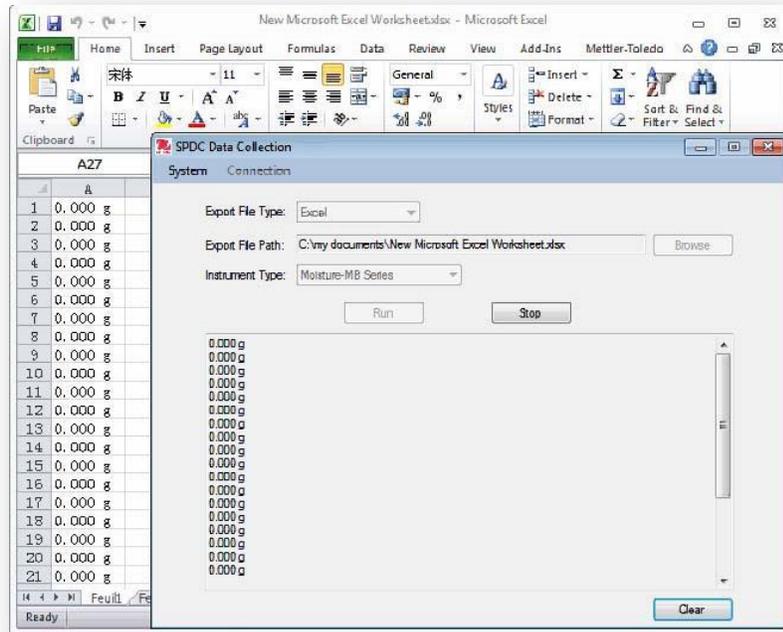


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Following is an example of the captured results in Excel.



Additional Resources:

Click [here](#) to see the SPDC Instruction Manual if you require more information.

For any further questions, please contact us at techsupport@ohaus.com and our Technical Support Specialists can assist you.

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