SBS-2003 Data Capture - Windows 10 Bluetooth Directions

Directions

Download the "SBS-2003-Data-Capture" Excel workbook onto your PC prior to pairing the SBS-2003 via Bluetooth (https://www.sbsbattery.com/media/downloads/SBS-2003-Data-Capture.xlsm).

- If you have already paired your SBS-2003 using a previous version of the SBS Data Capture spreadsheet, then you will need to select current Bluetooth devices and uninstall, un-pair the original pairing of the unit (see the directions at the end of this document under the Troubleshooting section).

The template comes with the COM port assignment defaulted to COM "0". When you first open the workbook, you will get an error message stating that:
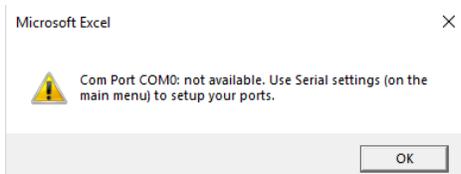
When you see the message above it's time to pair the SBS-2003 with your computer.

To connect a new peripheral to your Windows 10 computer using Bluetooth, use the following steps:

1. Open **Settings**.

2. Click on **Devices**.

3. Click on **Bluetooth & other devices**.

4. Turn on the **Bluetooth** toggle switch.

5. Click the **Add Bluetooth or other device** button to connect a new device.
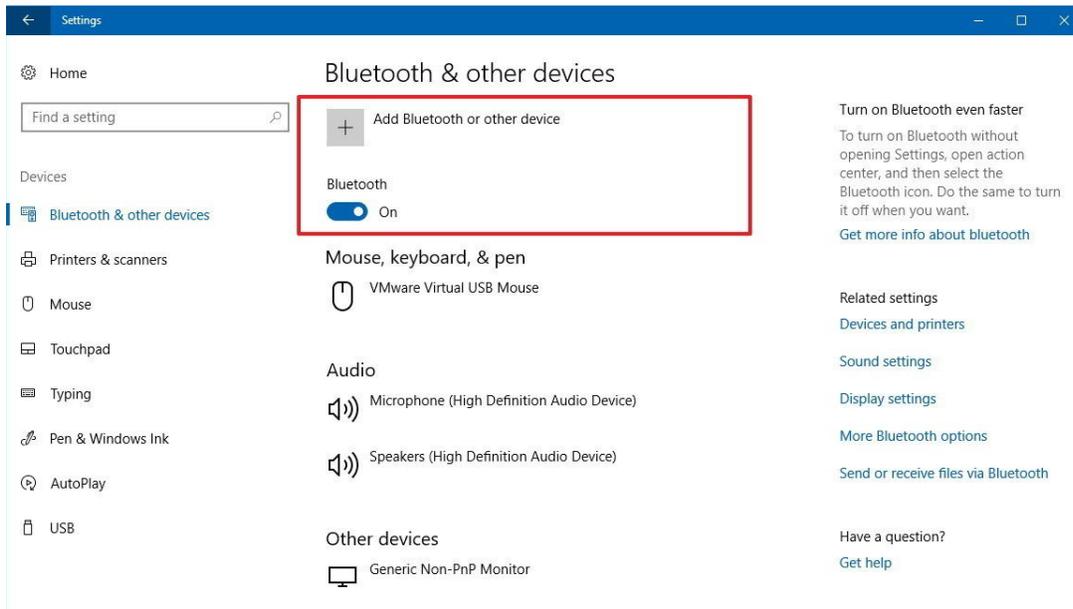
6. Select the Bluetooth option
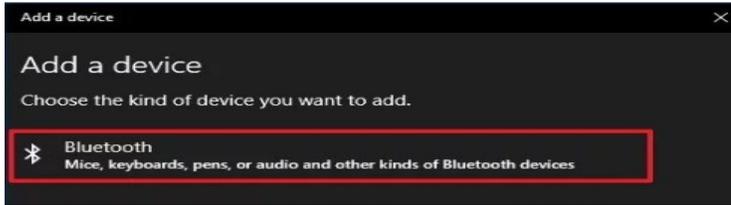
7. Turn on the SBS-2003 unit by pressing the "START" button. Enter the SBS-2003 Menu by pressing "START" and then "SELECT" until the arrow on the display points to the Count and a number displays on the SBS-2003.

   Hold the "SELECT" Key for 3 seconds until the Menu appears and then release.

   Press "SELECT" one time until the display says "SND" and press the "START" button.

   - - - Dashed lines will scroll across the display showing that Bluetooth is active.
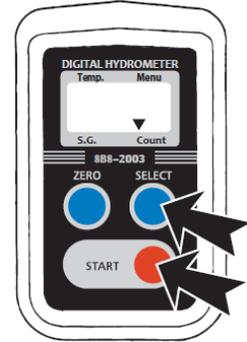
8. It might take a moment, but SBS-2003 will appear in the list. Click to connect.
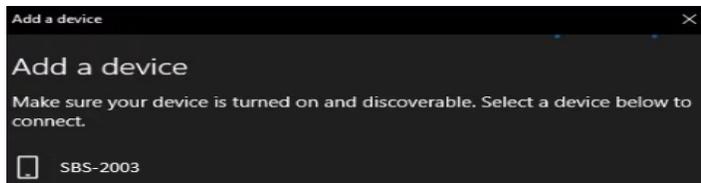
9. Click the Done button.
10. Locate the correct COM Port number that Windows has assigned to the SBS-2003 by typing "Device" into the **Cortana** search bar. Click on the Device Manager. If you don't have Cortana on your device, press and hold (or right-click) the taskbar and select **Search**. Select **Show search box**. Type "Device" in the search box and click **Device Manager**.
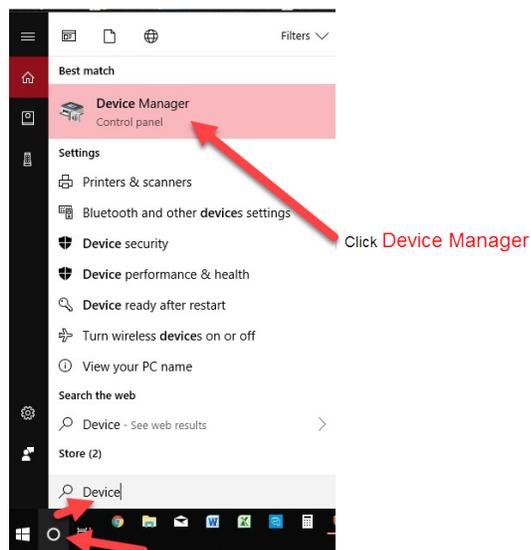
11. Windows will assign two (2) COM Port numbers. Try the 1st number and if you are unable to receive the SBS-2003 data then try the 2nd number. The SBS-2003-Data-Capture Excel workbook will only work with COM Ports 1-9. If Windows assigns a higher number you must manually change it. Once you know the two numbers close the Device Manager.
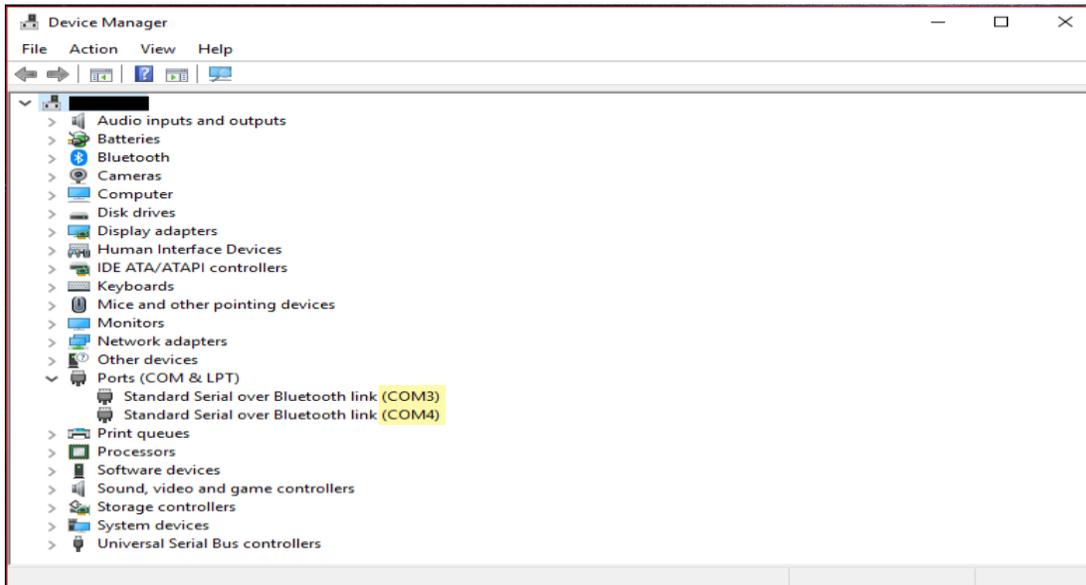
12. The SBS-2003 can now communicate using Bluetooth.

13. Open up the "SBS-2003-Data-Capture" spreadsheet and click **Enable Editing** if prompted.
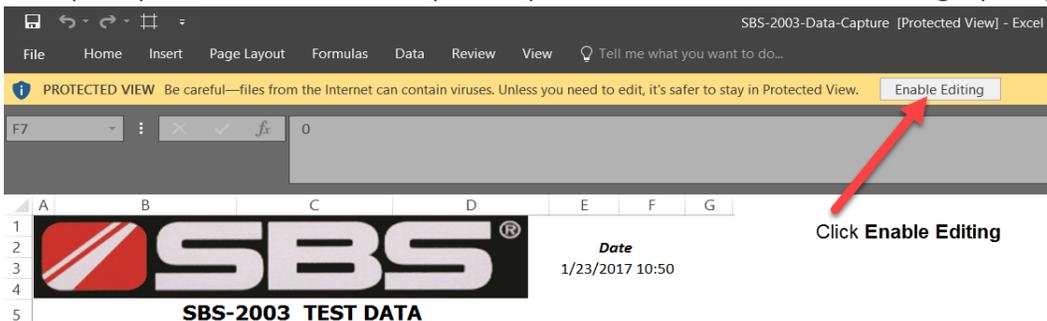
14. Click **Enable Content**
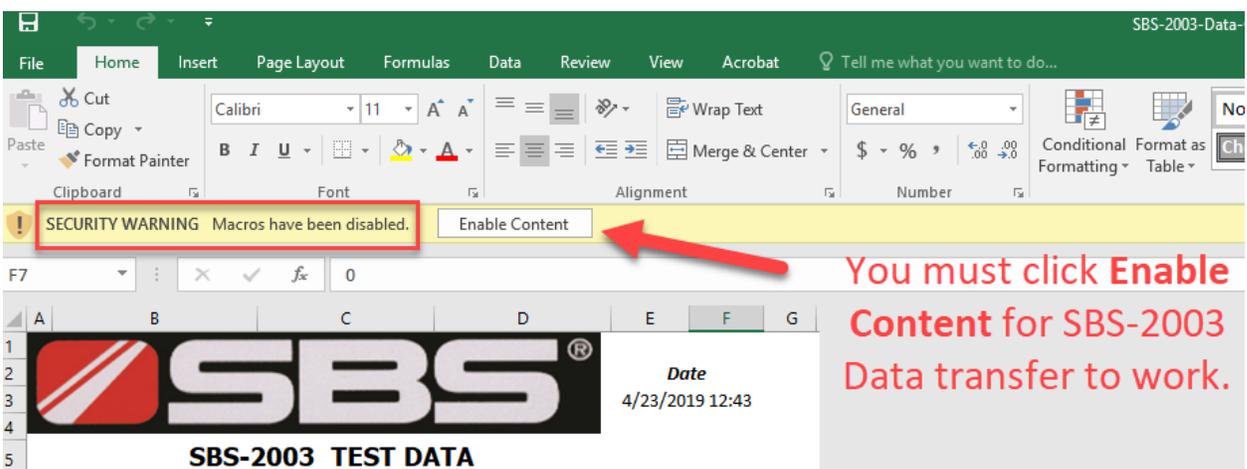
15. Type in the correct COM Port number, *Save* and close the Spreadsheet.

16. Open the Spreadsheet again with the saved COM Port number. You must **double** click the *COM Port number field* you set to be able to receive data. Next, click in an empty spreadsheet cell such as cell number 20. The data can now be received.

1. You must **Double click** the COM Port number field to activate the workbook to receive the data.

2. Click in an empty spreadsheet cell such as cell number 20. The data can now be received.

17. Turn on the SBS-2003 and follow the '**Transfer Data from the SBS-2003 into the Excel Template'** steps directly below to send the data via Bluetooth.

Transfer Data from the SBS-2003 into the Excel Template

- With the workbook open, Power on the SBS-2003 by pressing the "START" button.
- Press the "START" button one time to remove the "ON" message displayed on the screen.
- Press the "SELECT" button one time to move the arrow pointer on the SBS-2003 to the COUNT on the display. The display will show the total number of readings that are stored in the memory of the SBS-2003.
- Hold the "SELECT" button for three (3) seconds to enter the SBS-2003 Menu System.
- When in the Menu System, press the "SELECT" button one time to reach the "Snd" command and press the "START" button to activate the Bluetooth data transmission.
- - - - Dashed lines will scroll across the display indicating the SBS-2003 is communicating.

18. Once the data has populated the workbook you can Print and/or Save the data. Make sure you Save the workbook using a different name than the Template so that you don't overwrite the Template. The COM Port number can be saved, but the data cells of the Template must be empty in order to receive new data for your next Specific Gravity readings.

Troubleshooting

Unpair or disconnect Bluetooth devices if you're having troubling connecting your SBS-2003. Follow these steps:

1. Open **Settings**.
2. Click on **Devices**.
3. Click on **Bluetooth & other devices**.
4. Select the peripheral.
5. Click the **Remove device** button.
6. Click the **Yes** button to confirm.
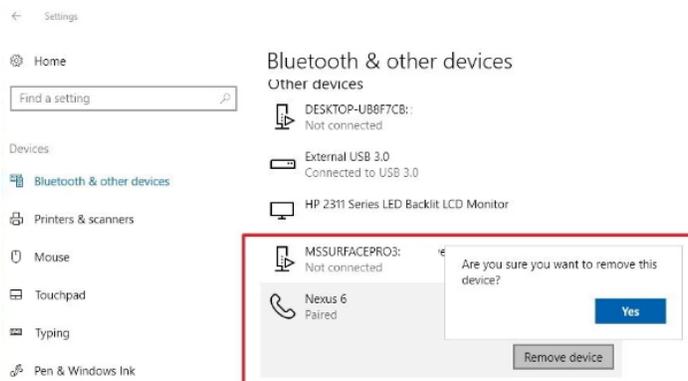
1. Proceed to connect your Bluetooth device with the previous settings now cleared.