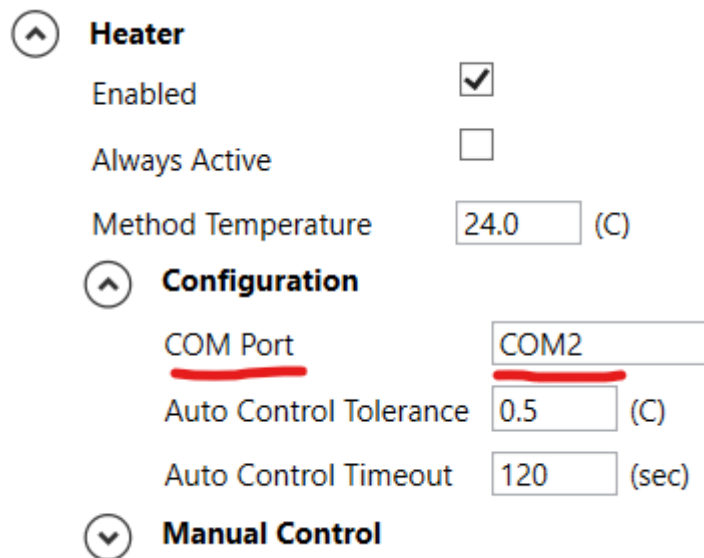


SEP.SDi2.001 – Standard Procedure for the SDi2 Heater Communication

- 1.1 To get the heater communicating with the software again we need to check that the Heater COM port number matches with where the software is expecting to find it.
- 1.2 Navigate to the Windows “Devices and Printers” window.
- 1.3 Right click on the Heater USB Device and select Properties.
- 1.4 Go to the Hardware tab and read the COM port number of the USB serial port (see attached screen grab)
- 1.5 Open SDi2 Collection Software and open the Advanced tab.
- 1.6 Scroll to the Heater options section and enter the correct COM port number (as read from step 3) into the COM port box. The COM port number should be in the format COMX (where X is your port number) with no spaces before or after the number.



The screenshot shows the configuration window for the SDi2 heater. It is divided into three sections: Heater, Configuration, and Manual Control. The Heater section has three options: 'Enabled' (checked), 'Always Active' (unchecked), and 'Method Temperature' (set to 24.0 C). The Configuration section has three options: 'COM Port' (set to COM2), 'Auto Control Tolerance' (set to 0.5 C), and 'Auto Control Timeout' (set to 120 sec). The Manual Control section is currently collapsed.

Section	Option	Value
Heater	Enabled	<input checked="" type="checkbox"/>
	Always Active	<input type="checkbox"/>
	Method Temperature	24.0 (C)
Configuration	COM Port	COM2
	Auto Control Tolerance	0.5 (C)
	Auto Control Timeout	120 (sec)
Manual Control		

- 1.7 Click out of the COM port box and the software should attempt to connect to the heater via the new port. Ensure the Heater tick box for Enabled is checked.
- 1.8 If you do not see connection immediately, close the software, reboot the instrument and reopen the software again to check the connection.
- 1.9 Let me know how you get on with these steps, if you come across any problems, please send me screengrabs of the errors you are seeing.