Flow Digital Software: Installation instructions

Mireia Benito Montaner, Matthew R. Penny and Stephen T. Hilton

UCL School of Pharmacy, 29-39 Brunswick Square, London WC1N 1AX

GITHUB LINK: [GitHub - sthilton/Proteus-Flow-Digital-]

Step1:

Unzip the Deploy Software and double click on the Install Proteus Flow.msi file (Figure 1).

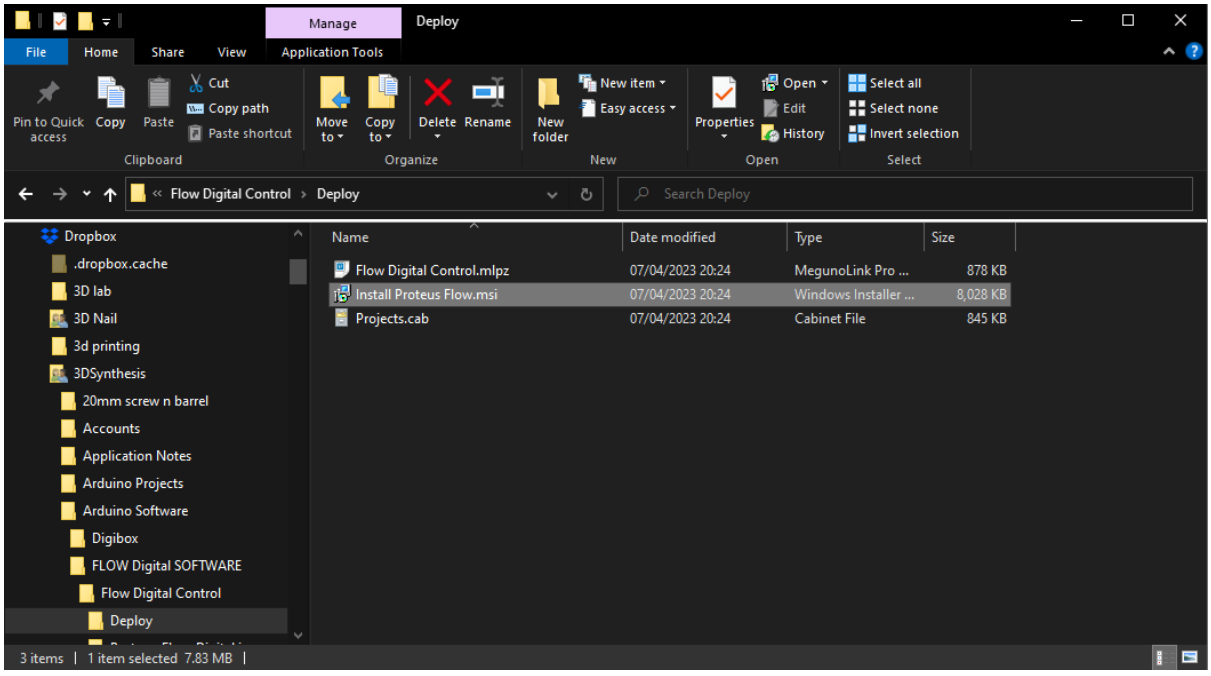

Figure 1.

Step 2:

Once double clicked, run the installer and follow the instructions by clicking next and installing at the required location (Figure 2).

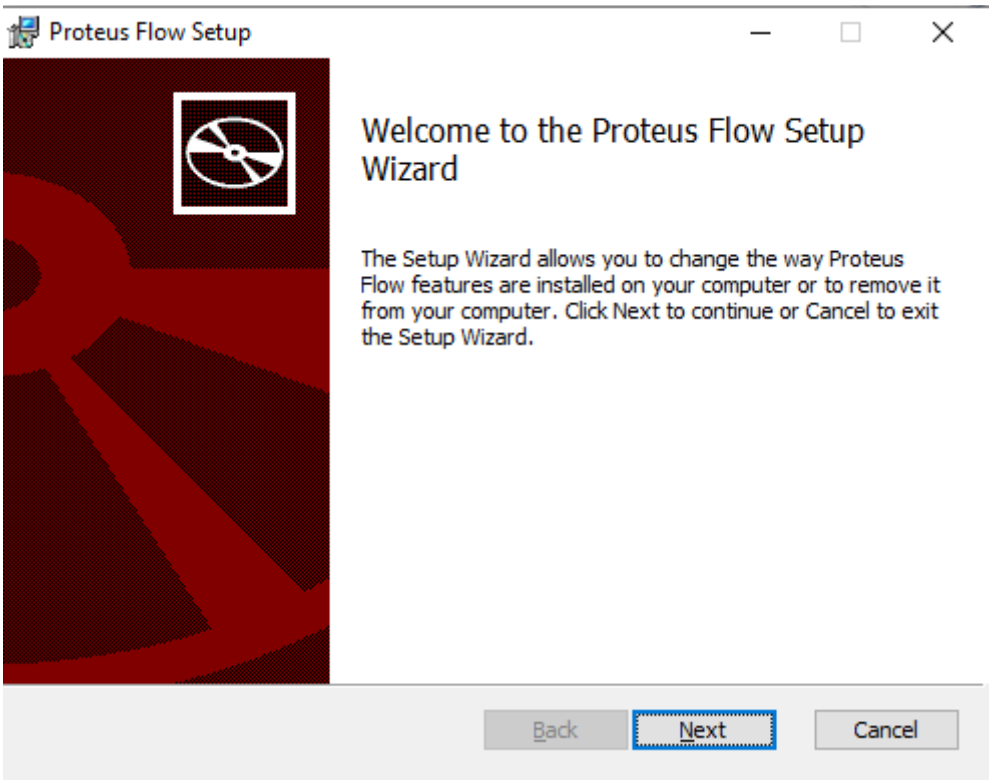

Figure 2

Step 3:

Once complete, click finish and the installation of the file is complete (Figure 3).

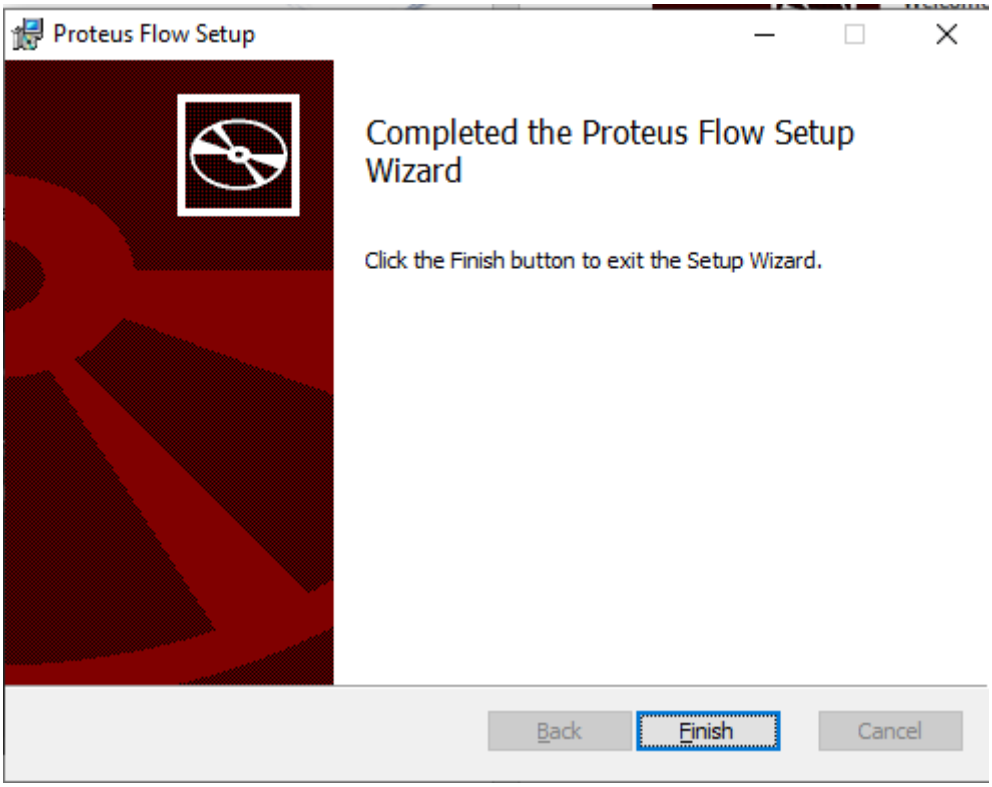

Figure 3

Step 4:

To run the program, simply find Proteus Flow, or the Proteus Monitoring in the Windows Menu system (Figure 4).

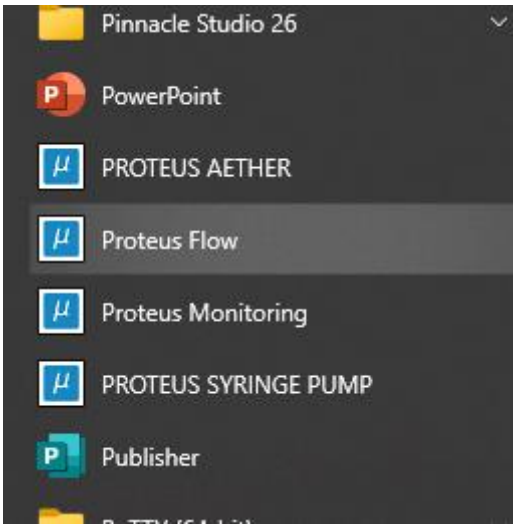

Figure 4

Step 5:

Once the menu has loaded up, simply select the Arduino connection to the PC (Figure 5).

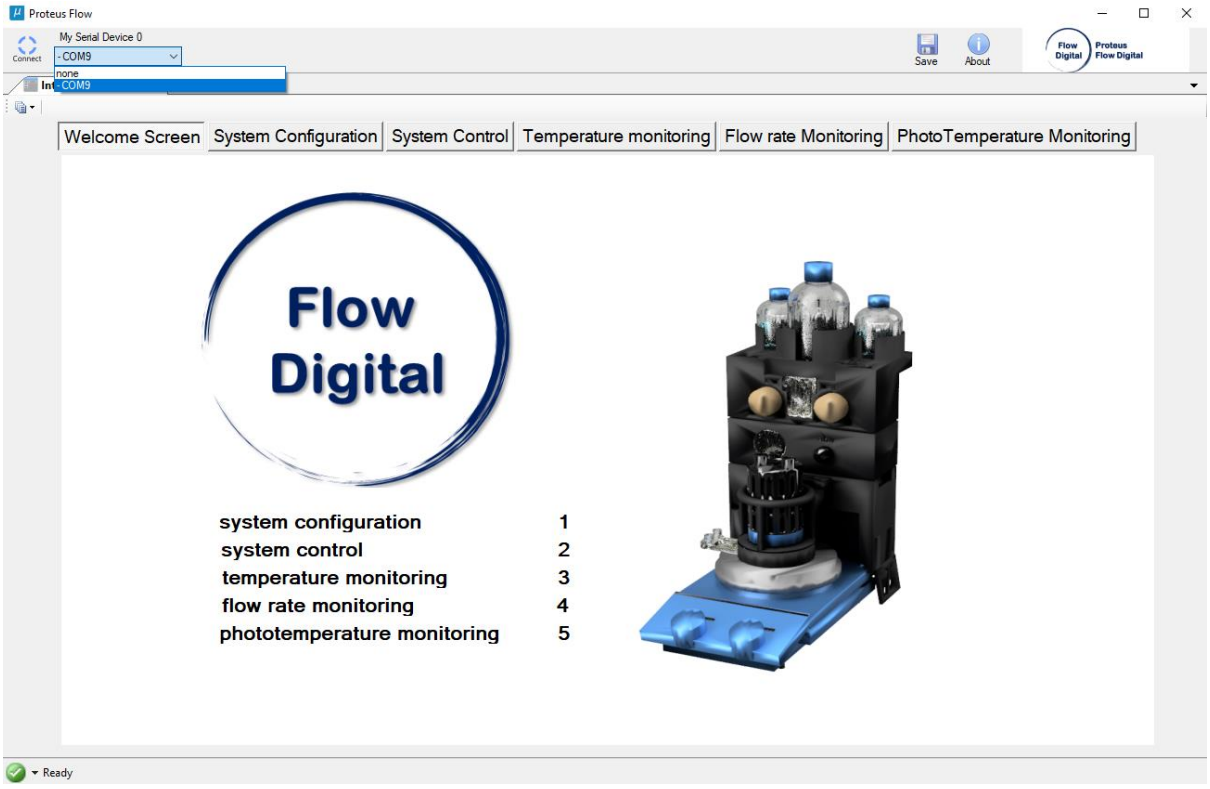

Figure 5

Step 6:

Click on the connect button (Figure 6).

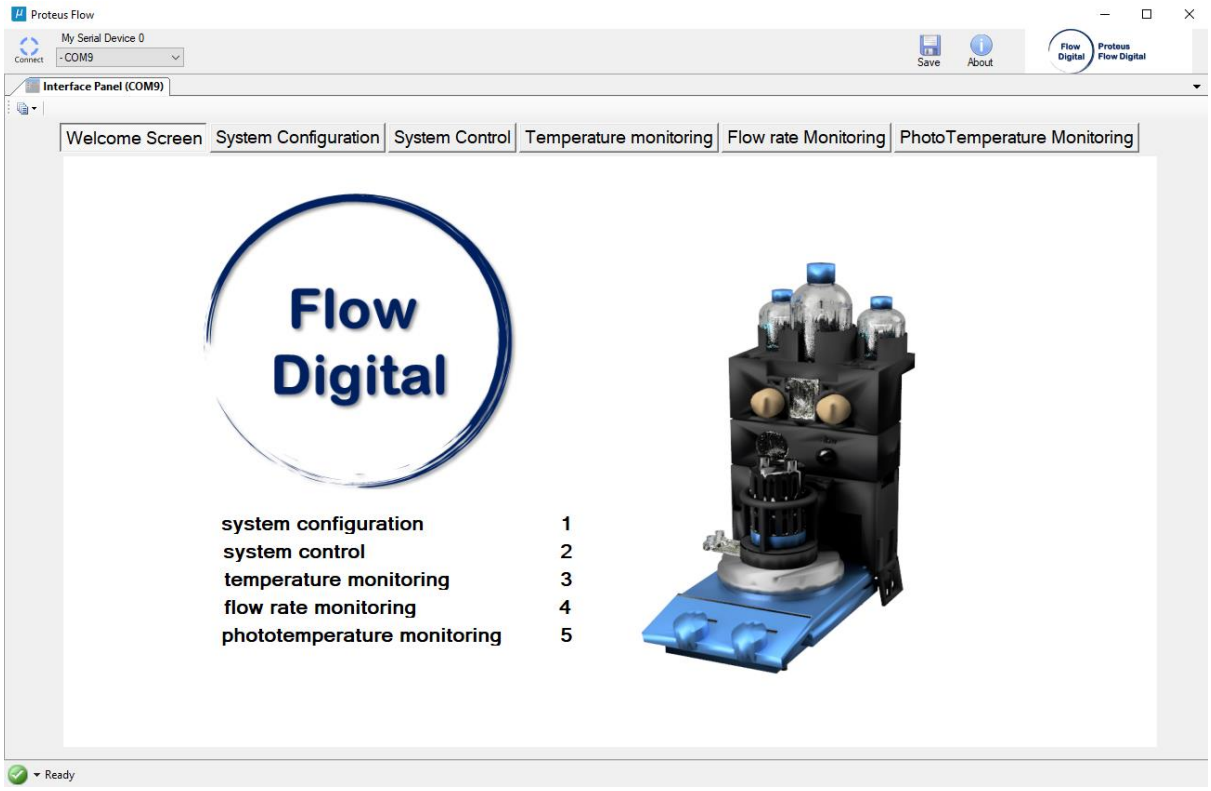

Figure 6

Step 7:

Set the system configuration to select the number of reactors for the system, the solvent type and various collection variables (Figure 7).

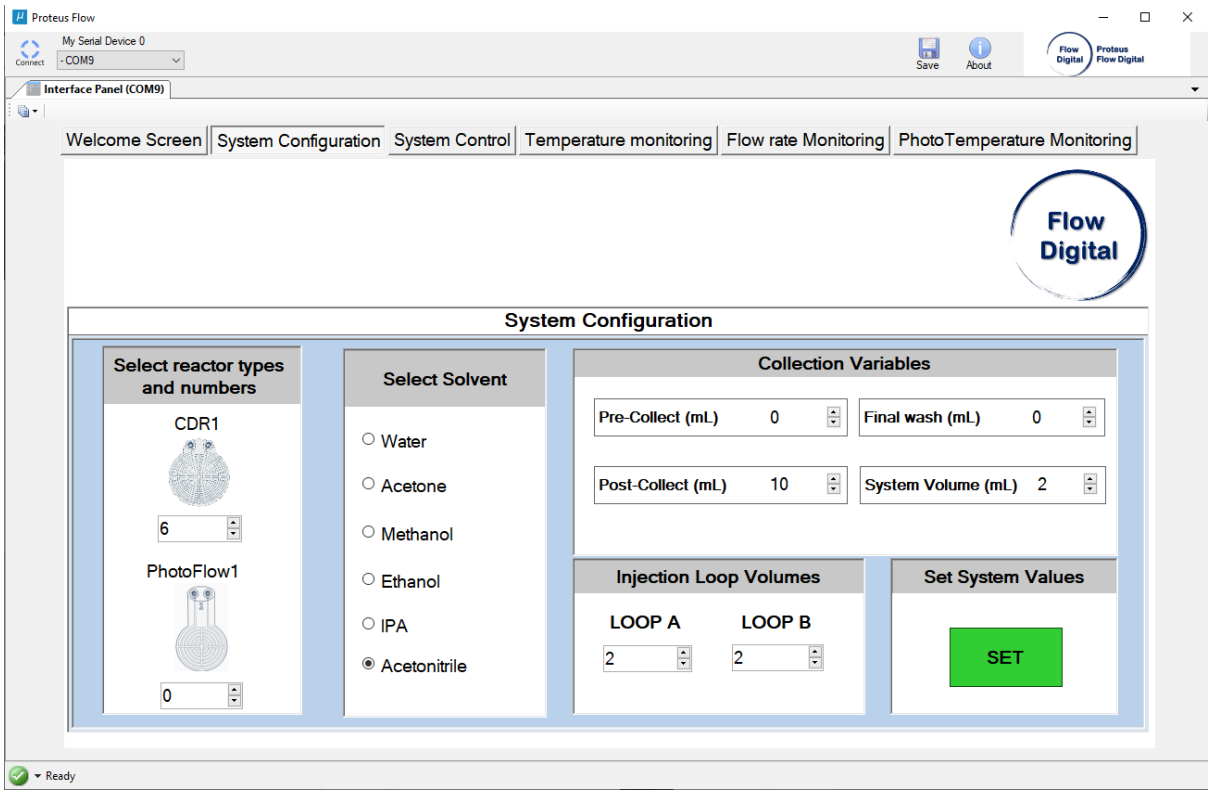

Figure 7

Step 8:

Set the system with the correct capillary, pressure and required injection volume and then click RUN on the reaction start section. Alternatively, simply switch to continuous run mode for manual control of the solenoid valves. Users can also open and close solenoid A and B by selecting reagent A or B on and off buttons (Figure 8). Once the user has clicked on start, the progress bar will then display the reaction progress and the bar will turn fully green once complete.

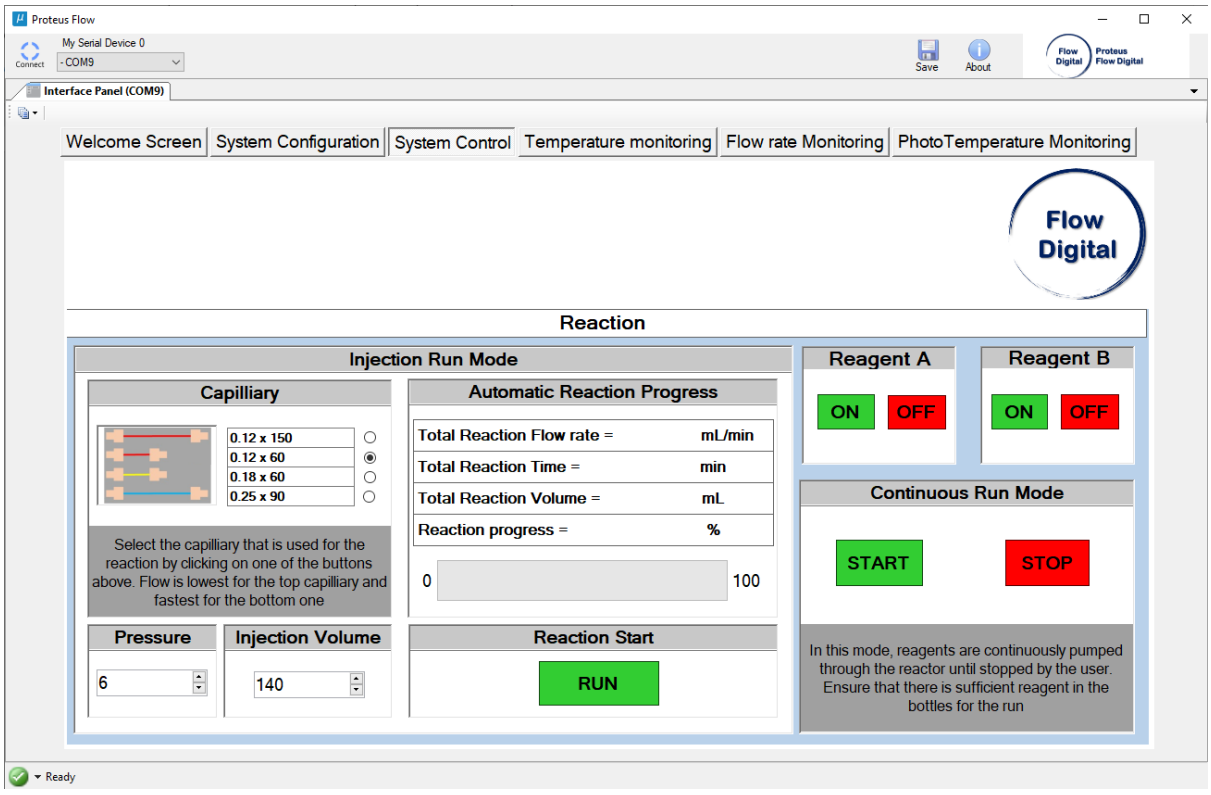

Figure 8

Step 9:

To monitor the temperature, flow rate or photo temperature, simply click start in the appropriate tab window (Figure 9).

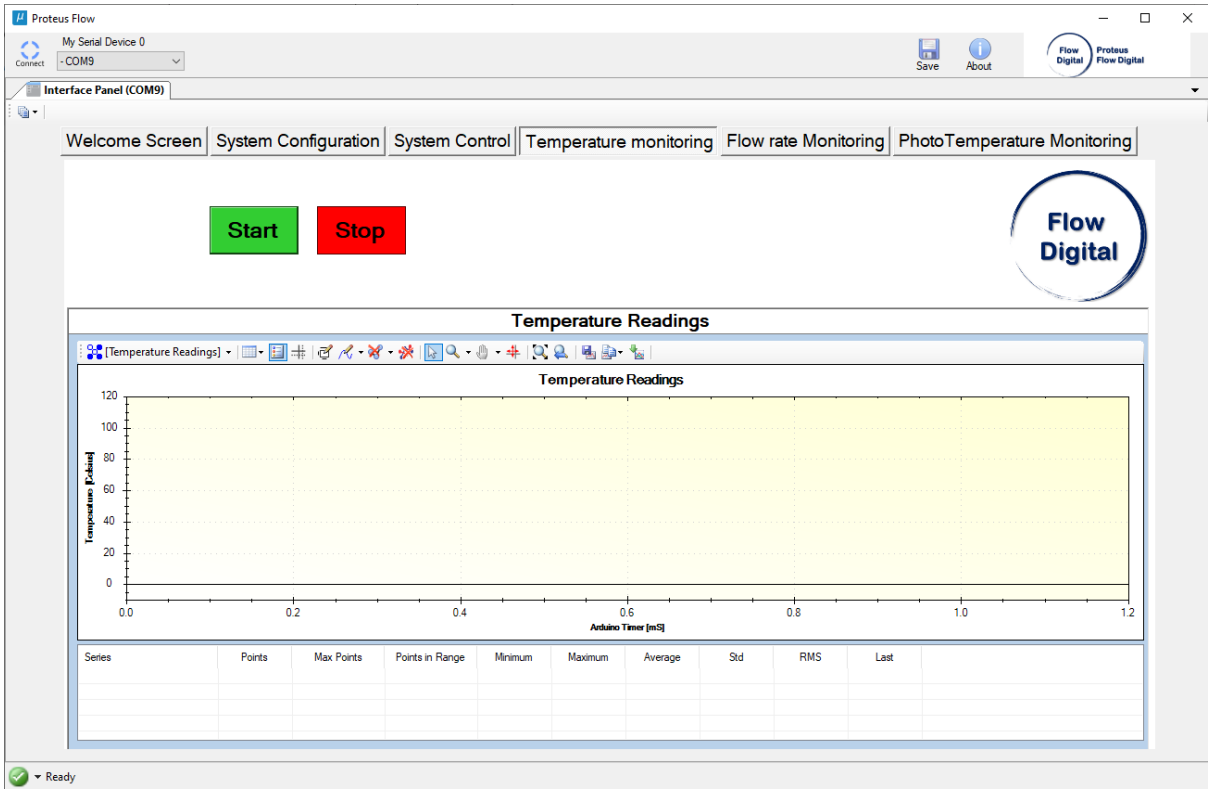

Figure 9