Pico Ion Station Recovery Set Up

1. Open Modbus Poll application.
2. Open 4 windows in total, by double-clicking the Modbus poll icon (on the desktop).
3. Close any internal windows that might have opened with the program.
4. You can either press “File” then “Open” and open 1 window at a time or open “File Explorer” locate the group that you want to open, highlight all the “Analyzer” files for that group and drag them to the desired window to open them all at once.

The file is located on the “Documents” section, and they will be in the folder named “Groups”.

1. Connect them to the appropriate “port”.

Go to “Connection” then “Connect” and pick the correct “Serial Port” that belongs to the group.

The list of the ports with the group channels it belongs to should be on a sticky note to the top right of the monitor. (If not there or it says it’s the incorrect serial port, you will need to test each port one by one)

Hint: Before you start testing each port for whatever reason, you should make sure that all the “main” windows are disconnected, some windows will try to automatically connect to a serial port, but most likely it’ll be the wrong one.

1. Now you need to match the appropriate file to the appropriate Chanel.

Go to the Set-up. Click Browse. Check the box that says “Append” and pick the corresponding file matching the corresponding CH. It will ask you that the file already exist, and you want to replace it, click yes.

1. Click on the top of the inside windows where it says “Analyzer #” for every window inside the “main” window going backwards. (e.g., 10, 9, 8, …..)
2. Click on “Window” on the top menu, then on “Tile” to rearrange all the Analyzer windows in the correct order.
3. To set up the graph, go to “Display” on the top menu, then on “Real Time Charting”. This will open the chart that will do on the horizontal screen.
4. To link the “Analyzer” to the Chart, right-click on the Oxygen reading (##.#) then “Link to chart”. Pick the corresponding series. (analyzer 1 with series 1 and so on, do this for all the Analyzers in each grouping, every group will have its own chart.)

Hint: Sometimes the chart will connect automatically to something, it is best to unlink all and manually link each one. To unlink them go to the analyzer window and right-click on any part of the window and press “Unlink all”.

1. On the Chart go to settings and change the title from whatever is there to match the file name, for example if its “Analyzer 1” you can change the title to “Analyzer 1”, or just “1”. Do this for all on each chart.
2. On the chart, click on “legend”.
3. Click on the drop-down menu and select continue.
4. On “Y axis left” change the max to at least 350.