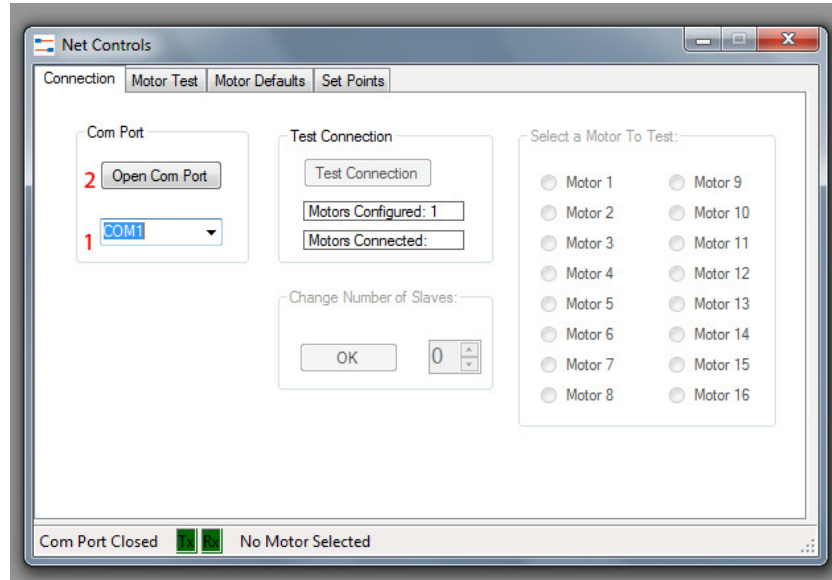


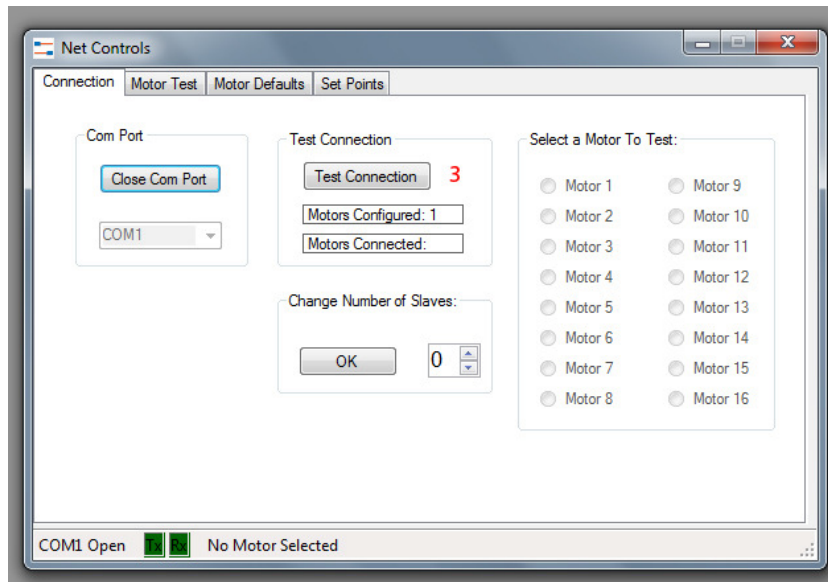
NET CONTROLS MOTOR CONFIGURATION SOFTWARE

Start the program.



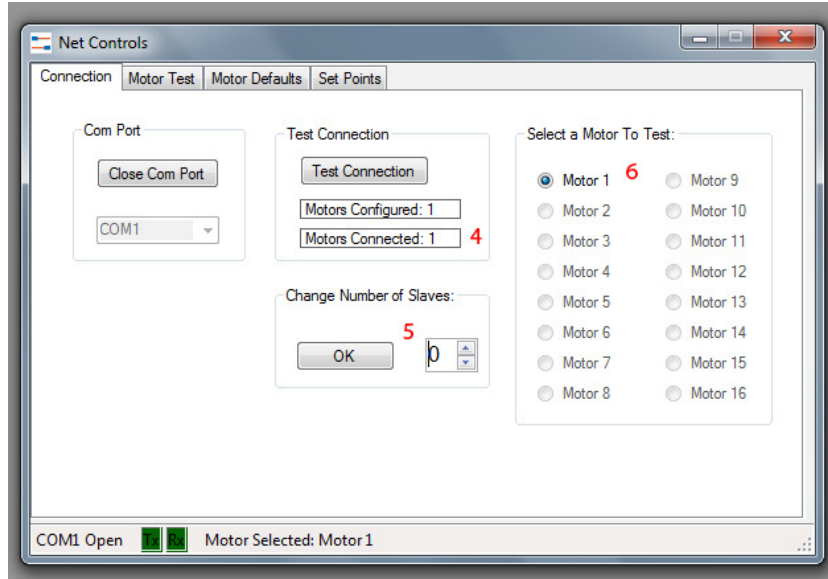
Connection tab

1. Select the serial port
2. Press *Open Com Port*



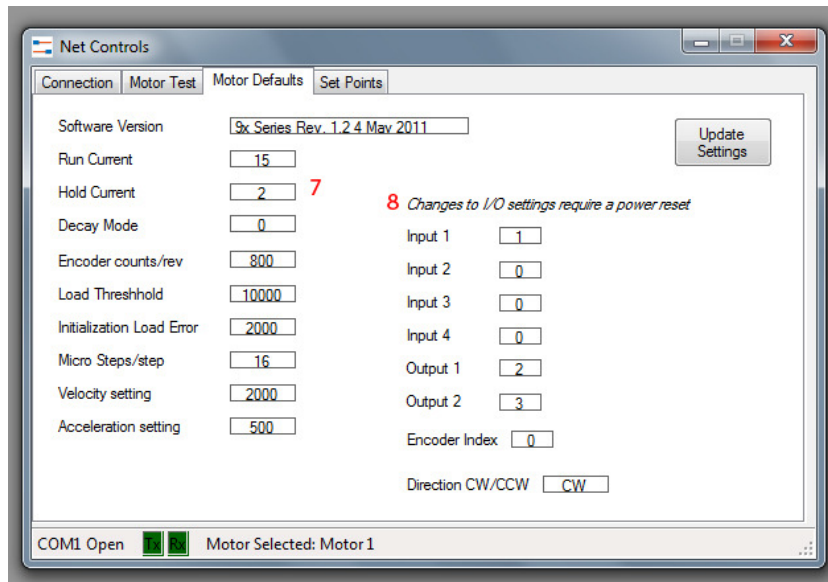
Connection tab

3. Press *Test Connection*. The program will scan for a master and all attached slave motors. The motor Defaults and Set Points will then be read.



Connection tab

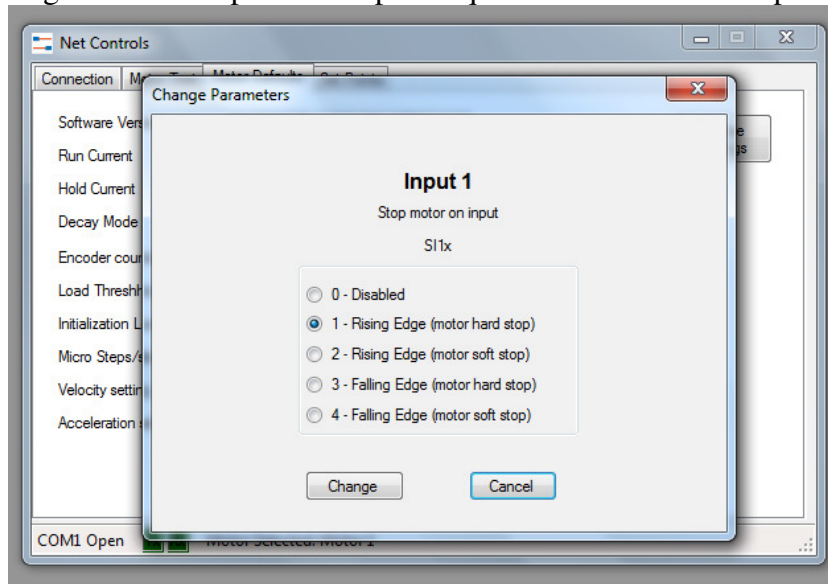
4. The number of attached motors is displayed
5. To add more Slave devices input using the thumb wheel. Press *OK* and then press *Test Connection*
6. Select a motor to configure
Click on the *Motor Defaults* tab



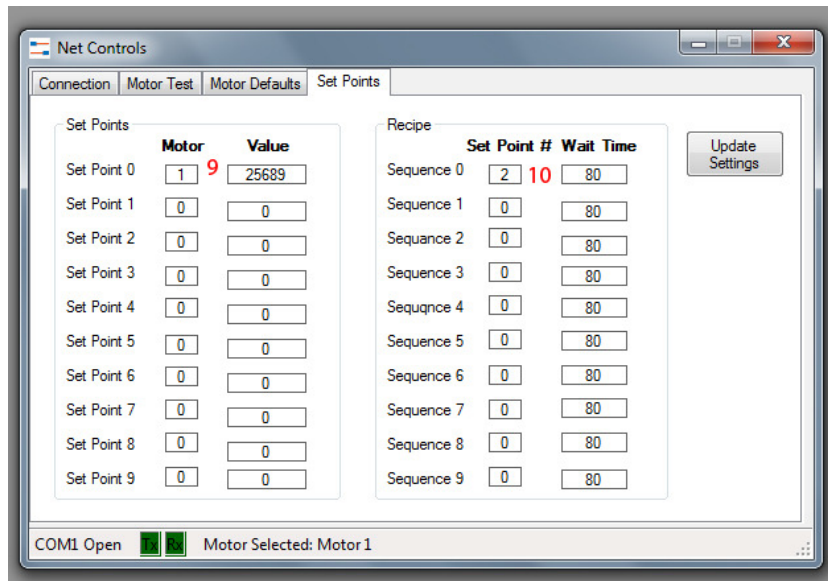
Motor Defaults tab

- The defaults currently loaded in the controller are displayed
7. Click on any parameter value to open a parameter change window

8. Any changes made to Inputs or Outputs require a motor controller power off/on.



Parameter Change Window



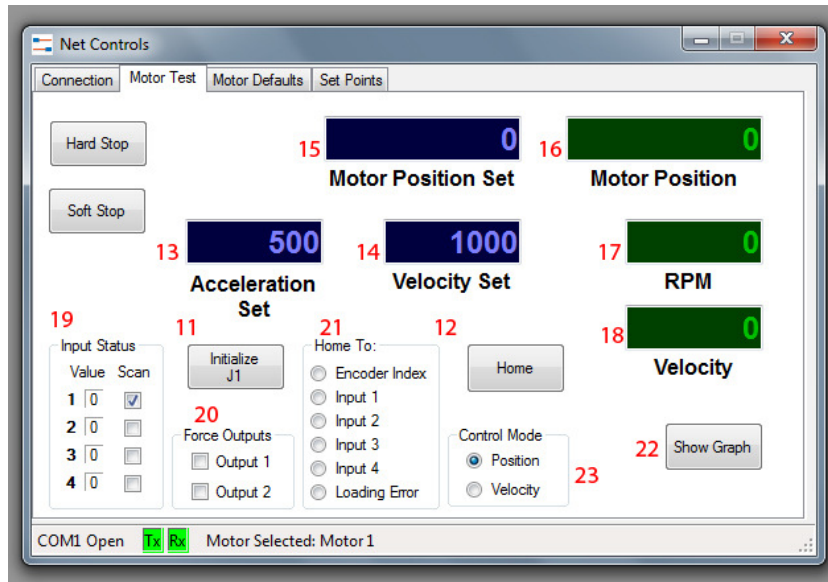
Set Points tab

Click on the *Set Points* tab

9. Click on the *Motor* or *Value* parameter for set points 0-9 to open a parameter change window.

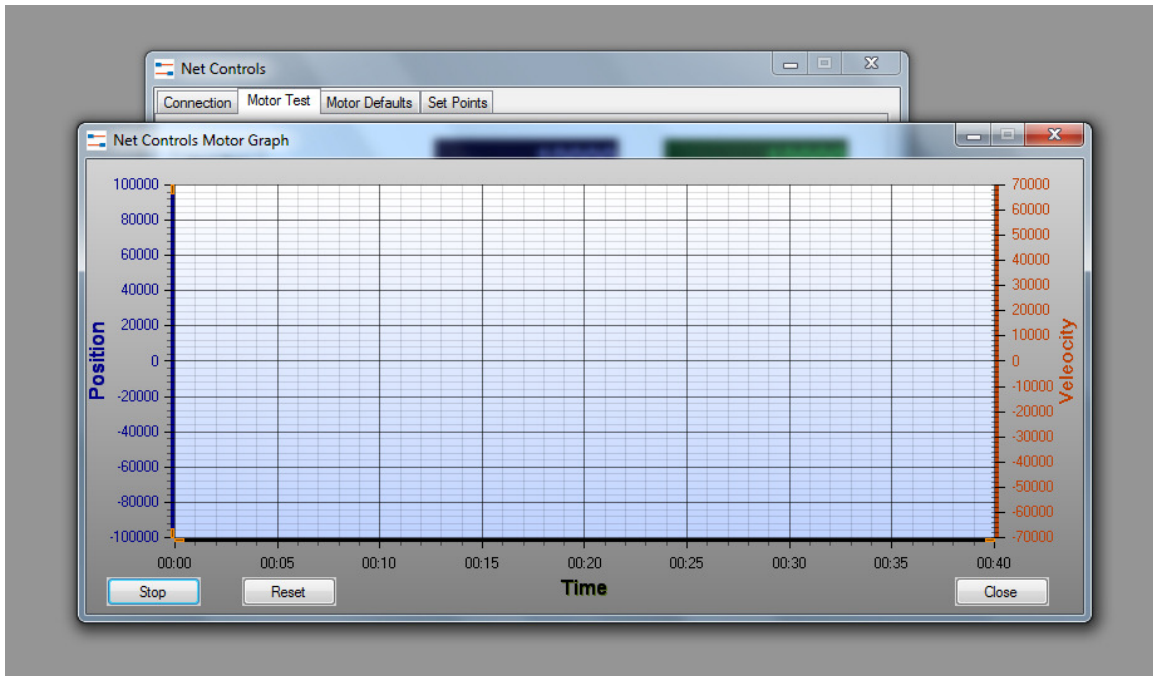
10. Click on the *Set Point #* or *Wait Time* for sequence 0-9 to open a parameter change window

Click on the *Motor Test* tab



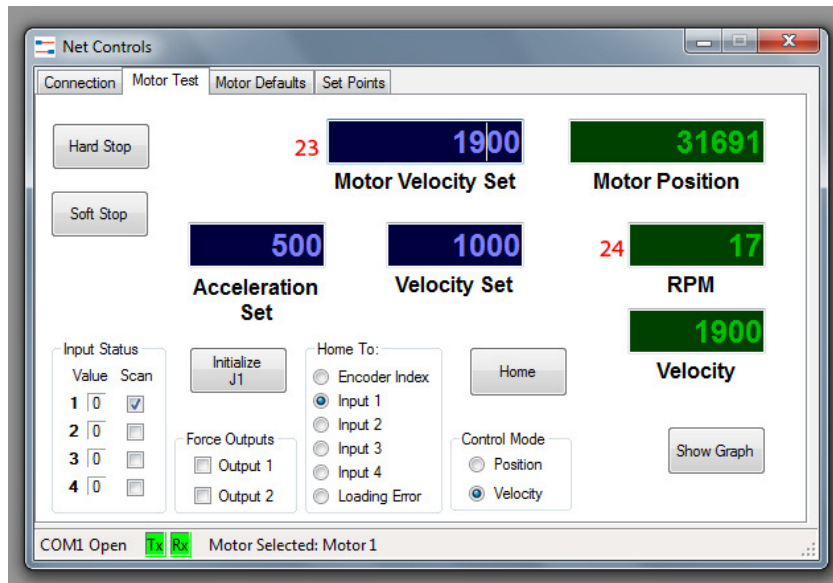
Position Mode

11. Click on the *Initialize J1* button
12. To Home the motor select the method of homing (21) and press *Home*. The Encoder Index, Inputs, and Loading Error are configured in the *Motor Defaults* tab.
- Caution:** the motor will start to move.
13. Enter the Acceleration. Press the keyboard **Enter** key to set
14. Enter the Velocity. Press the keyboard **Enter** key to set
15. Enter the desired motor position. To set the value and start the motion press the keyboard **Enter** key.
- Caution:** the motor will start to move.
16. *Motor Position* display (read only)
17. *Motor RPM* display (read only). Active only in *Velocity* mode
18. *Motor Velocity* display (read only). Will display 0 when there is no motor movement.
19. *Input Status*. Check the *Scan* box to monitor the status of Inputs 1-4. Scanning multiple inputs will slow the response time of the motor position display.
20. *Force Outputs*. Click to force outputs on/off
21. *Home To*. Select the method of motor homing
22. *Show Graph*. Click to display/hide the graph
23. *Control Mode*. Switch between **Position** and **Velocity** modes. If the graph is visible close and reopen the graph when changing modes.



Graph in Position Mode

Drag the orange handles along the left Y-axis to change the Position scale value. The right Y-axis (Velocity) is fixed at 70000



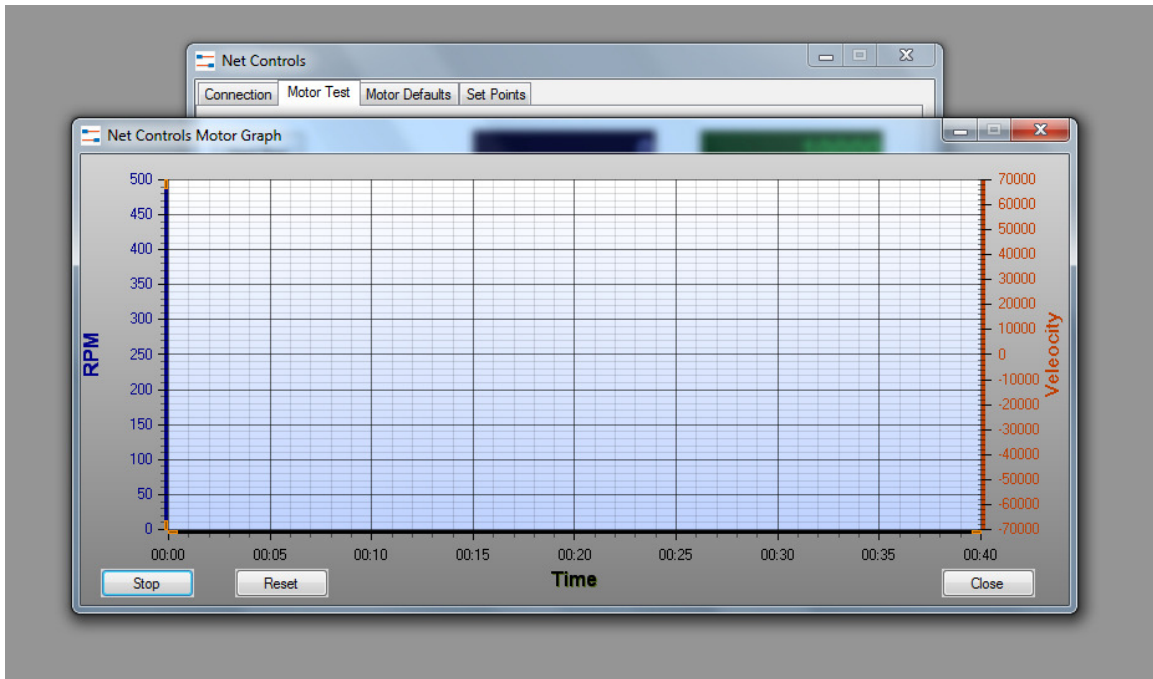
Velocity Mode

23. Enter the motor *Velocity* setting and press the keyboard **Enter** key.

Caution: the motor will start to move

Enter 0 to stop or press the *Hard Stop* or *Soft Stop* button

24. Motor *RPM* display



Graph in Velocity Mode

Drag the orange handles along the left Y-axis to change the RPM scale value. The right Y-axis (Velocity) is fixed at 70000.