

Quadra-Chek Setup Procedure (QC100 Series)

TO ENTER SETUP MODE:

Press the following keys:

Menu
Setup

Press the down arrow key until “Supervisor” option is highlighted

Press the right arrow key and enter the code 070583

Press the left arrow key (“Supervisor” should now be highlighted)

The readout is now in **SETUP MODE**

TO DO A Velmex Default (same as Medir and J2X defaults)

- 1.) Follow Steps to enter setup mode
- 2.) Press the down arrow key until “Port” is highlighted
- 3.) Press the right arrow key (Value for Baud should now be highlighted)
- 4.) Press “Dec” or “Inc” until the value for Baud reads “9600”
- 5.) Press the down arrow key (value for “Word Len” should be highlighted)
- 6.) Enter a value of “8” for Word Len
- 7.) Press the down arrow key (value for “Stop Bits” should be highlighted)
- 8.) Enter a value of “2” for Stop Bits
- 9.) Press the down arrow key (value for “Parity” should be highlighted)
- 10.) Enter a value of “None” for Parity
- 11.) Press the down arrow key (value for “Data” should be highlighted)
- 12.) Enter a value of “Position” for the serial data
- 13.) Press the down arrow key (value for “Parallel Data” should be highlighted)
- 14.) Enter a value of “None” for the parallel data
- 15.) Press the left arrow key to return to the menu

Power cycle the Quadra-Chek and test your communications with your software. (See Troubleshooting if your Quadra-Chek is still not communicating).

To change the Resolution do the following:

- 1.) Follow Steps to enter setup mode
- 2.) Press the down arrow key until “Encoders” is highlighted
- 3.) Press the right arrow key (Axis selection should now be highlighted)
- 4.) Select the axis that you wish to change the resolution on
- 5.) Press the down arrow key (“Rad/Dia” value should now be highlighted)
- 6.) Select “No” for the Rad/Dia
- 7.) Press the down arrow key (“Res” value should now be highlighted)
- 8.) Enter the resolution of your encoder. (See Velmex Default Resolutions if unsure what value to use).
- 9.) Press the down arrow key until “Reversed” value is highlighted
- 10.) Enter “No” or “Yes” for the Reversed value (see below for which option to choose)

If Linear encoder **AND** mounted on a BiSlide (Enter “Yes”)
Otherwise (Enter “No”)

- 11.) Press the down arrow key and select your units of measure

Press the left arrow key (Menu selection should now be highlighted)

To change the Display Units do the following:

- 1.) Follow Steps to enter setup mode
- 2.) Press the down arrow key until “Display” is highlighted
- 3.) Press the right arrow key (“Startup Linear selection should now be highlighted)
- 4.) Select the linear units you wish to be displayed.
- 5.) Press the down arrow key (“Startup Angular” value should now be highlighted)
- 6.) Select the rotary units to be displayed
- 7.) Press the down arrow key until your display units is highlighted
- 8.) Enter the display value to be used (Typically the same value as encoder resolution)

Press the left arrow key (Menu selection should now be highlighted)

Troubleshooting:

My QuickCheck will not communicate with my computer.

- 1.) Follow the steps for a Velmex Default
- 2.) Test communications
- 3.) If still problems, check if cable is the one from Velmex