Start Screen:

Chart, table

Description automatically generated

Select sub screen.

CUT = go directly to cutting wire

FEED = feed wire in/out

TEST = test stepper(s) , check steps and modes.

CUT | Screen 1:

Chart

Description automatically generated

Enter details here. Can change from mm to inch. Looks like this is +/- .2inch or +/- 2mm

CUT | Screen 2:

Chart

Description automatically generated

This is the details that are entered, non-editable on this screen. START begins the process.

Once started a STOP button will be shown, if pressed cycle will stop after current cut.

FEED | Screen 1:

Graphical user interface

Description automatically generated

Select direction to feed wire IN/OUT. Distance button executes action on press. So if you press 10mm it will cycle direction for 10mm. Load Assist button takes to Screen 2.

FEED | Screen 2:

Graphical user interface, application, Teams

Description automatically generated

This is my simple version of loading. Once wire is loaded into tube, this will feed in 80mm and cut. This gives a 0 point to start cutting operation.

TEST | Screen 1:

Graphical user interface, text, application, chat or text message

Description automatically generated

Simple test will cycle motor chosen.

Step Test leads to Screen 2

TEST | Screen 2:

A picture containing diagram

Description automatically generated

Not useful for operation, but I added this so I could enter the steps to travel and spin. Helped me determine what mode motor(s) worked best in, as well as how many steps are needed to reach a certain point (stripping, feeding x mm = x steps , etc).