

EW-20S-4 Measure Length Wind Machine

User Manual



I. Overview

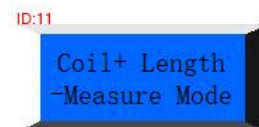
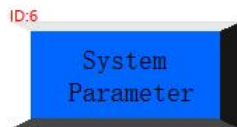
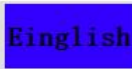


1. Wire inlet hole
2. Wire straightener
3. Length counter
4. Air cylinder & cutting blades
5. Touch screen
6. Power switch
7. Stop, Start, Reset
8. Winding plate
9. Winding plate lock

II. Home Page



(Automatic meter winding and wire tying machine)



[中文] press to change language to Chinese

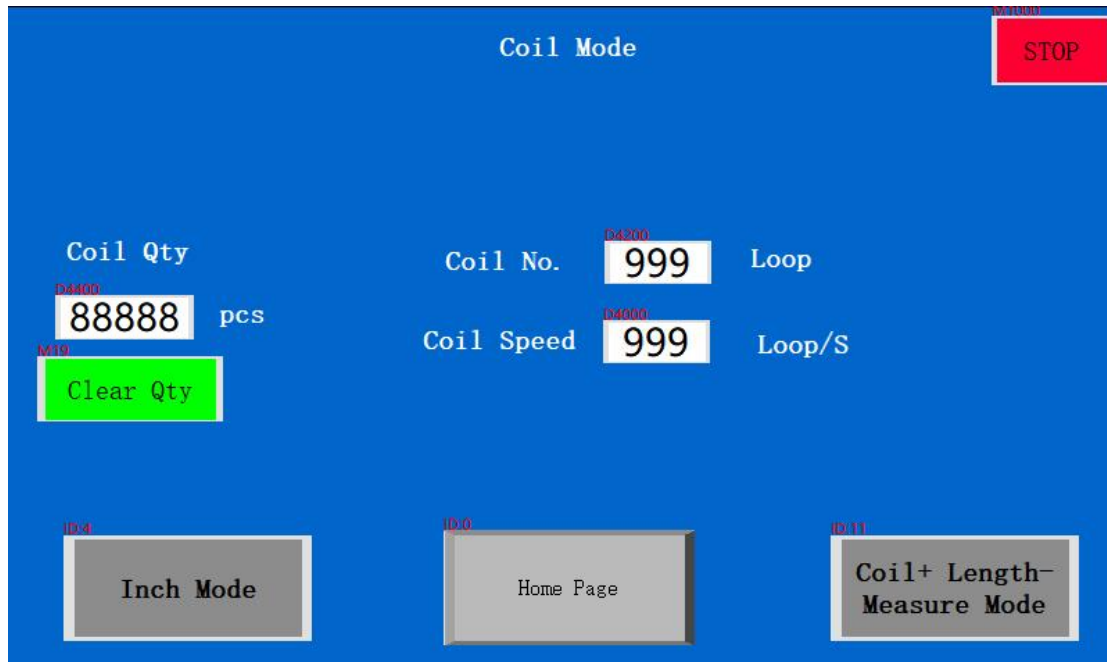
[English] press to change language to English

[System parameter] system default data, please do not enter this page unless it is advised with password

[Coil mode] press to enter coil mode (without length measure) page

[Coil + length measure mode] press to enter coil + length measure mode page

III. Coil Mode Page



[Stop] emergency stop button

[Coil qty] current coil quantity

[Clear qty] clear the value in [Coil qty]

[Coil No.] set winding turn number

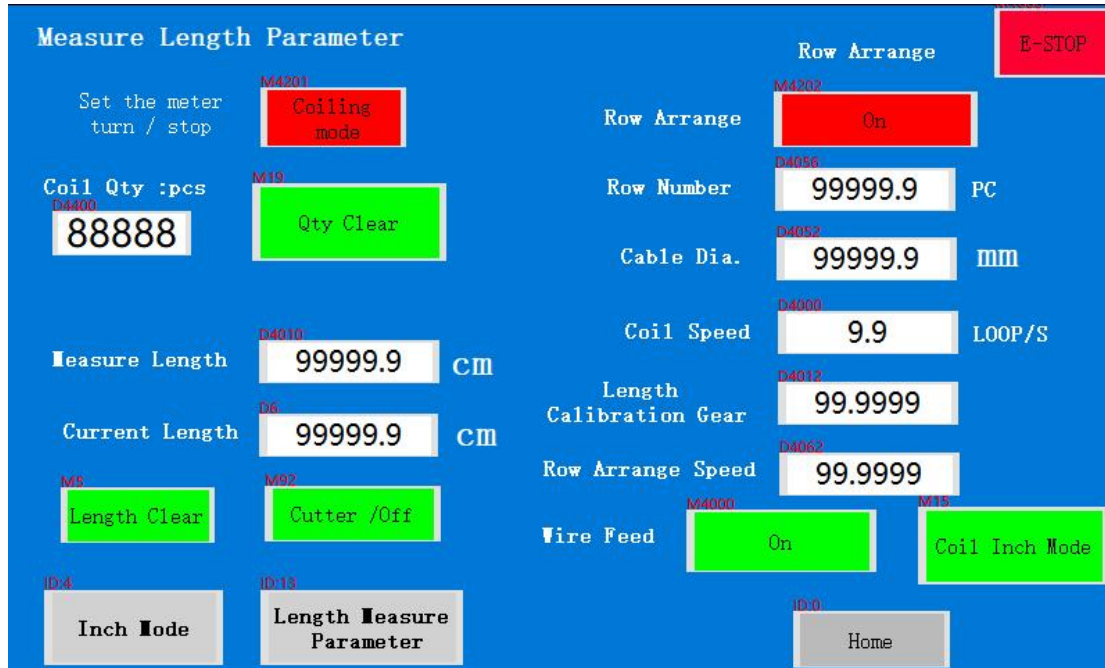
[Coil speed] set winding speed

[Inch mode] press to enter inch mode page

[Home page] press to enter home page

[Coil + length-measure mode] press to enter coil + length-measure mode page

IV. Coil + Length-measure Mode Page



[E-stop] emergency stop button

[coiling mode/coil+length-measure mode] press and hold to change between coiling mode and coil+length-measure mode

[Coil qty: pcs] current finished coil quantity

[Qty clear] clear the value in [Coil qty: pcs]

[Measure length] set the winding length

[Current length] current winding length

[Length clear] clear the value in [Current length]

[Cutter on/off] turn on/off the blades cut function

[Row arrange on/off] turn on/off the row arrange function

[Row number] set the row number on winding plate in accordance with plate width and cable dia.

[Cable dia.] set cable dia.

[Coil speed] set winding speed

[Length calibration gear] to calibrate if finished coil length is not equal to the value set in [Measure length] - only change the number on thousands (the third number after point)

[Row arrange speed] set the row arrange speed

[Wire feed on/off] turn on/off the wire feed function (a certain length will be fed from length counter after single cycle work)

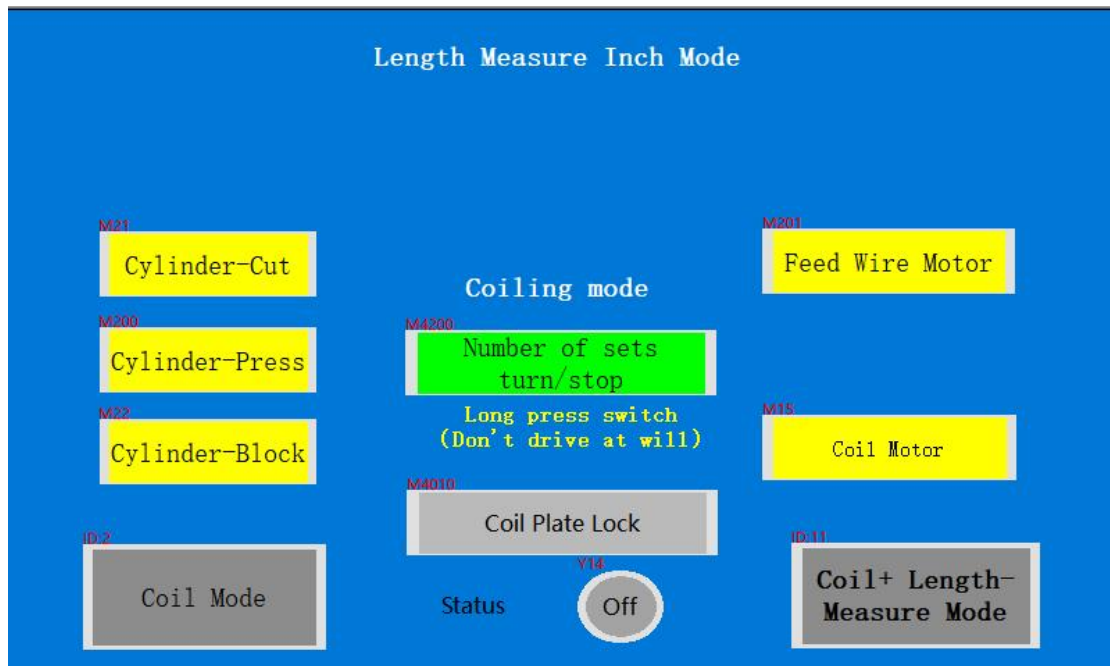
[Coil inch mode] press to enter coil inch mode page

[inch mode] press to enter inch mode page

[Length measure parameter] press to enter length measure parameter page

[Home] press to enter home page

V. Inch Mode Page



[Cylinder-cut] press to test blades cut function

[Cylinder-press] press to test roller press function

[Cylinder-block] press to test wire block function

[Feed wire motor] press to test wire feed function

[Coil motor] press to test wire wind function

[Number of sets turn.stop] press to change working mode

[Coil plate lock on/off] turn on/off the winding plate lock function

[Coil mode] press to enter coil mode page

[Coil + length-measure mode] press to enter coil + length-measure mode page

VI. Length Measure Parameter Page

The screenshot displays a blue background with two columns of parameters. The left column is titled 'Cylinder Paramter' and the right column is titled 'Cable Row Parameter'. Each parameter has a label, a numerical value in a white box, and a unit. A red box labeled 'M4203' is positioned below the 'Cable Row Parameter' section, and a 'Return' button is in the bottom right corner.

Parameter	Value	Unit
Coil Plate Return Delay	99.9	S
Pre-Row Coil Loop	9.9	S
Finish Row Brake Length	999.9	CI
Cylinder clamp time	999.9	S
Pre-feed Time	999.99	S

M4203
Continuous flat cable

ID:11
Return

[Coil plate return delay] N/A

[Pre-row coil loop] set the wind time before machine start to arrange row

[Finish row brake length] set the brake time to reduce wind speed when coil is close to target length

[Cylinder clamp time] roller press time for blades cutting action after machine stop winding

[Pre-feed time] set the wire feed time after single cycle work is completed (set value larger to feed longer length wire to reach the winding plate)