

YIMATA

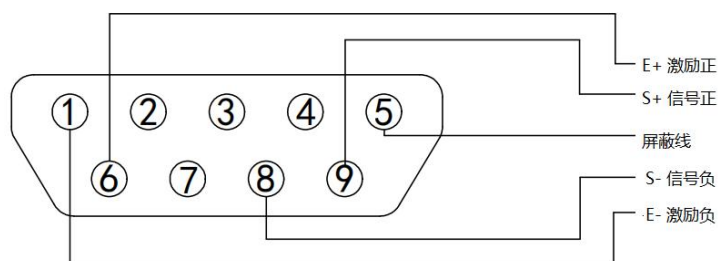
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Weighing Indicator Y80 User Manual

一、Parameters.

- 1、Display: 7 bits numbers display; 0.8" LED screen. Lower Limit/Upper Limit Indicates: Buzzer alarm and indicators.
- 2、Load cell: can connect with 8 sensors at most.
- 3、Power supply: (1) AC Power Source: AC220V, 50Hz; (2) Backup power supply: 6V, 5mAh lead-acid battery;
- 4、Working temperatures: 0℃~40℃; Storage temperatures: -10℃~55℃; Relative humidity: ≤90%RH (No condensing) .

二、Installation guiding for the instrument scale frame.



E+: Positive

E-:Negative

S+:Signal Positive

S-:Signal Negative

三、Operation of Adjusting The Scale

1、Calibration Operation

Steps	Displays	Functions Descriptions	Operations Descriptions
0	Weight	It's weighing	Press "CAL", enter password 888888.
1	【 CAL 】	Interface of the calibration parameters	Press "OK" to enter the step 2.
2	【 E * 】	Division value setting, Select Ranges: 1, 2, 5, 10, 20, 50, 0.001, 0.002, 0.005, 0.01, 0.02, 0.05, 0.1, 0.2, 0.5。	Press "↑" button to choose the division values. Press "OK" to enter the step 3.
3	【 F *.** 】	Full capacity setting, Setting range: Maximum 7-bit numbers display range.	Input numbers Press "OK" to enter the step 4.
4	【 nolad 】	If only change the full capacity without confirming the Zero point, suggest do not enter the next step, just press the "Weight"	When the platform is stable, press "OK" button to confirm the zero point calibration, and enter step 5

		and exit. Calibration the Zero point setting.	
5	【*.****】 【Ad 01】	Calibration of add load setting. Place the weights on the scale, if calibration 2 times, suggest the weights up to at least 70% from the full capacity.	Input numbers. Input the weights, press “OK” button to save and enter the next calibrations.
6	【*.****】 【AI 02】	Second calibration of add load setting again. Power On and if appear version No. V1.03.0, then multipoint calibrations has canceled. If need this function, please use APP “Weighing Internet Of Things”	Input numbers. Input weights, press “OK” button to finish the calibration. Press “weights” button to exit the calibrations.

Attention:

When calibrating, if there appears “Err o” indicator, it’s the weights on the pan, when the subtitle displays less than 20 times of the division value to cause this situation.

There are 3 solutions for this situations:

- 1、 Please initialize the instrument, for cases where mis-calibration has occurred.
- 2、 You can change the division value to the smaller when calibrating, division value can be changed as 0.01/0.001, after finishing the calibration, change the division value back to the original one.
- 3、 Add the weights, until the display weights 20 times more than the division values.

2、Other computation parameters setting

Steps	Displays	Functions Descriptions	Operations Descriptions
0	Weights	It's weighing	Press "setting" button, and input passwords "888888".
1	【C-Code】	The interface for indicating to input the passwords. First operation after power on, need to input the passwords "888888".	Input numbers. Press "OK" button to enter the step 2.
2	【 ZErO 】	Zero function parameters setting	Press "OK" button to enter the step 3.
3	【Zo *.*】	Zero point tracing speed rate setting Range: 0.5d, 1.0d, 1.5d, 2.0d, 2.5d, 3d, 3.5d, 4.0d, 5.0d, 6.0d, 7.0d, 8.0d, 9.0d/s。	Press "↑" to choose the zero tracing speed rates. Press "OK" button to enter step 4.
4	【nt *】	Manual Zero range setting: Range: 0%FS, 4%FS, 10%FS, 20%FS, 100%FS。	Press "↑" button to choose the manual zero setting range Press "OK" button to enter the step 5.
5	【At *】	Zero range setting by power on: Setting ranges: 0%FS, 4%FS, 10%FS, 20%FS, 100%FS。	Press "↑" button can choose the zero range by power on. Press "OK" button to enter the step 6.
6	【FL *】	Filter setting: Setting range: 1、2、3、4、5(the larger number, the more stable) If applied in the adding situation, it is recommended to use filter 1.	Press "↑" button to choose the filter modes. Press "OK" button to enter the Weights mode.

3、Reset Setting.

Steps	Displays	Functions Descriptions	Operations Descriptions
0	Weights	It's weighing	Press "Setting" button, input the passwords "888888".
1	【C-Code】	The interface for indicating to input the passwords. First operation after power on, need to input the passwords "888888".	Input numbers. Press "OK" button to enter the step 2.
2	【 ZErO 】	Zero point parameters setting	Press "↑" button to choose the zero point parameter, Press "OK" button to enter step 3.
3	【-rest-】	Interface for reset	Press "OK" button to enter step 3
4	【*****】	For un-locked instruments , input	Input numbers,

		passwords"888888" For locked instruments, input the locked passwords.	Press"OK" button to save, and back to Weights.
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Attentions: After resetting, all the set parameters will be back to the initialized states, including the calibration parameters and functions parameters. The scale needed to be calibrated again in case of using.