

## TY5D/A3 Load Cell Display Controller User Manual

## ★★★User notes:

- 1 . Please provide the power supply according to the meter power specification to avoid damaging the meter!
- 2 . Please make sure the connection under the instrument not electricity, avoid damage to the instrument and protect the personal safety!
- 3 . Please read the instrument operation guide carefully. Non-professionals are not allowed to change the parameters in the instrument!

**Parameter**

Symbol	Name	Content	Value range	Description
<i>out1</i>	<b>Out1</b>	First alarm	-19999~99999	Generally positive, according to the user's own Settings
<i>out2</i>	<b>Out2</b>	Second alarm	-19999~99999	
<i>Ala1</i>	<b>ALo1</b>	Alarm way	2WAYS: ①H:upper limit alarm ②L:lower limit alarm	
<i>Ala2</i>	<b>ALo2</b>	Alarm way		
<i>HYA1</i>	<b>HYA1</b>	Sensitive	00000~99999	Generally set as small, which is used to prevent the relay from jumping back and forth on a value
<i>HYA2</i>	<b>HYA2</b>	Sensitive	00000~99999	
<i>oA</i>	<b>OA</b>	Secret code	0~99999	CODE 01111
<i>In-A</i>	<b>in-A</b>	Zero Trim	-19999~99999	Zero point correction value = meter original value -- the display value of the meter when there is no load of the sensor
<i>Fi</i>	<b>Fi</b>	Full correction	0.5000~1.5000	Full correction = instrument original value x theoretical value/last display value
<i>In-d</i>	<b>in-d</b>	Decimal point	When working, press the left button to move in a circle	
<i>Fd</i>	<b>Fd</b>	Index selection	1~5	Change as needed
<i>F-r</i>	<b>F-r</b>	Sensor range	00000~99999	According to the sensor range setting
<i>FLtr</i>	<b>FLtr</b>	Digital filtering time constant	1 ~ 6	The larger the value, the stronger the effect, but the slower the response to the change of the input signal
<i>unit</i>	<b>unit</b>	Unit	0~3	When working, press the left button to move in a circle
<i>tr-d</i>	<b>tr-d</b>	Zero trace range	0~4	A value of 0 indicates no trace
<i>Poc</i>	<b>Poc</b>	Boot reset range	0~9.9	Maximum clearance of sensor range 9.99

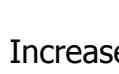
## Fast calibration

### 1 . The operation key



The left key : 1. When set, move to

2. When setting, enter parameters



Increase the key : Reduce the key

2. Parameter setting : *ln-d* as 00.000 ; *F-r* as 30.000 ; *unit* as 3.

### Fast calibration

Before calibration, close down the zero tracking, set up division value and sensor capacity, do not press zero reset. If making the incorrect operation , please turn off the power! Then turn on the power and continue the previous steps!

Under measurement statement, press then loosen it. Press in 2 seconds until the indicator display *cAL*, the indicator is in adjustment statement at this time.

1. Press , the indicator displays and doesn't flash, it calibrate zero point.

2. Press , the indicator displays and flashes in the end, set display values to standard weights of standard values through these , , three buttons.Then press to complete capacity calibration.

## Instrument zero

The method of instrument reset is: (1) manual reset, that is click , the instrument shows zero, but power does not save. (2) on the zero. If the sensor is not loaded, the meter power display is not zero, such as ABCDE display, can be modified *ln-R* to zero. The original *ln-R* value minus the new value of ABCDE can be input into the meter, this step meter power saving. (3) long press the "clear zero" button for more than 2 seconds, the meter will blink and show the value is changed to 0, this step meter power saving.

When calibration and zero clearing, please remember to complete in the calibration interface, do not complete in the peak or valley state; namely

Both LED lights are not on in the right side of the meter.