

Wireless Weighing Indicator

HY280

User Manual



HY-280 Wireless Weighing Indicator

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Important Specifications

Interval Value: 1/2/5/10/20/50/100

Display: 192*64 dots display; 6 status indicators (backlight)

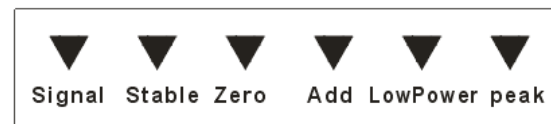
Power: Lithium Battery, use 48 hours for one Charging

Environment temperature: Scale body -10℃ ~50℃; Instrument 0℃ ~40℃

Maximum wireless transceiver distance: >300m (open area)

Radio frequency: 433~470MHz

Scale Interface



Symbol Icons

- Signal: Displaying this symbol shows hand-held display receives signals normally.
- Stable: Displaying this symbol shows weighing data go into the steady state, can be read or accumulated.
- Zero: Displaying this symbol shows scale body in state of zero, or pressed "ZERO", so that shows zero.
- Add: Displaying this symbol shows display memory has data accumulated, the symbol put out after removing.
- Lowpower: Displaying this symbol shows hand-held display need to be recharged. When low power symbol lights up, can be continued to use 15 minutes. Hand-held end will shutdown automatically.
- Peak: shows peak value

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Work Principle:

The load cell's out-put signal is digital, parameter adjustment and temperature compensation will be finished in internal. Though 434MHz wireless module to launch after reasonable.

Handheld receive load cell output and its internal battery power consumption values then show them on the LCD display ,and handheld through RS232 output to computer or large-screen display.

Product Characteristics:

▲Display: LCD 192*64 dot with backlighting , 6 bit show weight value

▲Hold on the peak value, can contact with computer or large-screen display by RS232(Optional)

▲Unit: kg、lb、t、kN.

Work options:

Steps	Operation	Display	Note
1	Press [OK]	[P 0000]	Enter calibration function, please input the password;
2	Press [>>] Press [^]Or [v]	[P 9999]	Please Move the cursors to the datasheet of under corresponding, input the password
3	Press [OK] Press [^]Or [v]	[FUNC 0]	Choose function setting: 1: Stable time (1~5) 2: Display range (1~3) 3: Leaving lock range 4:set the frequency(channel)

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4	Press [OK] Press [^]Or [v]	[FUNC 1] [Fil 2]	Stable time (1~5) 1 is the fastest and 5 is lowest.
5	Press [OK] Press [^]Or [v]	[FUNC 2] [RANG2]	Display range (1~3)
6	Press [OK] Press [^]Or [v]	[FUNC 3] [LOCK12]	Leaving lock range.If the change of weight exceeds the value,the indicator will get a new display.
7	Press [OK] Press [^]Or [v]	[FUNC 4] [FRC 20]	Set the frequency ,For example: 20, channel is 20
8	Press [OK]	Exit	

1. Calibration Function:

Steps	Operation	Display	Note
1	Press [OK]	[P 0000]	Enter calibration function , please input the password;
2	Press [>>] Press [^]Or [v] Press [OK]	[P 8888]	Please Move the cursors to the datasheet of under corresponding ; input the password
3	Press [>>] Press [OK]	[E 001] [E 005]	Division setting: 1, 2, 5, 10, 20, 50, 100 For example: 5kg
4	Press [>>] Press [OK]	[DC 0] [DC 0]	Decimal point 0, 1, 2, 3 For example: 0
5	Press [>>] Press [OK]	[unit kg] [unit t]	Displaying the units: kg, t, lb For example: t

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6	Press [>>] Press [^]Or [v] Press [OK]	[010000]	Set the maximum range, more than this range, the system will alarm For example: 10000kg
7	Press [OK]	[noload]	Point out the calibration of present zero Zero calibration (Without load)
8	Press [OK]	[adload]	Point the calibration of full load
9	Press [OK] Press [>>] Press [^]Or [v] Press [OK]	[030000]	Move the cursors to the datasheet of under corresponding, modify the datasheet of present calibration standard weight values (Load)
10	Press [OK]	[029345]	Displaying the Calibration factor (Now refer to the way of Step 9 to revise the standardized rate with your hand)
11		RETURN	Calibration over


Notice: if the indicator receive the data with wireless from multiple transmitter, you should click [v] key while main display, it will show every weight for the transmitter, You need to calibrate separately for each transmitter.

Specific operation is open only one transmitter, then calibrate it in the indicator according above method, when this one is over ,then power down of the current transmitter, power on another one, calibrate it as same as above.


Normal working hours, if you want to see the single transmitter ,you can click [v] ,the it will show the every weight in the screen.

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
2.SAVE Function

Steps	Operation	Display	Note
1	Press []		On the condition of weighing, please keep the weight data according to the order last time automatically


3. Inquire Function

Steps	Operation	Display	Note
1	Press []	[no 020]	On the condition of weighing, displaying the series of the last record
2	Press [>>] Or Press [^]Or [v]		Displaying the content of the last record ,please move the series up and down
3	Press [C]		ESC the condition of weighing

4. Zero Setting Function

Steps	Operation	Display	Note
1	Press []	[0]	Zero calibration under the condition of weighing


5. Accumulation Function

Steps	Operation	Display	Note
1	Press []	[0]	Under the condition of weighing Accumulation LED on, the


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			weights zero clearing to accumulate automatically, can accumulate more time
2	Press [C]		Clear the accumulation datasheet, return the normal weigh condition

6. Clear Function


Steps	Operation	Display	Note
1	Press []	[CLR 0]	
2	Press [>>] Press [OK]	[CLR *]	1:Clear the end data 2:Clear all data
2		[END]	Clear over

7. Peak value inquire function


Steps	Operation	Display	Note
1	Press []	[*****]	Displaying the present peak value of weighing, the LED of peak ON at the same time, Timelag 1S, return the normal condition weigh

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8. Backlight Function

Steps	Operation	Display	Note
1	Press []		When the screen backlight, please turn off

9. Time Setting Function

Steps	Operation	Display	Note
1	Press []	[11-01-01]	Displaying the present time
2	Press [>>] Or Press [^]Or [v] Press [OK]		Move the cursors to the datasheet of under corresponding, revise the present time.
3		[12-08-02]	Displaying the present time
4	Press [>>] Or Press [^]Or [v] Then Press [OK]		Move the cursors to the datasheet of under corresponding, revise the present time.

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Message

“Err 05”

Instruments do not receive the correct Weighing signal, please check power or antenna of crane scale end.

If it connect many transmitter, please click [√] key for check the weight of the single transmitter.

“——OV——”

Show overloading. If there is no weight on scale body, no overloaded, the down-lead from load cell to transmitter is wrong linked or cut.

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