

JWI-700C Series / IDS941

Counting Indicator

User Manual

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1. Introduction

Thank you for deciding to purchase a JWI-700C Counting indicator from Jadever. This goods has the excellent performance and splendid properties under severe quality management .It is recommended to read this manual in full before using it for good function application.

2. Precautions

- ⊙ Place the indicator on a flat and stable surface .
- ⊙ Verify that the input voltage and the plug type matches the local AC power supply . See 3-4 power supply.
- ⊙ Keep the indicator away from EMI noise , strong wind and vibration ,which might cause incorrect reading.
- ⊙ Avoid sudden temperature changes (suitable operating temperature is between-5℃~40℃.)
- ⊙ Disconnect the power supply when cleaning the indicator .
- ⊙ Do not immerse the indicator in water or other liquids .
- ⊙ Over-2 years without using the scale for the first time, please charging fully before utility.
- ⊙ Please cut off the charging power after the battery is fully charged.
- ⊙ If the charge indicator indicates red light (24 hours or more) when the battery is charged, please check the scale or replace a new battery.
- ⊙ Service should be performed by authorized personnel only.

3. Product Introduction

3-1 Specifications & Features

Specifications

Model	JWI 700C
Input sensitivity	0.13uV/D
Input voltage range	-0.5mV to 16.5mV
Load cell excitation	DC 5V ,Up to 8 ×350 ohm load cells
System linearity	0.003% of full scale
Input impedance	10M ohm or more
AD conversion mode	Δ - Σ
A/D internal resolution	700,000 count
AD conversion speed	8 times/second
External display resolution.	15,000 count
Displays	LCD (6 Digits , 5 Digits, 6 Digits)

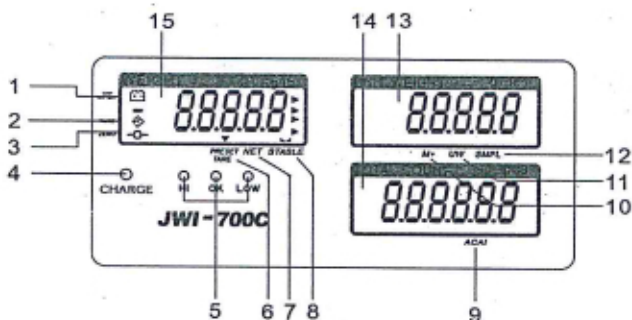
Power supply	AC 110V/220V (AC $\pm 10\%$) or Rechargeable battery (6V/4A)
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Features

- LCD display 6/5/6, LED backlight
- Kg and Lb switchable
- Up to 1/30000 resolution
- Adjustable capacities, resolutions and parameters
- Adjustable stand for bench scale
- Enclosed with PVC dustproof cover
- Able to adjust filter range and zero band
- Low battery and charging status indicator
- Automatic average weighing unit function
- Single point and linear calibration available
- HI/OK/LO indicator, HI/OK/LO alarm function
- Full range tare, pre-tare, auto-zero tracking
- Rechargeable battery or AC power
- Automatic counting accuracy improvement (ACAI)
- Accumulation of weight and quantity (max 99 pieces)
- Auto power off selection, save battery life
- Suitable for a wide range of bases and load cells

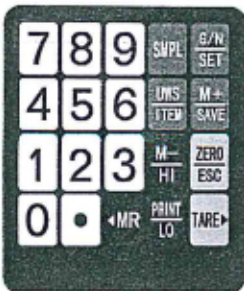
3-2 Front Panel

3-2-1 Display



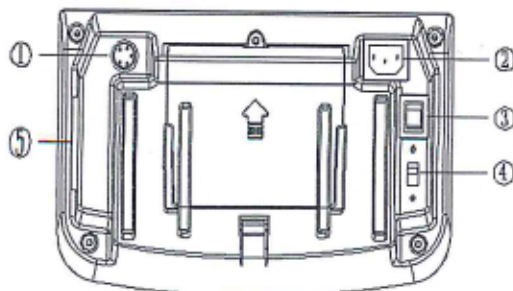
- 1)  Low battery indication
- 2)  Tare or Preset Tare indication
- 3)  Center of Zero Indication, The zeroing range is $\pm 2\%$ of weighing capacity.
- 4) **Charge Lamp**
- 5) **HI Lamp (ON)** –The weight on the weighing pan is greater than the upper limit
OK Lamp (ON) – The weight on the weighing pan is between upper and lower limits
LOW Lamp (ON)– The weight on the weighing pan is greater than 20e but smaller than lower limit
- 6) **"PRESET TARE"** Symbol "▼" points at **"PRESET TARE"** when Tare value entered via numeric keys.
- 7) **"NET"** Net weight--Gross weight minus Tare. Symbol "▼" points at **"NET"** when TARE or PRESET TARE action is done.
- 8) **"STABLE"** Stable indication, Symbol "▲▲" appears at the top of **"STABLE"** when scale is in stable condition.
- 9) **"ACAI"** Symbol "▼" points at **"ACAI"** when Automatic counting accuracy improvement is functioning.
- 10) **"M+"** Symbol "▼" points at **"M+"** when scale is in accumulation mode.
- 11) **"UW"** Under entering a known unit weight mode, Symbol "▼" points at **"UW"** when entered unit weight is lower than 4/5 of scale division. Unit weight is too small for ensuring accurate quantity calculations.
- 12) **"SMPL"** Under the sample counting mode, Symbol "▼" points at **"SMPL"** when calculated unit weight is lower than 4/5 of scale division or the quantity of sample is less than 10 pieces.
- 13) **"UNIT WEIGHT"** Unit Weight Window --Displays the average unit weight value, or number of weighments.
- 14) **"TOTAL COUNT"** Total count window --Displays the calculated number of pieces on the weighing pan, or accumulated piece count value.
- 15) **"WEIGHT"** Weight Window--Displays weight of object on weighing pan, or accumulated weight value.

3-2-2 Keyboard



- 1) **0 ~9** numeric keys Enters specific values for tare; unit weight and other data entries.
- 2) **.** key Decimal point
- 3) **SMPL** key Short press enters the sampling mode. Long press closes ACAI after sampling. And shift Units when capacity setting.
- 4) **G N/SET** key Shift the displays of Gross weight and Net weight after tare. Long press to enter parameters setting. And turn on or off check weighing when entering HI, LO, OK setting.
- 5) **UWS/ITEM** key Find out the unit weight in memory or save the unit weight reset again. Inputs the indicated unit weight via numeric keys and press it to start counting function.
- 6) **M+/SAVE** key Accumulate the records of counting or weighing. Save the changing parameter. Set the capacity and resolution.
- 7) **M-/HI** key Clear the input figures. Set the value of HI. Enable the blinking figure plus one when inputting the figures.
- 8) **ZERO/ESC** key Zeros the display (within 2% of max.capacity) or cancels Tare action. Exit from the setting or without saving.
- 9) **</MR** key Recalls and displays the total Accumulation data (weight, total count and number of weights) and the first 10 records in details. Circle the choices in the setting. Make the blinking spot shift leftwards when inputting the figures.
- 10) **PRINT/LO** key Press the key to print when printing manually is selected. Set the LO value. Enable the blinking figure decrease one when inputting the figures.
- 11) **TARE/▶** key Inputs the weight of the object on the weighing pan as a Tare value ; Inputs the indicated value entered via the numeric keys as a pre-set Tare value ; cancel tare action. Display rightwards the first 10 records in detail. Make the blinking spot shift rightwards when inputting the figures.

3-3 Rear Panel



- 1) Port for connecting load cell.
- 2) power socket
- 3) power ON/OFF switch
- 4) Two-stage switch(110V or 220V)
- 5) RS-232 port: Serial interface port (computer, printer and Light Tower)

3-4 Power supply

Please verify the local AC power source and switch the two-stage switch to the proper place before plugging into the power outlet.

Alternative power supply


- 1) AC 110V/220V (AC \pm 10%)
- 2) (6V/4A) Internal Rechargeable Battery

Power Consumption

About 300mW, 80hrs (without backlight)

About 380 mW, 65hrs (with backlight)

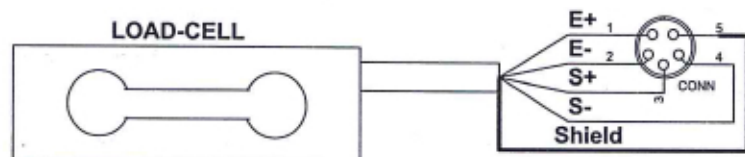
Low battery warning

When  appears in the upper left corner of the weight window, the battery power requires recharging. The charge lamp turns green from red when the recharging is completed (which takes about 8 hours). Disconnect the scale from power supply when it is fully charged.

Note: Battery is to be replaced only by an authorized service dealer. Risk of explosion can occur if replaced with the wrong type or connected improperly.

4. Installation

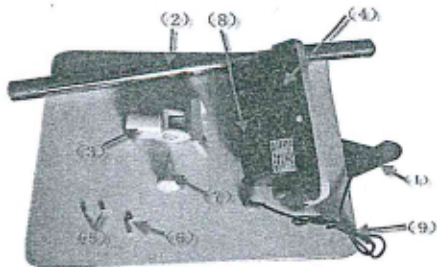
4-1 Load Cell Connection



	PIN	SIGNAL
LOAD CELL	1	E+
	2	E-
CONNECTION	3	S+
	4	S-

4-2 Assembly Description of Upright Pole

- (1) Rod seat
- (2) Upright pole
- (3) Bracket
- (4) Indicator
- (5) Screw (for fixing the upright pole)
- (6) Screw (for fixing the Bracket)
- (7) Knob pole
- (8) Bracket slot
- (9) Load cell wire



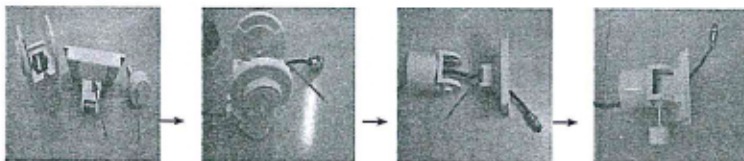
Step 1: Thread the wire of the Load Cell (9) on the rod seat (1) through the upright pole (2), insert the upright pole into the rod seat and then lock it with two screws (5).



Step 2: After threading the Load Cell wire through the bracket (3), attach the bracket to the upright pole and then lock it with the screw (6).



Note: if the load cell connector is too big to thread through the bracket, separate the bracket by removing the Knob pole (7), see the following pictures.



Step 3: Install the Indicator (4) on the bracket, with the bracket aligning with the bracket slot (8) of the indicator.



Step 4: After connecting load cell connector to load cell port, the installation is completed.



Note: Use the knob pole (7) to adjust the inclination angle of indicator and the screw (6) to adjust direction of the indicator. After adjusting the indicator to an optimal position and lock the screw.

5. Setting Mode

5-1 Maximum Weighing Capacity Setting and Resolution Setting

- 1) Turn on the power while pressing key **M+/SAVE**.

It enters capacity setting.



- 2) **Method 1:** Press key **M-/HI** or **PRINT/LO** to shift the common capacities. And press key **◀/MR** or **TARE/▶** to make decimal point shift leftwards or rightwards. Please key **SMPL** to choose the units kg, g or lb.

Method 2: If no common capacities are wanted, please press **G N/SET** key to set the capacity freely. The figure leftmost is blinking. Then press key **◀/MR** or **TARE/▶** to shift left or right and key **M-/HI** or **PRINT/LO** to change the figures (or via numeric keys). When the decimal point is blinking, please press key **M-/HI** or **PRINT/LO** to change its position. Please key **SMPL** to choose the units kg, g or lb.

Please press key **M+/SAVE** to save after changing and come to resolution setting. While press **ZERO/ESC** key to return to weighing mode without saving.

- 3) The window displays as shown on the right when it comes to resolution setting.



- 4) **Method 1:** Press key **M-/HI** or **PRINT/LO** to shift the common resolutions. And press key **◀/MR** or **TARE/▶** to make decimal point shift leftwards or rightwards.

Method 2: If no common resolutions are wanted, please press **G N/SET** key to set the resolution freely. The figure leftmost is blinking. Then press key **◀/MR** or **TARE/▶** to shift left or right and key **M-/HI** or **PRINT/LO** to change the figures (or via number keys). When the decimal point is blinking, please press key **M-/HI** or **PRINT/LO** to change its position.

Please press key **M+/SAVE** to save after changing and come to calibration setting. While press **ZERO/ESC** key to return to weighing mode without saving.

- 5) The window displays as shown on the right when it comes to resolution setting.



Press key **TARE/▶** to start calibration(refer to Page)

Press key **ZERO/ESC** to exit without saving.



5-2 Function Setting



- 1) Press **G N/SET** key while powering on
Or long press **G N/SET** key in the weighing mode to enter parameter setting.
- 2) Press key **◀/MR** or **TARE/▶** to circle the parameters
- 3) Press key **G N/SET** to enter the selected parameter.
- 4) Press key **◀/MR** or **TARE/▶** to circle the items of present parameter.
- 5) Press key **M+/SAVE** to save after changing and return to parameters choosing. While
Press key **ZERO/ESC** to return without saving.
- 6) Press key **ZERO/ESC** again to return to weighing mode.

Note: In the parameter setting mode, press the numeric key to choose the parameter directly.

5-3 Parameters


- 1) **SET00**  internal code checking
- 2) **SET01**  backlight modes shifting

Options are On, OFF, and AUTO

On= Backlight

OFF= No backlight

AUTO= Auto-on with items greater than 9d placed on the pan. Auto-off within 2s,4s,6s....., 20s, ever(ever=the backlight lasts forever with more than 9d placed on the pan) when it is stable.

- 3) **SET02**  auto-off time setting

Options are off, 5min, 10min, 30min, and 60min.

Off : close auto-off function

5, 10, 30, 60: Auto off with less than 9d of gross weight when there is not any operation within 5min (10, 30, 60min available)

BIRCH: Birch printer (paper size 5cm*3cm)

ZEBRA: Zebra printer (paper size 5cm*3cm)

DMP: Dot matrix printer(SH-24)

GP: Adhesive label sticker printer (5cm*3cm)

CK: thermal printer (Chinese available)

ET: Large LED display

CX: CX large screen display (version 0.02)

EXCEL: Work with the function of "Use Serial Keys" in Windows in outputting the data to Excel. Reference user manual: <http://www.jadever.com.cn/Download.aspx>

U.KEY: U.KEY connector works with PC to send the weighing data to computer (WinXP/Win7) in form of Excel and so on.

Note: Special setting is needed by distributor if you want to print in Chinese.

10) **SET09** b^{aud} baud rate setting: 9600、4800、2400

11) **SET10** $P_r \text{ } \bar{L} \text{ } \bar{F}$ printing modes setting: **key**, **stable**, **contin**

contin: Printing continually

stable: Printing when stable with more than 20d placed on the pan

key: Printing by pressing keys

12) **SET11** $P_r \text{ } \bar{L} \text{ } \bar{F}$ printing format setting: prt01~prt03.

13) **SET12** $\bar{F} \text{ } \bar{L}$ filtering setting: 1, 2, 3, 4

1: Suitable in very stable environment with the quickest weighing

2: Suitable in the common environment

3: Suitable in a bit shaking environment

4: Suitable in the very shaking environment with the slowest weighing

14) **SET13** $\bar{J} \text{ } \bar{L}$ zeroing or taring setting: **stable**, **auto**, **always**

stable : Taring or zeroing works when stable only

always: Taring or zeroing works no matter it is stable or not

auto: Press key TARE or ZERO when unstable, but it works when stable.

15) **SET14** $r \text{ } \bar{L} \text{ } \bar{F}$ time setting (optional): **on**, **off**

RTC setting: press key **G N/SET** to enter RTC setting and set to **on**. Press key

G N/SET again to enter the RTC window. Press key **G N/SET** to enter the figure

changing and key **◀/MR** or **TARE/▶** to shift the figures. Press key **M-/HI** or **PRINT/LO** to modify the value (or via numeric keys). Press key **M+/SAVE** to save and shift the windows.

- 16) **SET15** $\overset{\text{On}}{\text{OFF}}$ weight memory parameter: **on, off**

On: display the last weight when powering on again

Off: do not display the last weight when powering on again

- 17) **SET16** $\overset{\text{Hi,Lo}}{\text{Hi,Lo}}$ the kinds of checking: **Qty.ck, Wt.ck**

Qty.ck: start amount checking

Wt.ck: start weighing checking

- 18) **SET17** $\overset{\text{r}}{\text{r}} \overset{\text{f}}{\text{f}} \overset{\text{f}}{\text{f}} \overset{\text{f}}{\text{f}}$ parameter initialization

Press key **G N/SET** then key **M+/SAVE** to start initialization. It is finished when displaying OK.

6. Single and Multi-point Calibration

Note: Before calibration, please set the capacity first. The unit used in calibration is the one that has been set before. During the calibration procedure, LONG press **ZERO/ESC** to return to normal weighing mode without saving.

Here we take 3kg/10g as an example

1. Press and hold **TARE/▶** while powering on.

Do not release it till the window displays "CAL"



2. With no load on the weighing pan,

press **TARE/▶** to start zero point calibration.



3. Wait till the window displays the first calibration value.

Note: The first calibration value is default. If the value has been changed, the default value is 1/3 of full load.



If you need to change the value, do as the following: Press key **G N/SET** to enter the value setting. Press key **◀/MR** or **TARE/▶** to move leftwards or rightwards. Press key **M-/HI** or **PRINT/LO** to modify the value (or via numeric keys). Press key **M+/SAVE** to save.

4. Put the corresponding weight on the weighing pan,

and then press **TARE/▶** to complete the first point calibration.



Note: After the first point calibration, the window can display the weight value. If no need

for the other point calibration, move to Step 6 to finish the calibration procedure.

5. Add another weight 500g to the current weight. The window will show the total weights value. Press **TARE/▶** to complete. Repeat this step to complete the calibrations of on3, on4 and on5.



6. Press **ZERO/ESC** to save. After the window displays "0000", It will return to normal weighing mode.

Note: the window displays $\overline{0000}$ automatically when on5 is finished. It will be saved and return to the normal weighing.

7. Operation

7-1 Weighing

Place item to be weighed on the scale. The Weight window shown is 1.00kg, Gross Weight.



7-2 Tare & Preset Tare


Tare

When weighing a sample that must be held in a container, taring stores the container weight into memory.

- 1) Under the weighing mode, place the container on the scale.



Press the key **TARE** to complete tare action.

The  symbol appears and the window displays as shown on the right

- 2) Place the item into the container.



Then the window displays the net weight.

- 3) Clear the pan. The window displays the taring weight

That is the weight of container.



- 4) To cancel tare action, clear the pan and press **TARE/▶** or **ZERO/ESC**.

Preset Tare

Method 1:

- 1) Press **TARE/▶** for three seconds, it enters to preset tare setting.



Preset-tare value setting: Press key **◀/MR** or **TARE/▶** to shift and key **M-/HI** or **PRINT/LO** to modify the value (or via numeric keys).

Press key **M+/SAVE** to save and return to weighing mode.

- Place the items into the container and
the weight of container will be tared automatically
from the total weight.



- To cancel tare action, clear the pan and press **TARE/▶** or **ZERO/ESC**.

Method 2:

Enter the tare value by pressing the numeric button, the screen will show the tare value.

- Then press **TARE/▶**:



- Place the items into the container and the weight of container will be tared automatically from the total weight.



- To cancel tare action, clear the pan and press **TARE/▶** or **ZERO/ESC**.

7-3 Checking function

7-3-1 Upper & Lower Weight Limit Checking

Upper weight limit

- Long press key **M-/HI** under the weighing mode.

The number leftmost is blinking.



- Press key **◀/MR** or **TARE/▶** to shift and key **M-/HI** or **PRINT/LO** to modify the value (or via numeric keys)



- Press key **G N/SET** to start or close weighing checking

- Press key **M+/SAVE** to confirm and save. Press key **ZERO/ESC** to return to weighing mode without saving.

Lower limit weight

- Long press key **M-/HI** under the weighing mode.

The number leftmost is blinking.



- Press key **◀/MR** or **TARE/▶** to shift and key **M-/HI** or **PRINT/LO** to modify the value (or via numeric keys)



- Press key **G N/SET** to start or close weighing checking

- Press key **M+/SAVE** to confirm and save. Press key **ZERO/ESC** to return to weighing

mode without saving.

Place the sample on the weighing pan.

HI indication appears, when the item on the weighing pan is greater than the upper limit

OK indication appears, when the item on the weighing pan is between upper and lower limits.

LO indication appears, when the item on the weighing pan is smaller than lower limit

Note: the item on the weighing pan should be more than or equal to 20e.

When changing the Hi-Lo value, the scale will activate the weighing checking function automatically. If the Lo value is higher than Hi value, then the Hi value will become the same value as Lo data.

7-3-2 Upper & Lower Quantity Limit Checking

Upper Quantity Limit

- 1) Long press key **M-/HI** under the weighing mode.

The number leftmost is blinking.

- 2) Press key **◀/MR** or **TARE/▶** to shift and key **M-/HI** or **PRINT/LO**

to modify the value (or via numeric keys)

- 3) Press key **G N/SET** to start or close weighing checking

- 4) Press key **M+/SAVE** to confirm and save. Press key **ZERO/ESC** to return to weighing mode without saving.

Lower Quantity Limit

- 1) Long press key **M-/HI** under the weighing mode.

The number leftmost is blinking.

- 2) Press key **◀/MR** or **TARE/▶** to shift and key **M-/HI** or **PRINT/LO**

to modify the value (or via numeric keys)

- 3) Press key **G N/SET** to start or close weighing checking

- 4) Press key **M+/SAVE** to confirm and save. Press key **ZERO/ESC** to return to weighing mode without saving.

Place the sample on the weighing pan.

HI indication appears, when the item on the weighing pan is greater than the upper limit

OK indication appears, when the item on the weighing pan is between upper and lower limits.

LO indication appears, when the item on the weighing pan is smaller than lower limit



Note: the item on the weighing pan should be more than or equal to 20e.

When changing the Hi-Lo value, the scale will activate the weighing checking function automatically. If the Lo value is higher than Hi value, then the Hi value will become the same value as Lo data.

7-4 Basic Counting

7-4-1 Entering a Known Unit Weight and Unit weight Memory

1) Under the weighing mode, use the numeric keys together with key “•” to input unit weight value, and then press **UWS**.



2) Put the items on the weighing pan, the scale starts counting.



Note: Symbol “▼” points at “UW” when entered unit weight is lower than 4/5 of scale division.

Unit weight Calling-out

1) Press **UWS/ITEM** key. The window displays as shown on the right.



2) Input the number of unit weight. Press key ◀/MR or TARE/▶ to shift and key **M-/HI** or **PRINT/LO** to modify the value (or via numeric keys)

3) Press key **M+/SAVE** to confirm called-out weight and return to the weighing mode. Press key **ZERO/ESC** to exit and return to weighing mode.

7-4-2 Sample Counting and ACAL

Sample Counting

1) Place samples onto the weighing pan(or into a tared container) and input the quantity with numeric keys, then press key **SMPL**.



The unit weight is calculated, with Symbol “▼” pointing at “ACAI”.

Note:

- The larger the sample size, the more accurate unit weight.
- Symbol “▼” points at “SMPL” when calculated unit weight is lower than 4/5 of scale division or the quantity of sample is less than 10 pieces.



2) Remove the samples and put the load on, the scale begins to count.

3) Press key **M-/HI** to exit and return to the weighing mode.

ACAI

Automatic Counting Accuracy Improvement (ACAI) results in a more accurate count by increasing the reference weight without the need to count additional parts. A higher reference weight is important when there is a risk of inconsistent piece weights or if the reference weight is close to the minimum. ACAI uses an initial averaging unit weight to count additional pieces that are placed on the scale. After a few seconds, the scale gives a beep as the new higher reference weight is used to recalculate the averaging unit weight. The process can be repeated as long as the additional weight is less than the previous reference weight. Once this limit is exceeded, ACAI is turned off.

Manual ACAI closing: ACAI acts automatically after sampling when ACAI indication appears.

Long press **SMPL** key to turn off ACAI when ACAI indication disappears. ACAI re-acts when sampling again.



7-5 Accumulation, Accumulation Display and Accumulation clear

Accumulation

- 1) Enter the indicated unit weight, press key **UWS/ITEM**

and put first piece of load on the weighing pan
(or into a tared container). (Refer to 7-4-1 and 7-4-2)



- 2) Press key **M+/SAVE**, the first accumulation event

is displayed momentarily before Symbol "▼"
pointing at "M+". The display reverts to normal
weighing mode in a second. Remove the first piece



- 3) Put the second piece of load on, and then press key **M+/SAVE** to add the second
accumulation event into memory. Repeat step 2-3 till accumulation actions are finished.

Note: Maximum is 99 pieces. It is able to calculate the second deal when returning to zero
after the first one under the condition of more than (or equal to) 20d with stability.

Accumulation display

- 1) Press key **◀/MR** to displays the total accumulation data

(weight, count and number of weighments)



- 2) Press key **◀/MR** or **TARE/▶** to check the total events and

the first 10 accumulation events in detail.



3) When connecting PC, printer DMP or CK, press **PRINT/LO** to output the events

Note: ① Σ XX=total accumulation events; \bar{H} XX=the single accumulation

Accumulation clear

To clear the total accumulation data or the first 10 accumulation events, press key **◀/MR** or **TARE/▶** to shift the events and then press key **M-/HI** to clear. Symbol "▼" disappears when the total accumulation data is deleted.

7-6 Initialization of the Scale to Printer (Optional)

Step 1	Press G N/SET key while powering on or long press G N/SET key in the weighing mode to enter parameter setting. Press key ◀/MR or TARE/▶ to circle the parameters and select SET08 $\bar{P} \bar{C} \bar{I}$.
Step 2	Press G N/SET to enter the external equipment choosing. Press key ◀/MR or TARE/▶ to select the type of printers. Press G N/SET to start initialization. The window of unit weight displays the type of printer. And the window of total amount displays UNSU or init? .
Step 3	When UNSUP appears, it means the printer needn't initialization. Press key ZERO/ESC to return to the printer choosing. It needs to be initialized when init? appears. Press key M+/SAVE to start initialization or press key ZERO/ESC to return to the printer choosing without initialization. It displays ok when initialization is finished and shows the type of printer after one second. Go further to other parameter setting or press key ZERO/ESC to return to weighing mode.

7-7.The Control from PC to Scale (Optional)

Step 1	Install the three-in-one board with RTC, RS232 and RELAY. Connect RS232 and choose the external equipment PC.
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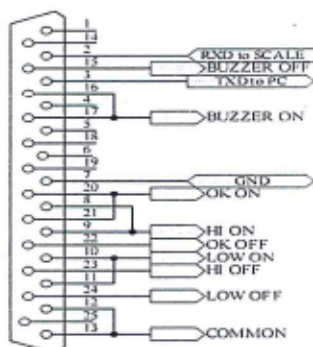
Step 2

Open the serial port to modify. Input the letters Z, T, C, R and P in the sending window and press key Send again. The scale can conduct the responding function. Z= Zero, T=Tare, R and P=Printer, C=Cancel Tare.

8. Serial Interface

If external interface is needed, please select the proper three-in-one board first, which integrates RTC (time display), RS-232 and relay (weight checking) functional module onto one circuit board. Only when this board is adopted, the three functions can be enabled.

8-1 RS-232 connector



9. Troubleshooting and Error message

Error Message	Problem	Solution
ERR0	Exceed the zero range	The item on the pan should be within 2% of full load.
ERR1	Model setting error. Resolution should be within 300-300000	Adjust or reset the capacity first then adjust resolution
ERR2	Initial zero point exceeds 30% of full load	1.Remove the obstacle article under the pan 2.Replace the load cell or contact the maintenance department.
ERR3	Exceed the A/D resolution range	1. Replace A/D 2..Replace the load cell or contact the maintenance department.
ERR4	EEPROM Chksum failure	Re-weld EEPROM or contact the maintenance department.
ERR5	Overload condition	Remove the overload item