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Introduction

Thank you for deciding to purchase a JDI-800 weighing indicator, and it is recommended to read this manual in full before using it for good function application.

Components

Front Sides:



- 1) 7 inches Touch screen
- 2) Zero button
- 3) Tare button
- 4) Gross/Net button
- 5) Sleep/Wake button
- 6) On/Off
- 7) Power light

Left Side:



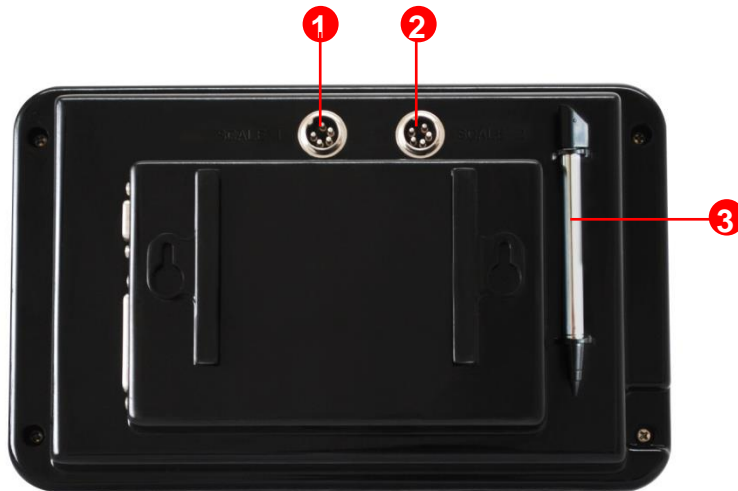
- 1) Audio output interface
- 2) Audio input interface
- 3) RJ45 interface

Right Side:



- 1) USB interface
- 2) RS-232 interface
- 3) RS-232 interface

Back Side:



- 1) load cell interface for Scale 1
- 2) load cell interface for Scale 2
- 3) stylus

Chapter 1: JDI-800 Introduction

Product Introduction











Specification:

| Model | JDI-800 |
|---------------------------------|--|
| Resolution | Up to 1/300000 |
| Unit | Kg/g/lb/oz/台两/港两/ton |
| Excitation Voltage of Load Cell | DC:5V; Up to 8 pcs 350ohm Load Cell |
| Dimension (mm) | 265×165×102 |
| Display | 7 inches LCD display, Resolution: 800×3(RGB)×480, Display Area: 152.4 (W) ×91.44 (H) mm |
| External Interface | ◎RS-232 interface ◎RJ45 interface ◎Relay interface ◎USB interface ◎Audio interface |
| Power Supply | 6V/2.5A; Rechargeable battery(optional) |

Feature:

- ◎ Touch screen together with 5 keys operation.
- ◎ Multiple theme options, intuitive menu operation in Chinese, English and Spanish with weighing speak.
- ◎ Settable label with multiple templates.
- ◎ Come with auto inventory management software.
- ◎ Powerful storage space and system expansivity.
- ◎ Cable and wireless network connection.
- ◎ Dual channel.
- ◎ Multiple application modes: zero, weighing, counting, tare, accumulation, serial No. , check weighing & quantity, stock control and so on.
- ◎ Chinese Pinyin spell.
- ◎ Combine with JOW wireless module for wireless weighing solution.

Icon Introduction:

| Icon | Meaning |
|---|---|
|  Stable mark | Stable indication |
|  Zero mark | Zero function within the arrange of 2% max. weight (Zero range is within 2% of maximum capacity. Initial zero point range is within 20% of maximum capacity) |
|  Auto tare mark | Turn on the tare function (Tare range is over 20d but less than maximum capacity) |
|  Weighing Inspection | Turn on the weighing inspection function |
|  lower than min. unit weight | The unit weight is less than 0.8e of division. |
|  insufficient sampling data | Enter the sample quantity and make it less than 10 |
|  Counting Inspection | Turn on the counting inspection function |
|  JOW signal | Turn on the wireless module device |
|  U disk mark | U disk is detected |
|  Wi-Fi signal | Wireless network connection(unavailable now) |

Chapter 2: Installation

Installation Introduction

Precautions

- ⦿ Place the indicator on a flat and stable surface.
- ⦿ Verify the input voltage and the plug type matches the local AC power supply.
- ⦿ Warm up the scale for 15 minutes before using it the first time.
- ⦿ 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 0°C~ 40°C)
- ⦿ Disconnect the power supply before cleaning the indicator.
- ⦿ Don't immerse the indicator in water or other liquids.
- ⦿ Service should be performed by authorized personnel only.

Package:

The package should contain:

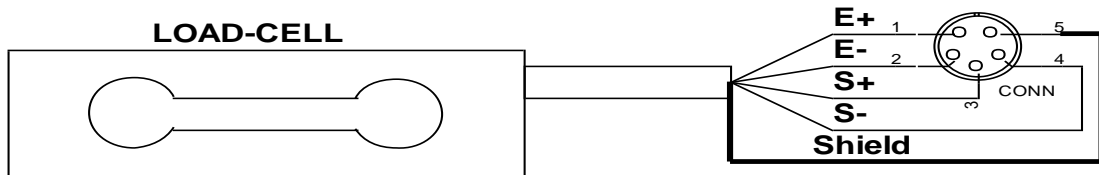
- ⦿ JDI indicator
- ⦿ Adaptor
- ⦿ U disk
- ⦿ User manual

Power Supply:

Adapter Input: 100-240~50/60Hz 800mA

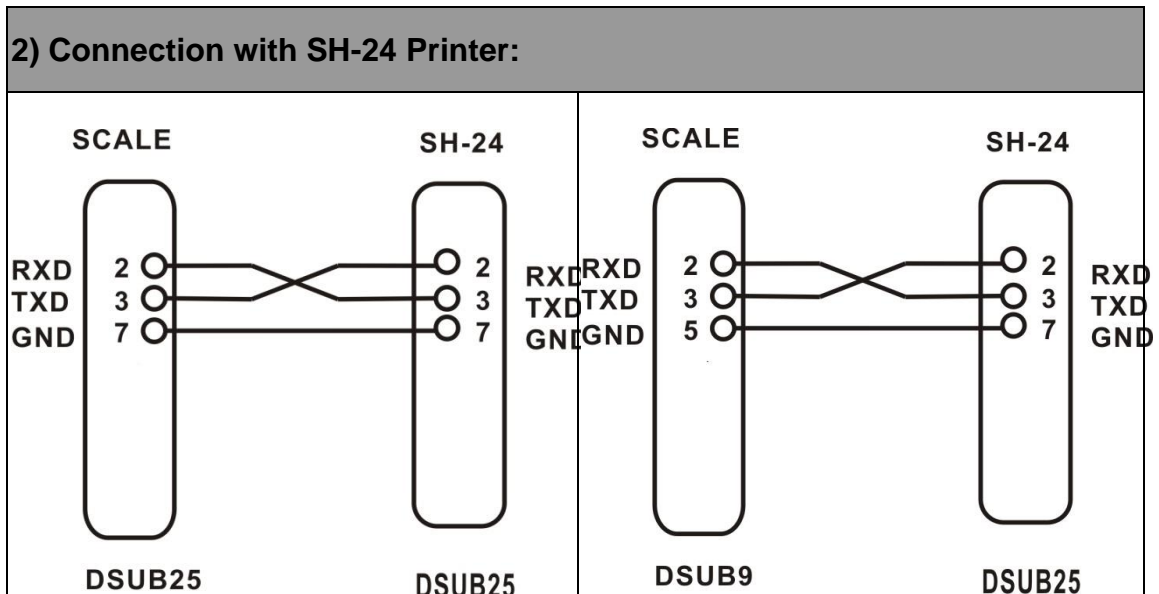
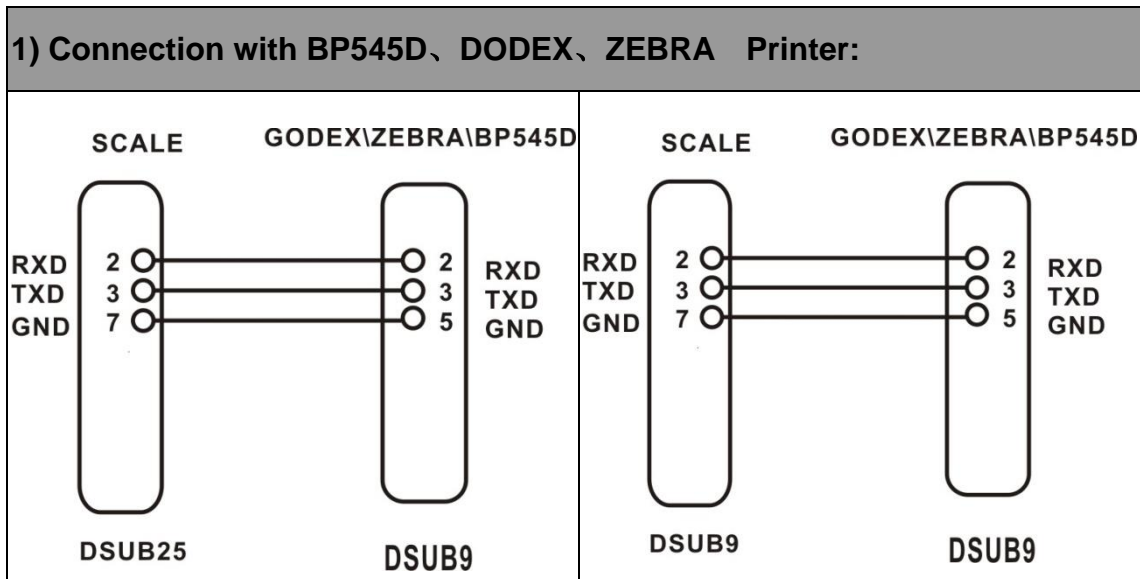
Output: DC 6.0V, 2.5A

Load Cell Connection:



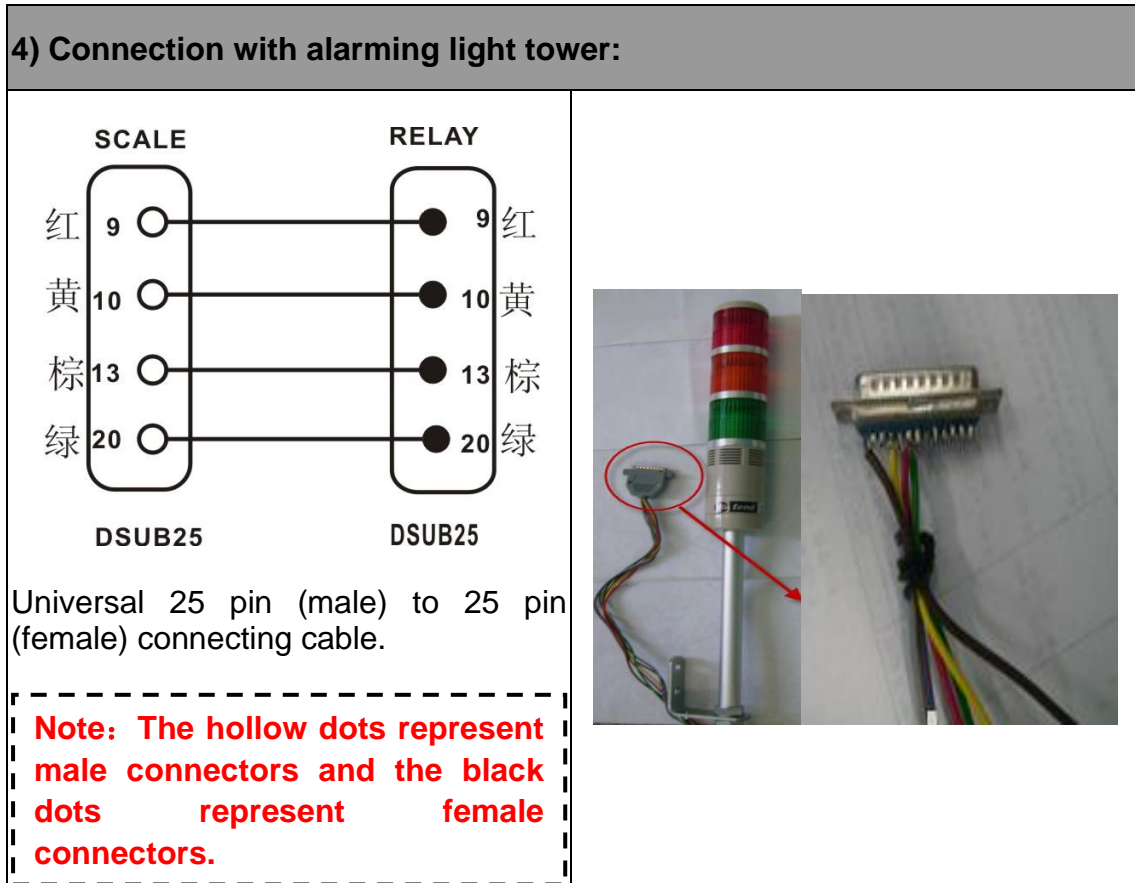
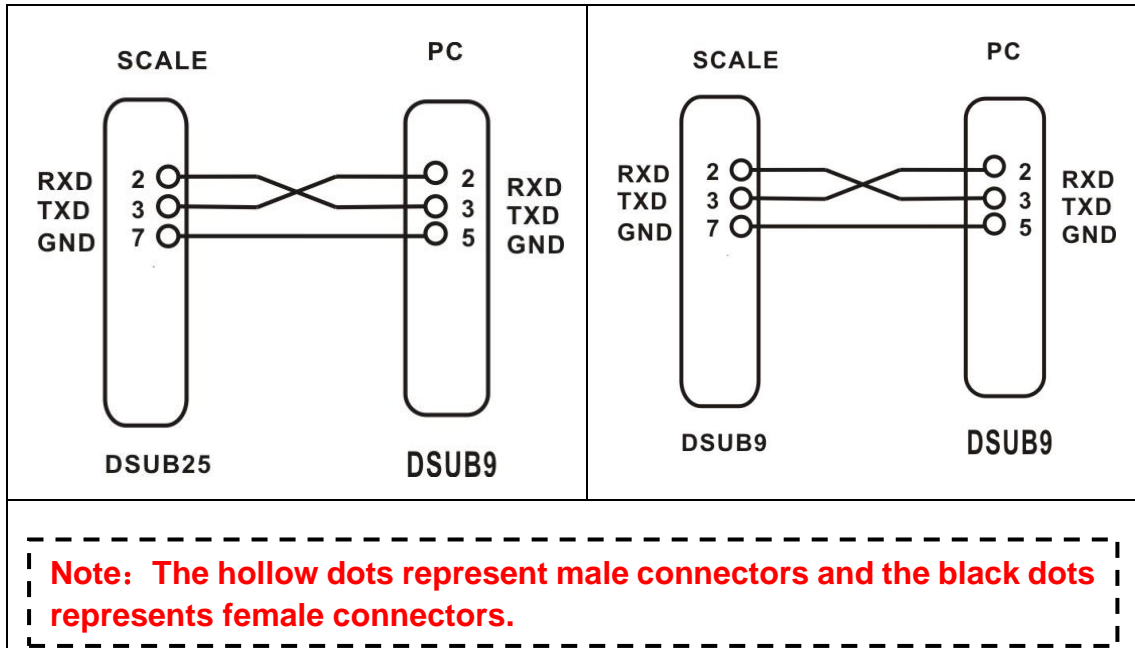
| | PIN | SIGNAL |
|-----------------------------|----------|---------------|
| LOAD CELL CONNECTION | 1 | E+ |
| | 2 | E- |
| | 3 | S+ |
| | 4 | S- |
| | 5 | SHIELD |

Serial Port Connection:



3) Connection with PC:

- (1) Using the cable shown in the following picture to connect the PC and Indicator.
- (2) Set the printing mode to CONTINUE.
- (3) Ensure there is receive program in the PC.



Chapter 2: Operation

Basic Introduction

Keys:



1) ZERO Key:

Sets the display to zero.

2) Tare Key:

Tares the weight or cancels tare on the scale platform. Long press to enter pre-tare mode.

3) GROSS/NET Key:

Toggles between gross and net weight.

4) SLEEP/WAKE Key:

Toggles between standby mode and working mode.

5) I/O Key:

Power on or off the scale.

Note: Scale will turn black when download data at the beginning of power on the scale.

Capacity Setting and Calibration

Capacity and Resolution:

1. Press Key **SETUP** → **Set Weight** → **Advanced Param** → **Accuracy** , you will see the following screen:

Please input capacity and accuracy

Accuracy

Max CAP

Scale1 Scale2

g kg lb oz

tl hl t

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

2. Enter the Accuracy and Max CAP needed, for example:

Please input capacity and accuracy

Accuracy

Max CAP

Scale1 Scale2

g kg lb oz

tl hl t

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Note: You could set different units for Scale1 and Scale2.

3. Press **OK** to save the setting and enter calibration screen, and pls press **Return**, if you don't need to calibrate scale.

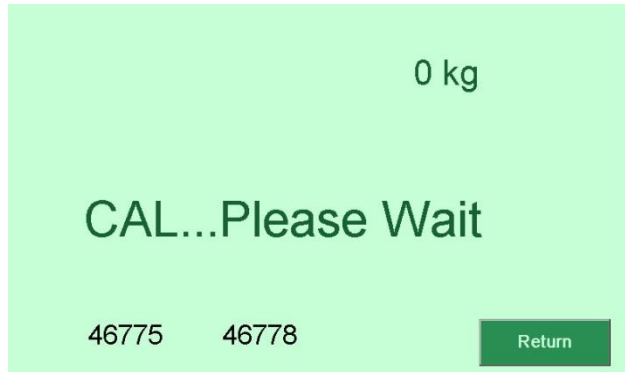
Calibration I:

Press **SETUP** → **CAL** you will enter the calibration screen. Or you could calibrate scale once finishing the Accuracy and Max CAP setting. There are two Calibration method as following:

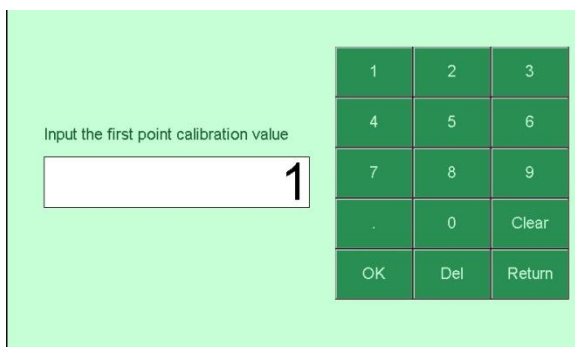
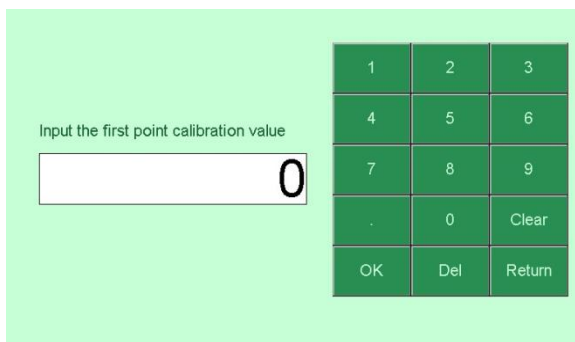
| | |
|------------------------|-----------------------|
| Calibration method I | Calibration method II |
| Arbitrary value | Cal Setup |
| | Multi-point |
| 46777 46778 | Return |

■ Calibration method 1:

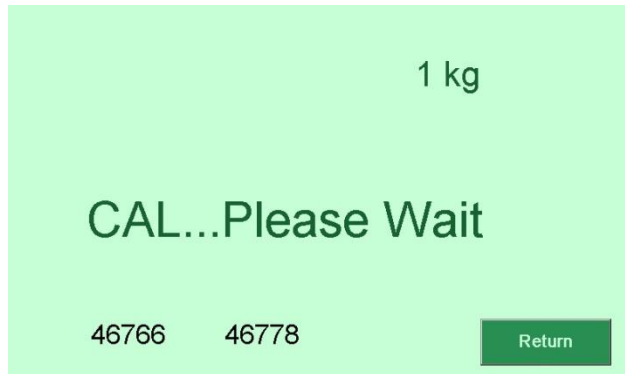
1. Clean the Weighing pan and press **arbitrary value**, the following screen will show:



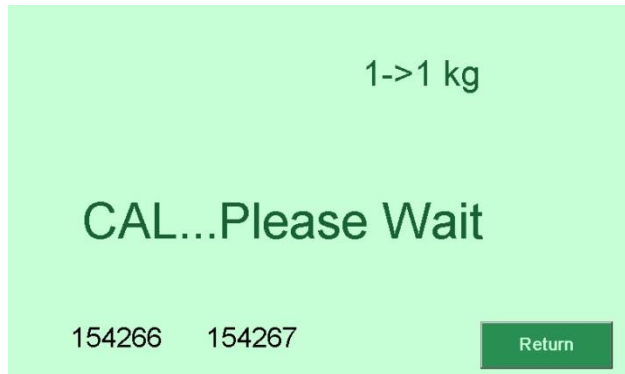
2. The screen will enter the first point calibration setting screen after finishing the zero-point calibration. Please enter the calibration value by numeric key, and press **OK**, for example: enter 1kg (the unit should corresponds the unit set before) , then press **OK**.



3. Please put 1kg weight on the weighing pan:



4. The screen will show “Calibrate OK!” after pass calibration.



5. After showing the “Calibrate OK!”, the screen will show a the inner code of weight on the weighing pan, you could press **Return** to finish calibration or go on STEP 6.

6. Put additional 2kg weight on the weighing pan, the screen will show 3kg, and finish the first point calibration as following:

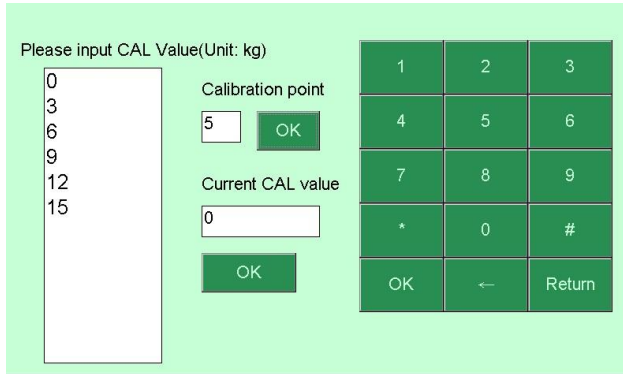


Repeat the STEP 6 to continue several points calibration(n3, on4 and on5).

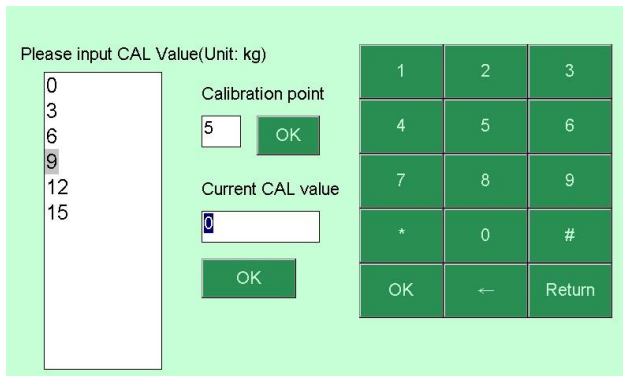
7. Then press **Return** to finish calibration steps.

■ Calibration method II:

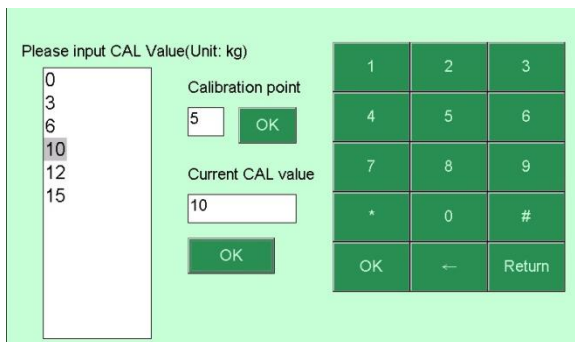
1. Pleas press **Cal Setup** to enter the calibration method II:



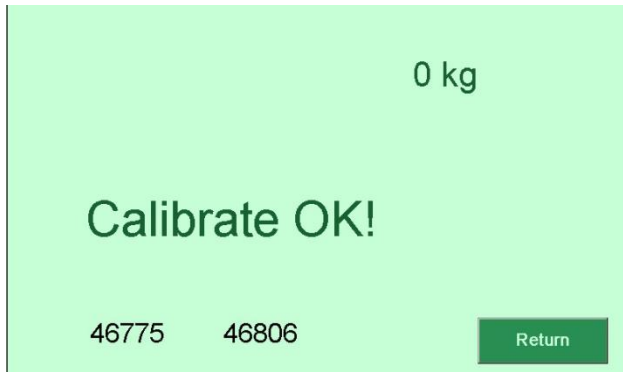
2. Use numeric key to enter the Calibration point you need and press **OK**, then the left screen will show all CAL value automatically:



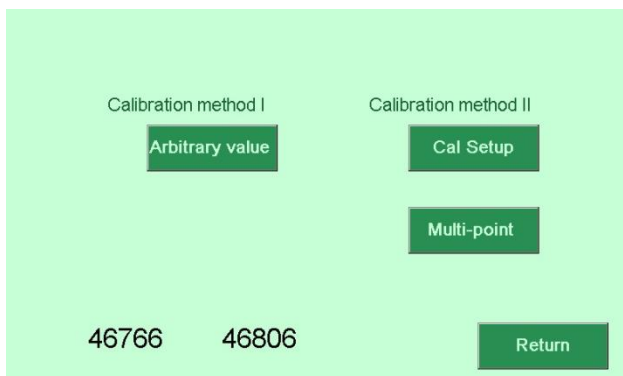
3. If you need to change the CAL value, pls double click the value you need to change in the left screen, to make the value show on message box of the Current CAL value, then enter the value you need and press **OK**, the left screen value will change according to your setting.



4. Press **OK** to return the calibration screen, then press **Multi-point** to continue the calibration:



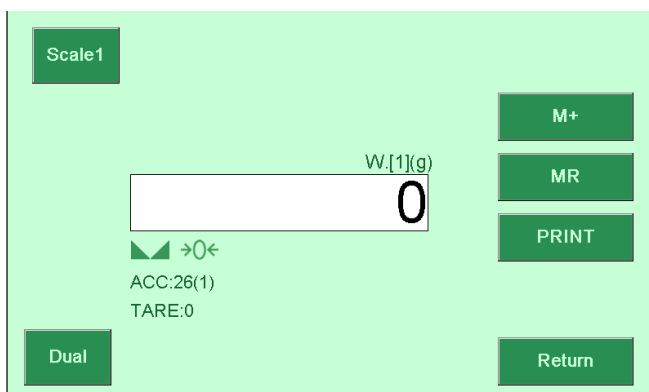
5. Please put the weight according to the data shown on the screen to carry out Multi-point calibration, and the screen will show: “Calibrate OK!” when finish calibration of each point. The screen will back to the calibration screen when finish all points of calibration.

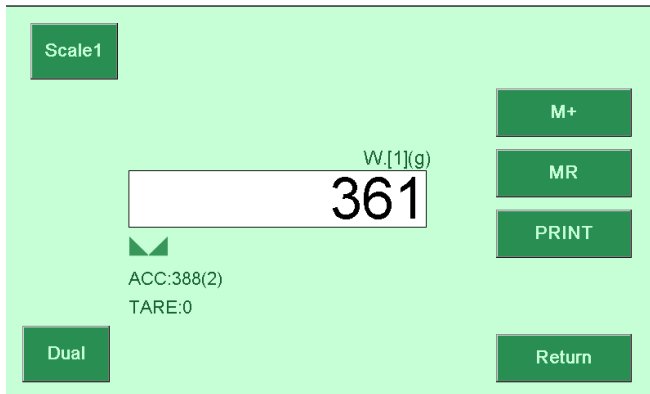


WEIGHT FUNCTION


WEIGHT

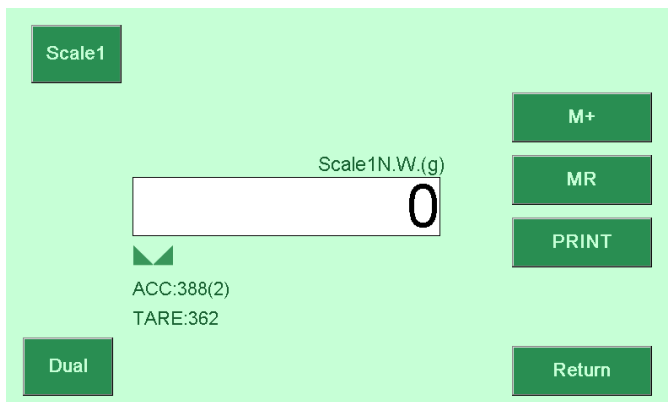
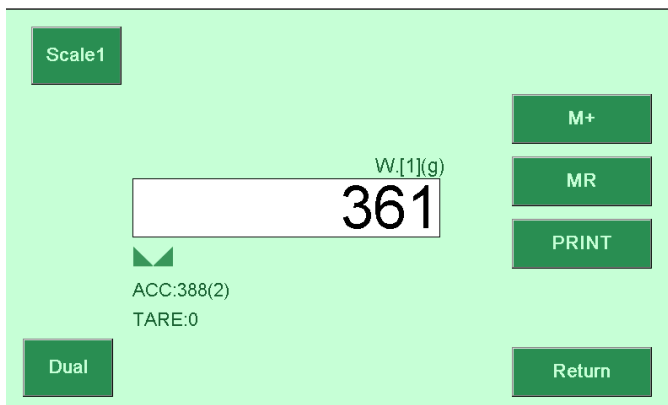
Press **WEIGHT** on the main screen and put weight on the weighing pan:



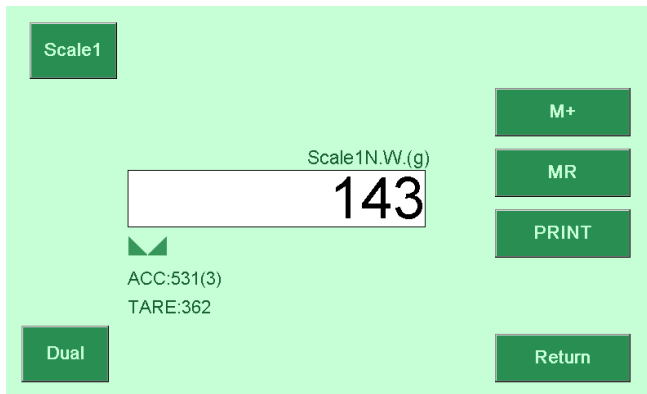


TARE FUNCTION

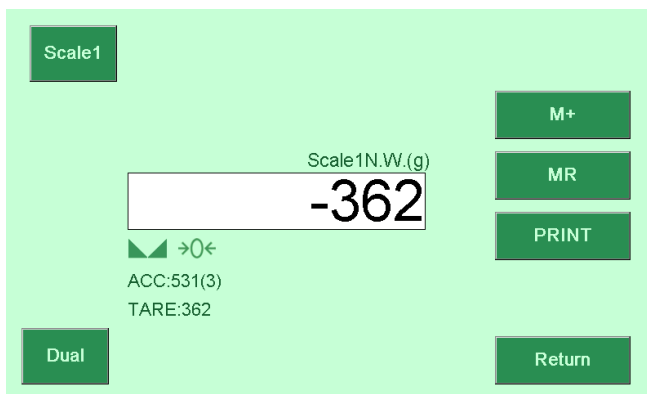
1. Put the container on the weighing pan, and when the screen show stable icon , press **TARE**:



2. Then put weight in the container, the screen will show the net weight of weight.



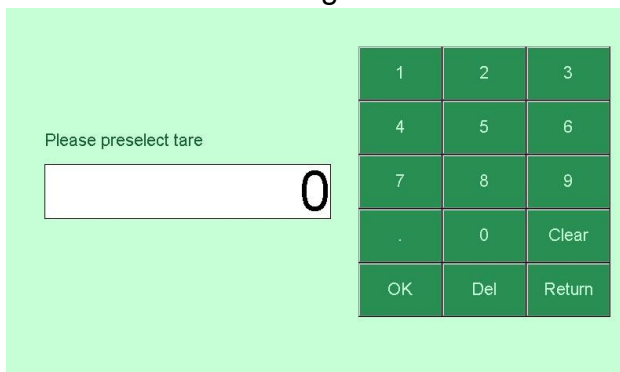
3. Clean the weighing pan, the screen will show the tare weight (the weight of container).



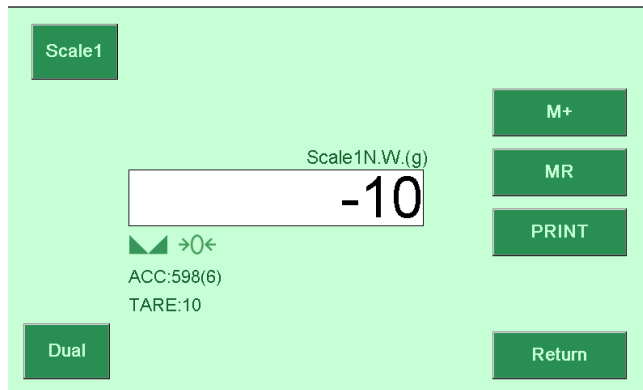
4. Please Press **TARE** again after cleaning the weighing pan to cancel tare.

PRETARE FUNCTION

1. Enter the weighing screen and hold on **TARE** for 3 second, and enter the pre tare value as following:



2. Press **OK** to save value (10g for example) and back to weighing screen:

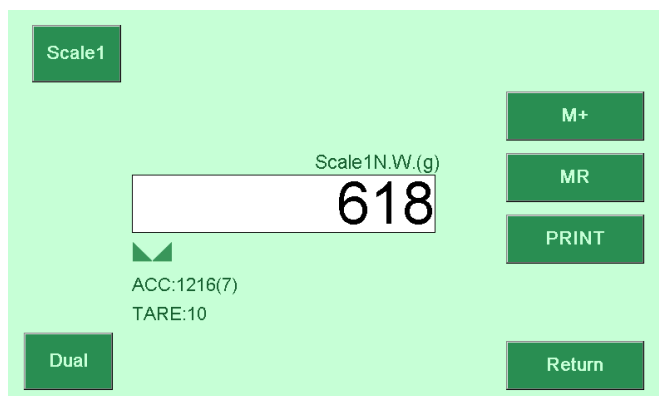


3. Put the weight with container on the weighing pan, the screen will show the net weight of weight.

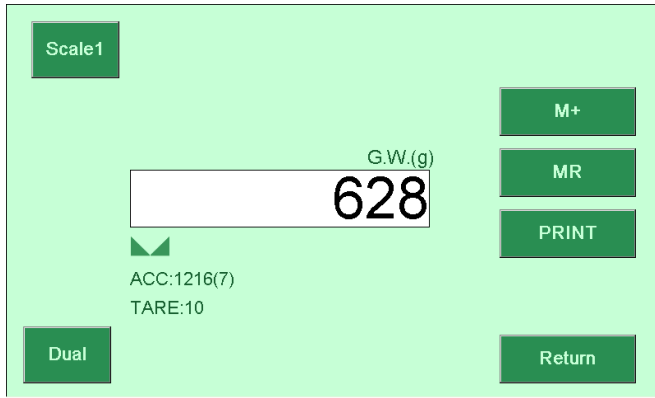
4. Please Press **TARE** again after cleaning the weighing pan to cancel tare.

GROSS/NET WEIGHT FUNCTION

1. Put the container on the weighing pan, and press **TARE**, when the stable icon appear:



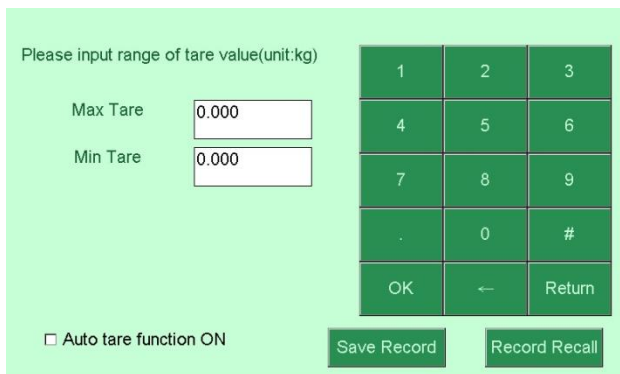
2. Press **GROSS/NET** to switch gross/net weight:



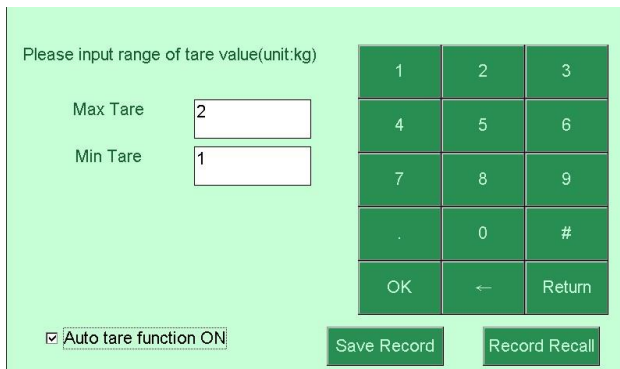
3. Please clean the weighing pan and switch to net weight condition, then press **TARE** to cancel tare.

AUTO TARE FUNCTION:

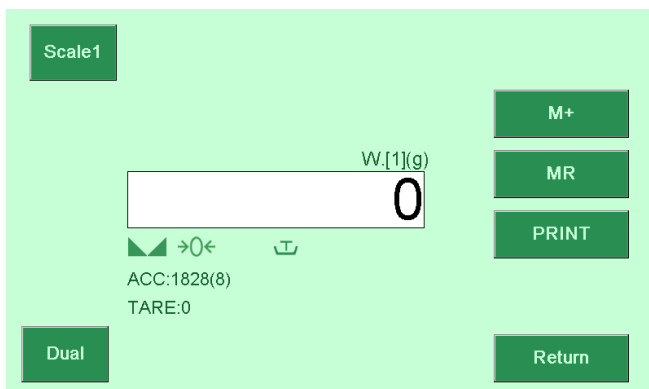
1. Press **SETUP** → **Set Weight** → **General Param** → **Auto Tare** :



2. Enter the Max. Tare and Min Tare value, for example:

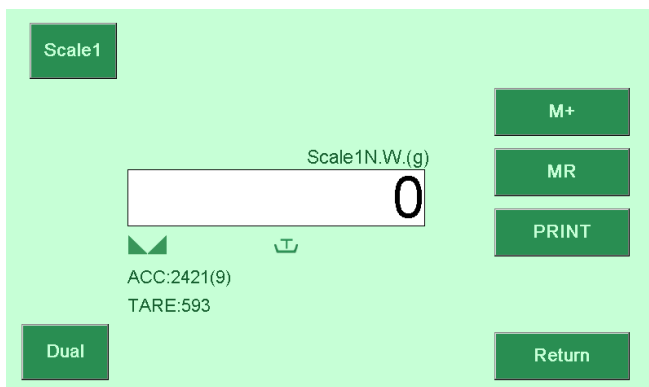


3. Active the Auto tare function ON function, and enter the weighing or counting mode screen:

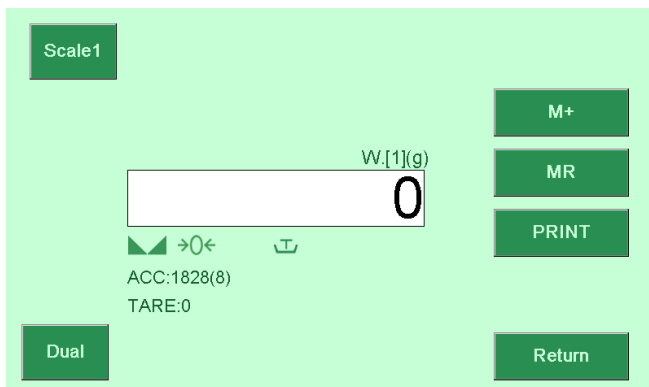


Note: there is  icon and the TARE value will become zero.

4. Put the weight in the setting range, the scale will tare automatically as following:



5. Clean the weighing pan, the tare will be cancelled automatically.



WEIGHT CK

1. Press **SETUP** → **Set Weight** → **General Param** → **Weight CK** :

Pls. input upper/lower limit(unit:kg)

Upper limit

Lower limit

Beep up Beep low
 Beep in Beep out

Check-weighing function ON

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Save Record Record Recall

- Use numeric key to enter the upper limit and lower limit value, and choose the alarm mode("Beep in" for example), and active **Check-weighing function ON**:

Pls. input upper/lower limit(unit:kg)

Upper limit

Lower limit

Beep up Beep low
 Beep in Beep out

Check-weighing function ON

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Save Record Record Recall

- Press **OK** to save the setting.
- Back to the weighing screen, and put the weight on the weighing pan, then the screen will show the High/Low/OK weighing condition.

ACCUMULATION SET

Accumulation

- Press **SETUP** → **Set Weight** → **General Param** → **AccSet** :

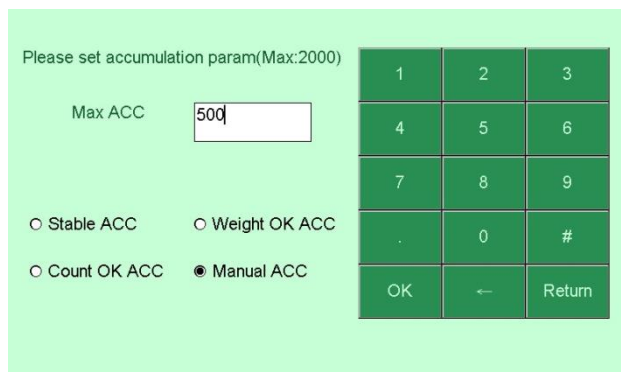
Please set accumulation param(Max:2000)

Max ACC

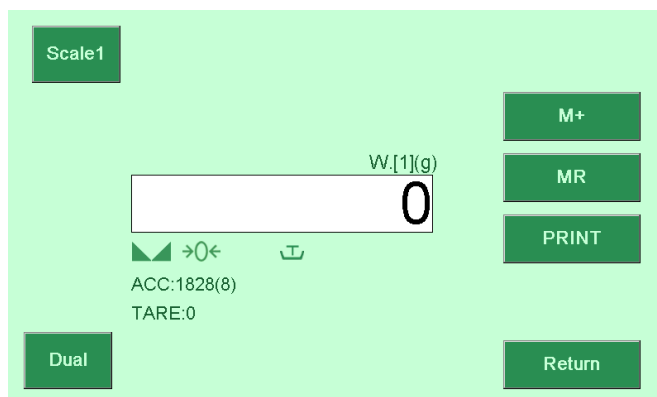
Stable ACC Weight OK ACC
 Count OK ACC Manual ACC

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

2. Enter the Max ACC value and choose the ACC mode(for example: **Manual ACC**), then press **OK** to save setting:



3. Back to the weighing screen, and put the weight, then press **M+** to accumulate data:



Show Accumulation data

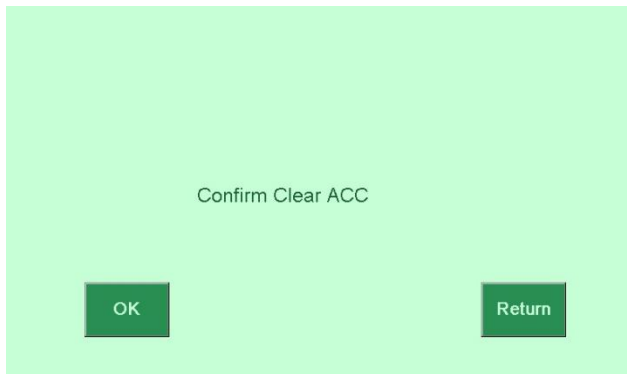
Press **MR** to check all accumulation data, if it is needed:

| Show Acc:22.000kg | | | | 1 / 1 | Export |
|-------------------|------------|------------|----------|-------|--------|
| ID | Weight(kg) | Date | Time | | |
| 1 | 2.000 | 23/01/2013 | 23:20:58 | | DelOne |
| 2 | 2.000 | 23/01/2013 | 23:21:06 | | DelAll |
| 3 | 2.000 | 23/01/2013 | 23:21:14 | | Last |
| 4 | 6.000 | 23/01/2013 | 23:21:40 | | Next |
| 5 | 10.000 | 23/01/2013 | 23:22:39 | | Exit |

Export : Connect U-disk and press **Export** to save the data to U-disk.

DelOne : Please choose the item you need to delete and press **DelOne** to delete it.

DelAll : Please press **DelAll**, if you want to delete all data, then press **OK** to go on or press **Return** to cancel.



Last / **Next** : Use these button to check the data page by page.

Serial Number Setting:

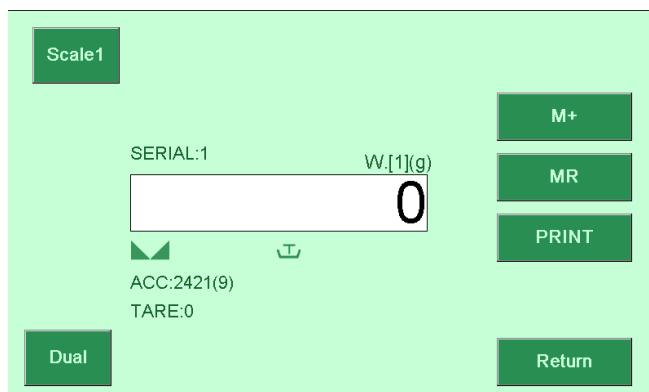
1. Press **SETUP** → **Set Weight** → **General Param** → **SerialSet** :

2. Enter the Current SN, Max. SN, the SN increase way, and so on. (for example:

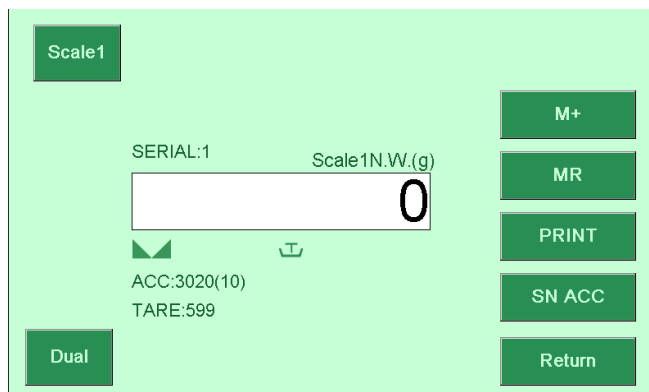
Weighing SN、**Manual ACC** as following:)

3. Press **OK** to active SN function, and enter the weighing screen, you will see

the Serial Number:

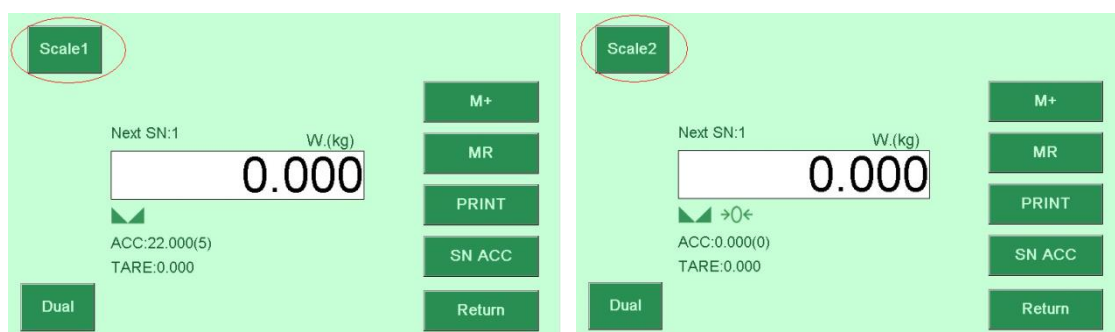


4. Put weight on the pan, and the weight data is stable, then press **SN ACC**, the ACC number will increase one by one:



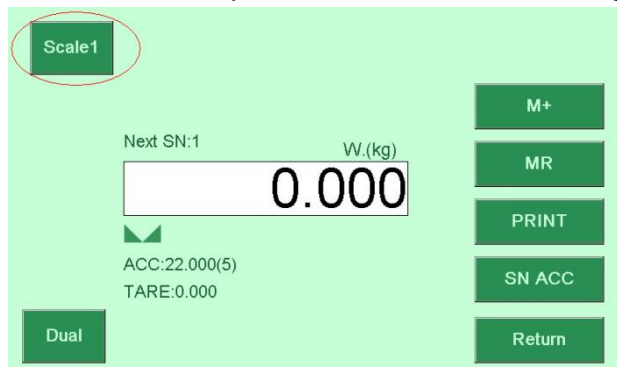
Dual Scale Switch:

Connect Scale 1 and 2, you could see **Scale1** or **Scale2** on the top left side for switch scales:

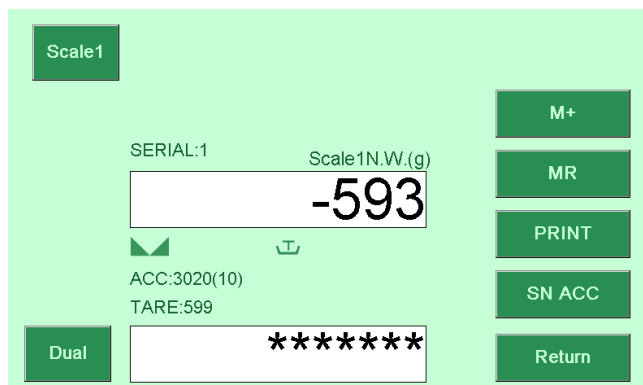


Dual Scale Display:

1. Connect two platform, and enter the weighing screen:



2. Press **Dual**, the weighing data of two platforms will appear in the screen at the same time:

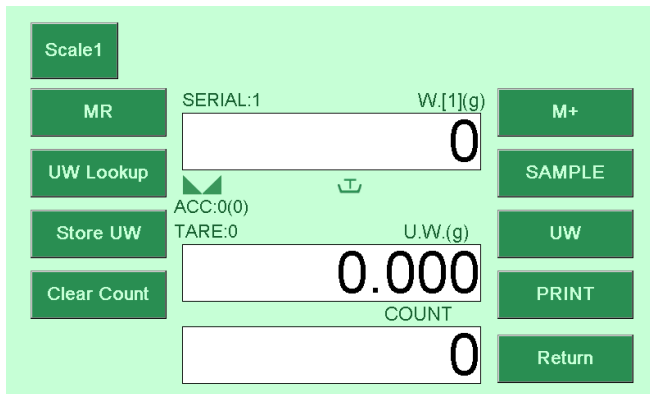


■ COUNTING FUNCTION

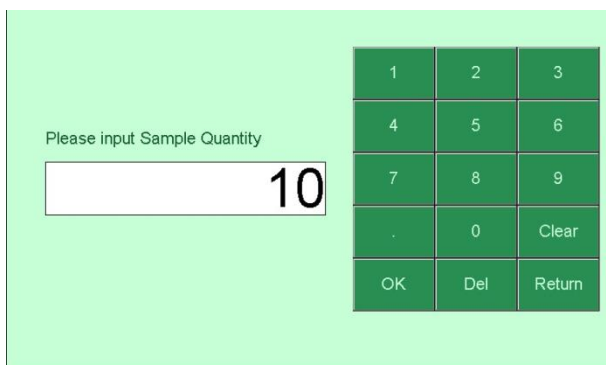
Note: Counting and Weighing mode share same function of tare, pre-tare, auto-tare Weigh CK, ACC, SN, and Dual channel.

SAMPLE

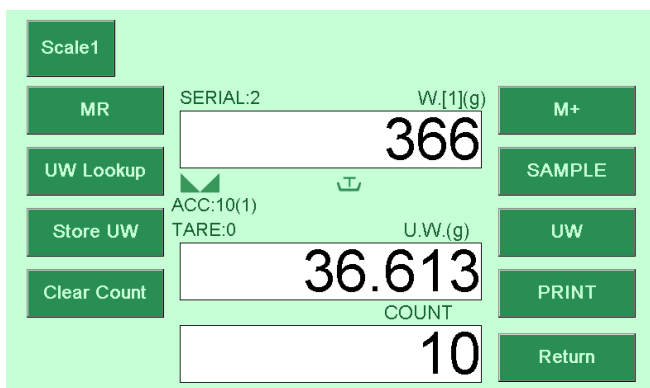
1. Press **COUNTING** and enter the normal counting mode:



2. Put the weight and press **SAMPLE** to input the sample quantity:



3. Press **OK** after setting sample quantity and back to the normal counting mode:



4. **ACAI(Automatic Counting Accuracy Improvement)** : Add additional sample to get a more accurate unit weight. For example: take a sample quantity as 10 first time and get a unit weight, then you could add more sample(the additional sample should less than total quantity) to get a more accurate unit weight. Repeat the sample modification, in order to get a more accurate unit weight.

5. ACAI is activated once input a sample quantity, and hold on **SAMPLE** button to disable it.

Unit Weight, Store UW, UW Lookup:

Input Unit Weight:

1. Press **COUNTING** button and enter the counting mode:

The screenshot shows the scale's main menu with the following elements:

- Buttons on the left: Scale 1, MR, UW Lookup, Store UW, Clear Count.
- Buttons on the right: M+, SAMPLE, UW, PRINT, Return.
- Display fields: SERIAL:1, W.[1](g) with a value of 0, ACC:0(0), TARE:0, U.W.(g) with a value of 0.000, and COUNT with a value of 0.

2. Press **UW** to input the unit weight:

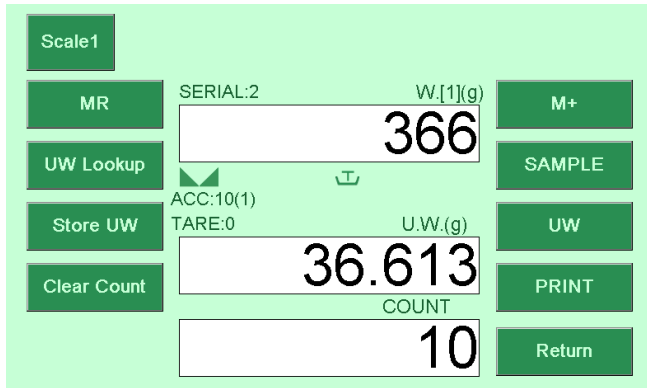
The screenshot shows the 'Please input UW' screen with a numeric keypad. The keypad has the following layout:

| | | |
|----|-----|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | Clear |
| OK | Del | Return |

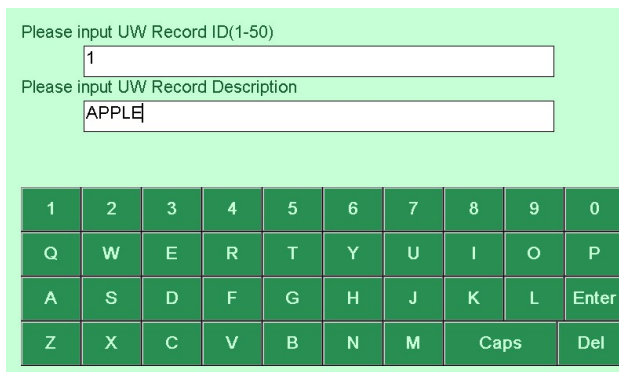
3. Press **OK**, after enter the UW, and return the counting mode:
4. Put the weight and count automatically:

Store UW:

1. Put the weight and get a unit weight under the counting mode:



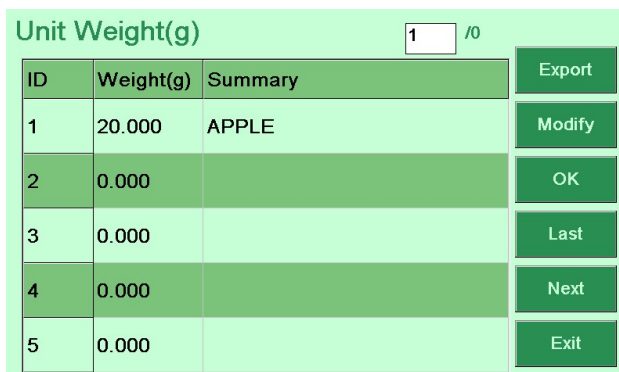
2. Press **Store UW**, and enter the UW record and description:



3. Press **OK** to save the unit weight and return the normal counting mode.

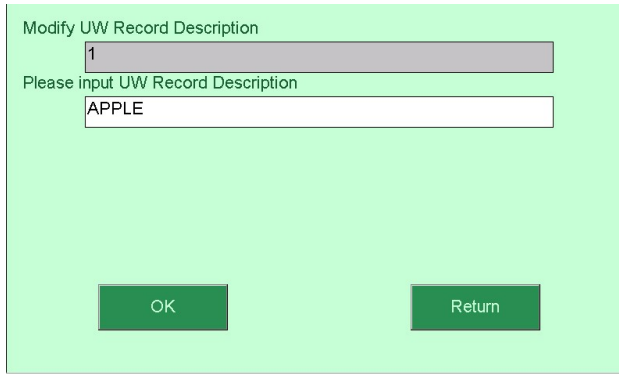
UW Lookup:

1. Enter the counting mode, and press **UW Lookup** :



Export : Press this button to export the data to U disk.

Modify : Choose the needed ID item and press **Modify** to alter the info of this UW record.



OK : Choose the needed ID item and press OK to enter the normal counting mode.

Last / **Next** : Lookup the UW record page by page.

Exit : Exit this screen and return to counting mode.

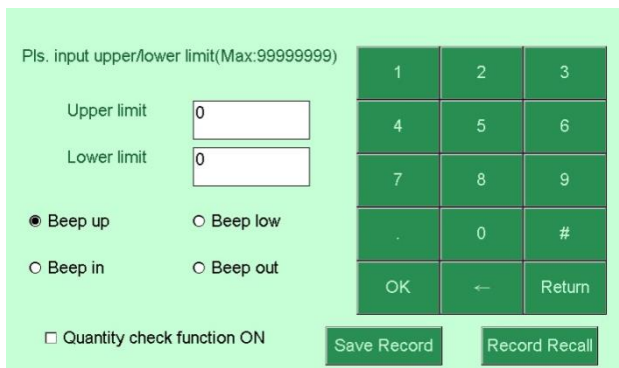
2. Choose the needed ID item and press OK to enter the normal counting mode:

Clear Count:

If there is U.W. data or COUNT data, press **Clear Count** to delete the UW data and COUNT data.

Quantity Check:

1. Press **SETUP** → **Set Weight** → **General Param** → **QYT CK** :



2. Enter the upper and lower limit and choose the alarming mode (for example, **Beep in**), and active the Quantity check function ON.

Pls. input upper/lower limit(Max:99999999)

Upper limit

Lower limit

Beep up Beep low
 Beep in Beep out

Quantity check function ON

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Save Record Record Recall

3. Press **OK** to save setting and return the normal counting mode.

“High” indication appears, when the item on the weighing pan is greater than the upper limit:

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

6. “Low” 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.

Chapter 4: Scale Setup

Parameter setting

Press **SETUP** and **Set Weight** to enter **General Param** or **Advanced**

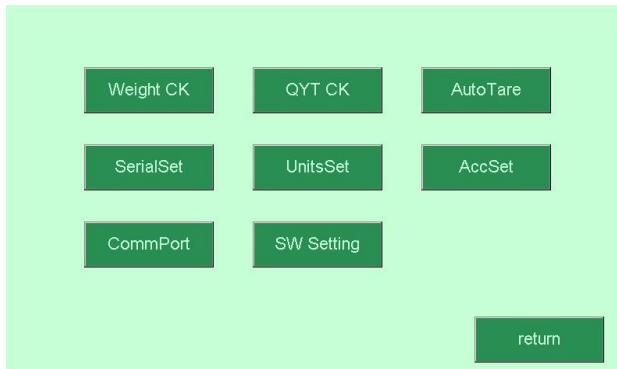
Param:

General Param Advanced Param

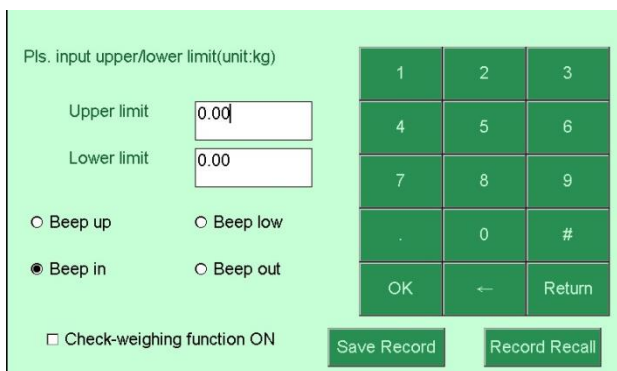
return

General Param

Press **SETUP** → **Set Weight** → **General Param**:



Weight CK



Beep up: There is beep, when the item on the weighing pan is greater than the upper limit.

Beep low: There is beep, when the item on the weighing pan is smaller than the lower limit.

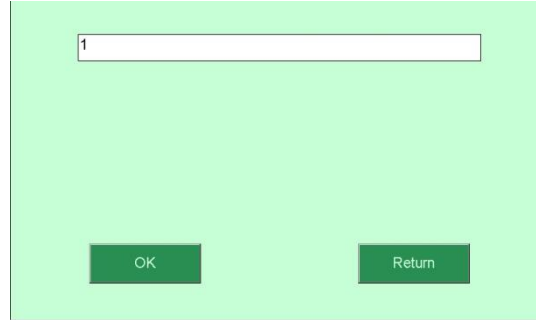
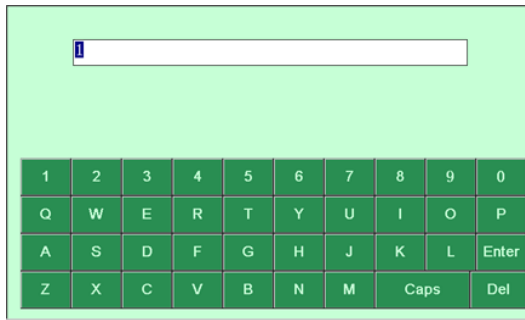
Beep in: There is beep, when the item on the weighing pan is between upper and lower limits.

Beep out: There is beep, when the item on the weighing pan is smaller than the lower limit or greater than the upper limit.

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

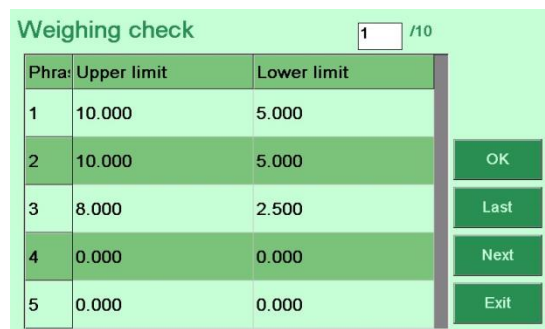
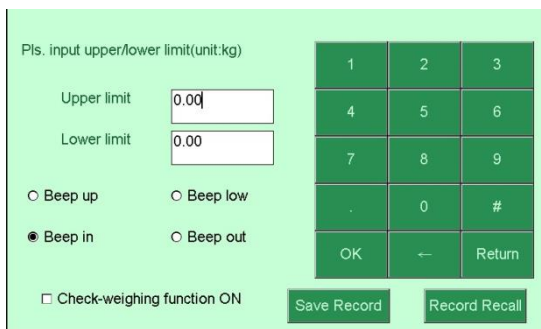
Unit Weight Save and Calling-out

1. Press **Save Record** to save the upper/lower limit setting, and enter the record title as following:

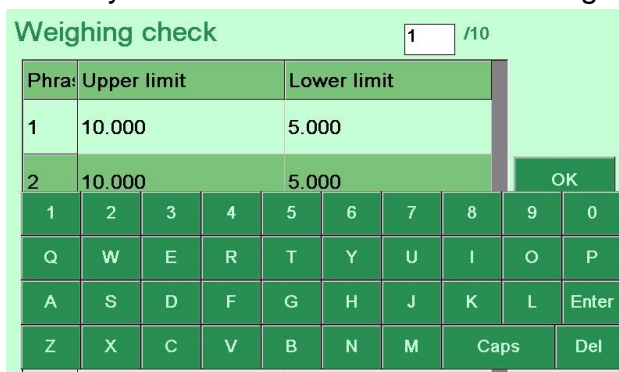


2. Press **Enter** to save the title and Press **OK** to save this record. Repeat the step 1 and 2 to save record up to 50 pcs.

3. Press **Record Recall** to choose the upper/lower limit setting record needed:



Press **Last** and **Next** to choose the item needed or enter the page number directly to check the item list as following:



5. Press the need item No. and press **OK** or press **Exit** to return last level.

QYT CK

Pls. input upper/lower limit(Max:99999999)

Upper limit

Lower limit

Beep up Beep low
 Beep in Beep out

Quantity check function ON

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Save Record Record Recall

Beep up: There is beep, when the item on the weighing pan is greater than the upper limit.

Beep low: There is beep, when the item on the weighing pan is smaller than the lower limit.

Beep in: There is beep, when the item on the weighing pan is between upper and lower limits.

Beep out: There is beep, when the item on the weighing pan is smaller than the lower limit or greater than the upper limit.

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

Weight CK and QYT CK have the same function in Save Record and Record Recall.

Auto Tare

Please input range of tare value(unit:kg)

Max Tare

Min Tare

Auto tare function ON

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Save Record Record Recall

Activate or Disable this function: Auto tare function ON

Auto Tare and QYT CK have the same function in Save Record and Record Recall.

Serial Set:

Please input serial number(Max:99999)

Cur SN

Max SN

Stable ACC Weight OK ACC
 Count OK ACC Manual ACC
 Weighing SN Counting SN
 Serial number function ON Count Down

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Note: Count down is available.

Stable ACC: The serial number plus 1 (+1) or minus 1 (-1) when the stable sign appear.

Weight OK ACC: Serial number plus 1 (+1) or minus 1 (-1) when the weight is in between HI –LO checking limits.

Count OK ACC: Serial number plus 1 (+1) or minus 1 (-1) when the weight is in between HI –LO checking limits.

Manual ACC: Serial number plus 1 (+1) or minus 1 (-1) when press **SN ACC**.

Weighing SN: Activate Serial number function under weighing mode.

Counting SN: Activate Serial number function under counting mode.

Note: Max. Serial number up to 99999 pcs.

UnitsSet

Please select weighing unit

g kg lb
 oz tl hl
 t

Option: g, kg, lb, oz, tl, hl, t

Acc Set

Please set accumulation param(Max:2000)

Max ACC

Stable ACC Weight OK ACC
 Count OK ACC Manual ACC

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Four user-friendly ACC method as following:

Stable ACC: Accumulate when weight is stable.

Weight OK ACC: Accumulate when the weight is within the HI,LO range (OK range).

Count OK ACC: Accumulate when the count is within the HI LO range(OK range).

Manual: Accumulate manually by pressing。

Note: the max. ACC number up to 20000.

CommPort

Please select the output port for the external device

Printer 9Pin 25Pin

LED display 9Pin 25Pin Wireless

Scale software 9Pin 25Pin Network

Wireless LC 9Pin

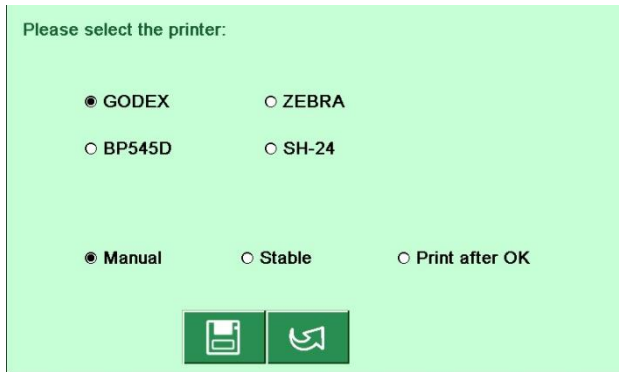
Optional external devices:

Printer: Choose the RS-232 port needed.

Press **Set** to choose the printer and the printing mode.

The printer: GODEX、ZEBRA、BP545D、SH-24

The printing mode: Manual, Stable, Print after OK



LED display: Optional display

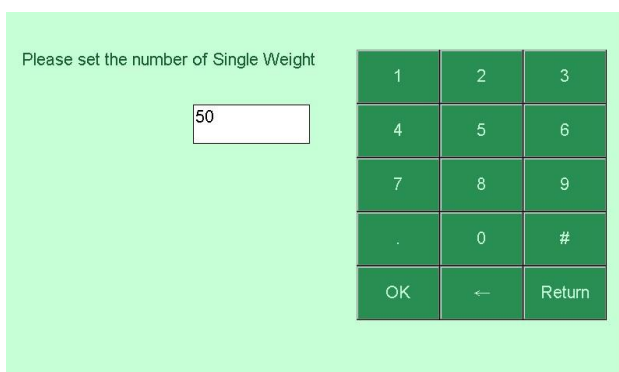
Scale software:

Press **Set** to choose its sending mode: Manual send, Stable, Continuous



Wireless LC: JOW wireless module optional.

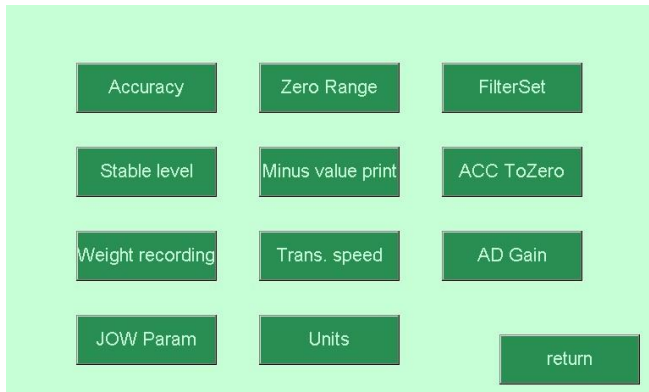
SW Setting



The max single weight number up to 50 pcs.

Advanced Param

Press **SETUP** → **Set Weight** → **Advanced Param**:



Accuracy

Please input capacity and accuracy

Accuracy

Max CAP

Scale1 Scale2

g kg lb oz
 tl hl t

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| . | 0 | # |
| OK | ← | Return |

Scale Accuracy and Max. Capacity setting, and the unit switch.

Zero Range

Choose the Zero Range rank

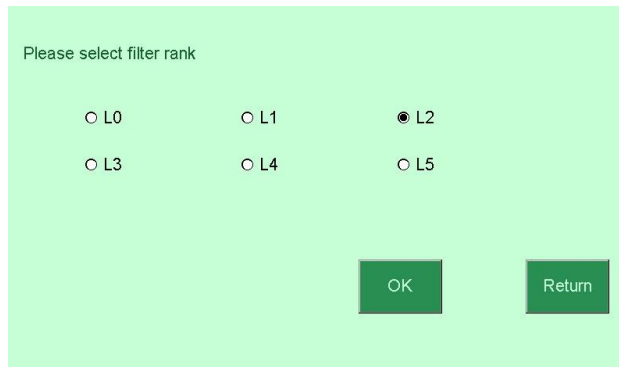
D0 D1 D2
 D3 D4 D5

Choose the zero range rank: D0、D1、D2、D3、D4、D5 according to the actual using surrounding.

D0: Zero point indication appears when variation is $\pm 0e$

D1-D5: Zero point indication appears when variation is $\pm 1e, 2e... \pm 5e$

FilterSet



Please select filter rank

L0 L1 L2

L3 L4 L5

OK Return

Set filter level. The higher setting and the better shockproof.

Choose the filter rank as L0、L1、L2、L3、L4、L5 to improve the unstable condition..

L1: the good working condition with best performance.

L2: the relatively stable working condition.

L3: the common working condition

L4: the unstable working condition with the slower reaction.

L5: the vibrative working condition.

Stable level



Please select the stable level

Rapid Middle Slow

OK Return

Select the stable level as Rapid, Middle, and Slow to set the condition for appearance of stable indication.

Minus value print

Enable minus value print

No Yes

OK Return

Set whether enable minus value print

To enable or disable minus value print.

ACC ToZero

Please select whether acc after tozero

Yes No

OK Return

Set whether to accumulate after the display goes back to zero.

Yes : Accumulate after return to zero

No : Accumulate without returning to zero

Weight recording

Please choose weight recording or not

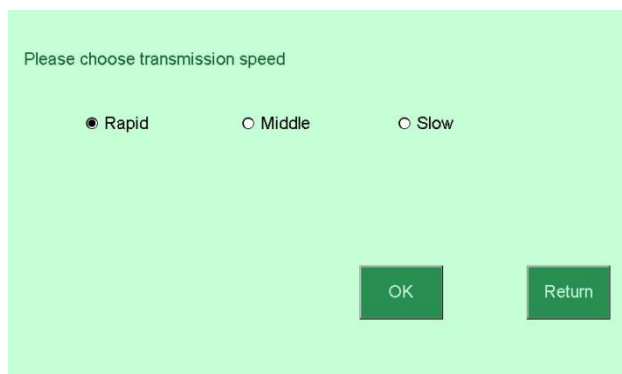
No Yes

OK Return

No : Turn off and turn on the scale, the scale won't show the last weighing data.

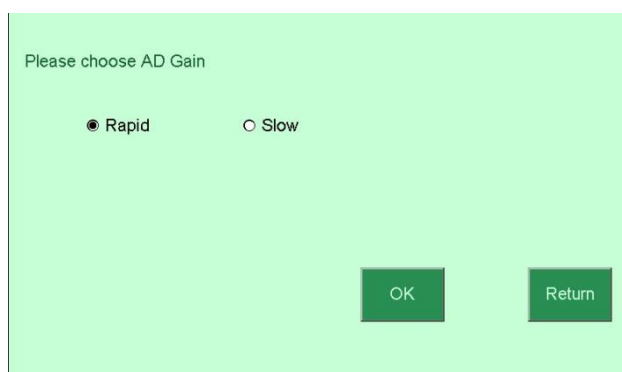
Yes : Turn off and turn on the scale, the scale will show the last weighing data.

Trans. speed



Choose the data transmission speed of scale, when worked with weighing management software.

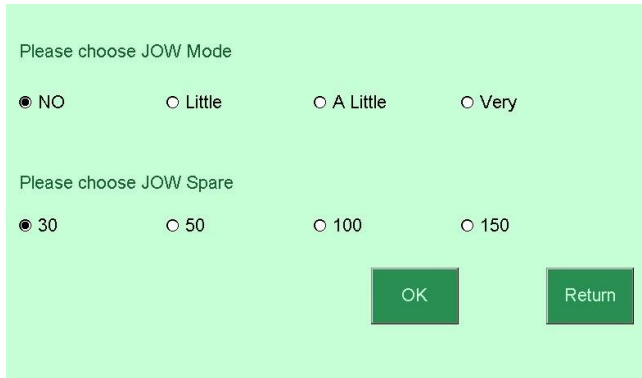
AD Gain



Rapid : Suitable to low resolution scale

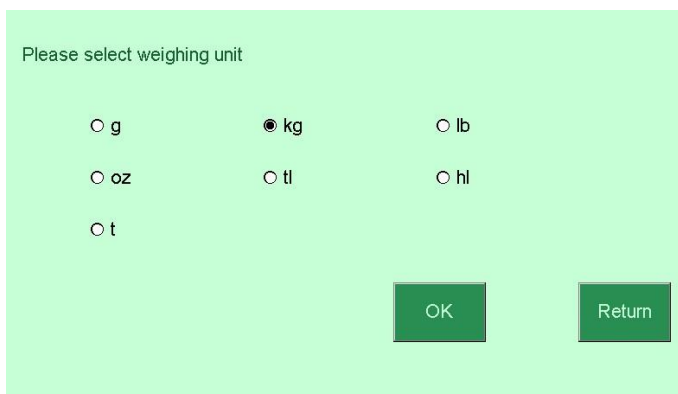
Slow : Suitable to high resolution scale

JOW Param



choose power saving mode and communication distance(JOW Spare), and press **OK** to save parameter.

Units



choose the unit needed, and press **OK** to save parameter.

Chapter 5: Network Setting

Network

Press **SETUP** → **Network** , there are two choice for network: **EthNet** and **WifiConn**.

Cable Network

1. Press **EthNet** to set the network connection:

IP Address: 192 168 0 237
Netmask: 255 255 255 0
Gateway: 192 168 0 1
MAC Address: 32 40 90 24 51 71
 Auto-get IP

| | | |
|----|---|--------|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| * | 0 | # |
| OK | ← | Return |

2. Enter the **IP Address**, **Netmak**, **Gateway** and **MAC Address** directly or Activate the function of **Auto-get IP** to connect network.

Note: MAC Address use decimal system.

3. Press **OK** to save setting and connect the network.

Wifi Connection

1. Press **WifiConn** to set the wifi connection:

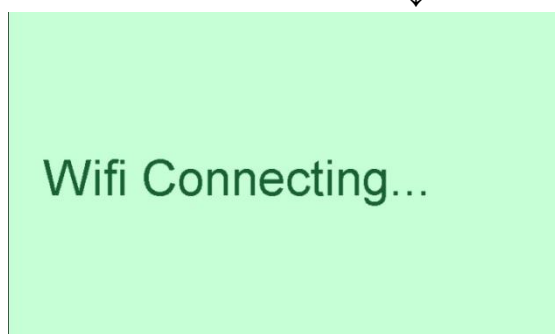
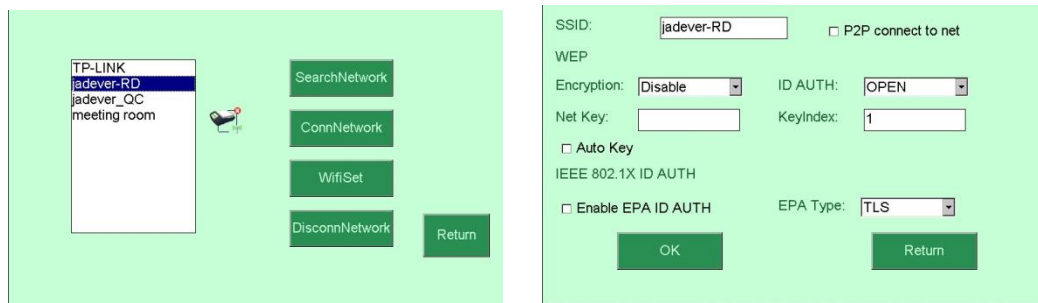
SearchNetwork
ConnNetwork
WifiSet
DisconnNetwork
Return

2. Then insert the WLAN card and press **SearchNetwork** after identification:

TP-LINK
jadever-RD
jadever_QC
meeting room

SearchNetwork
ConnNetwork
WifiSet
DisconnNetwork
Return

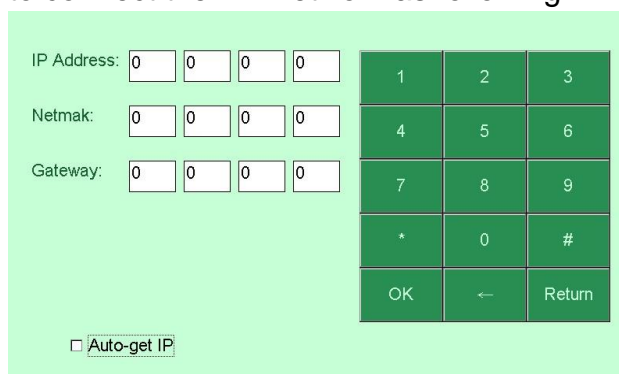
3. Choose the wifi resource you need and press **ConnNetwork** to set the wifi info, and press **OK** to connect the wifi network:



5. The screen will show the following screen after connecting the network successfully:



6. Press **WifiSet** to enter the IP, Netmak and Gateway or activate **Auto-get IP** to connect the wifi network as following:

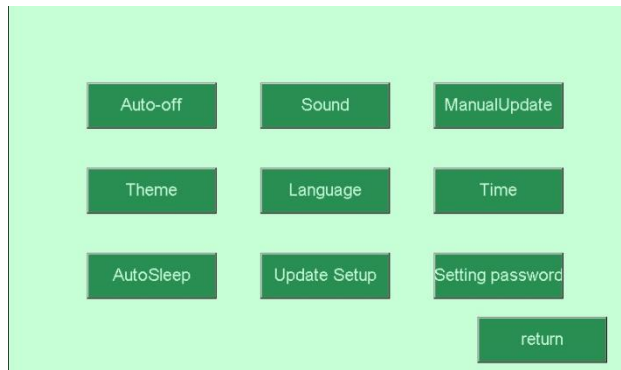


7. Press **DisconnNetwork** to disconnect the network anytime needed.

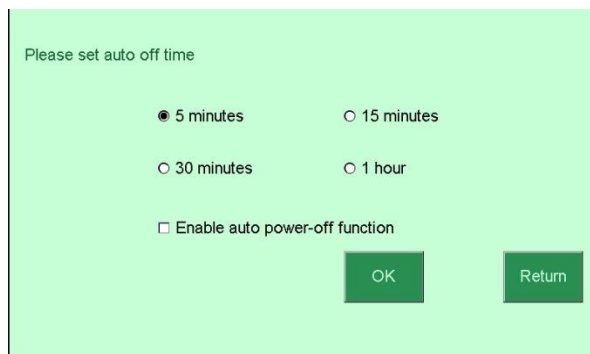
Chapter 6: System Setting

System Setting

Press **SETUP** → **System Set** :

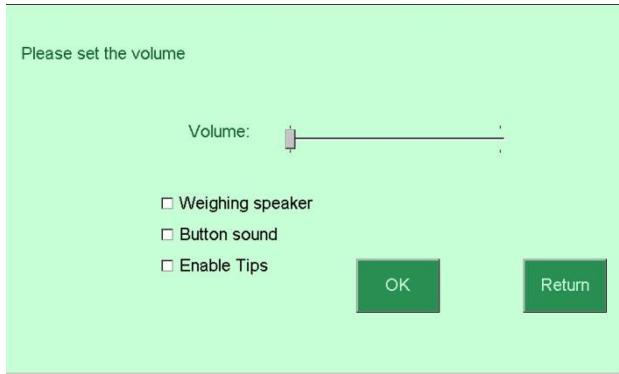


Auto-off



Sets the period of inactivity (the weight is less than 9d of gross weight) before the scale automatically turns off.

Sound



The scale has been installed button sound, weighing speaker and enable tips. Please connect to audio device, if you wish to use this function.

Manual Update

Use the U disk to copy the new program, and then insert the U disk to the USB port. The system can be updated by simply pressing Manual Update button.

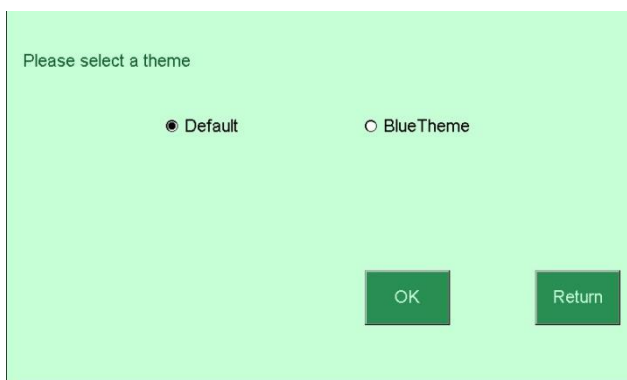
Note:

⊙ If the system cannot identify the U-disk, please restart the scale and use another U-disk.

⊙ U-disk cannot be used together with Wifi network card.

Note: It is prohibit changing the file name of JDI, after copy to the U disk and should save this file to the root directory.

Theme



Press to select your favor theme: blue style for default.

Note: The system will restart automatically after choose a new theme.

Language



Simplified Chinese/Traditional Chinese/English/Spanish

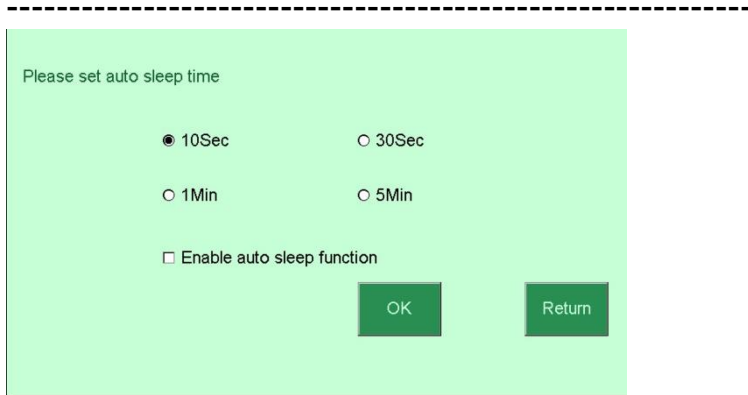
Note: The system will restart automatically after choose a new

Time



Set the time of system according to the local time.

AutoSleep

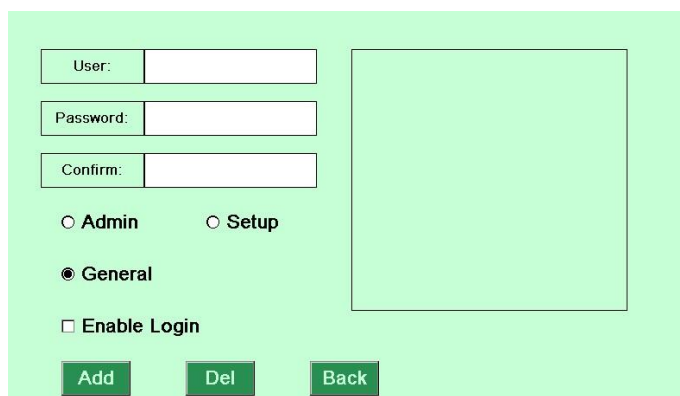


Set the period of inactivity before the scale automatically turns to standby mode.

Note: The way to wake up the scale

- ◎ Press key Sleep/Wake
- ◎ Click the screen

Setting password

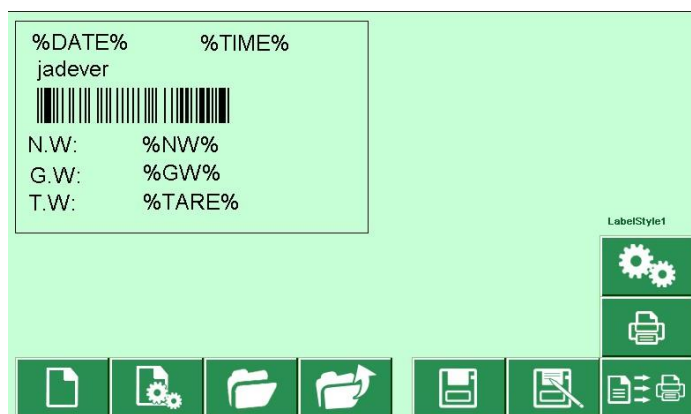


Set a password.


Chapter 7: Printing Label Setting

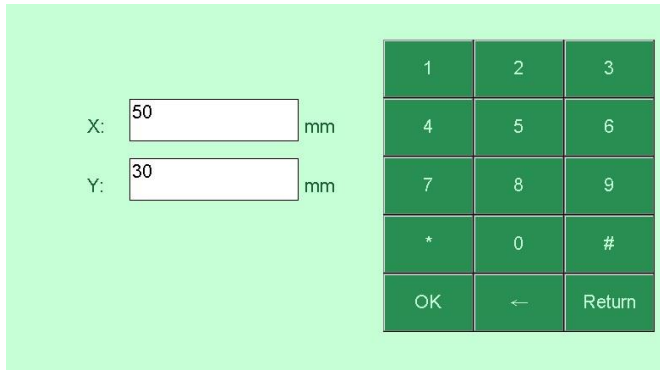
Label Edit

Press **SETUP** → **Set Label** the screen shows following:

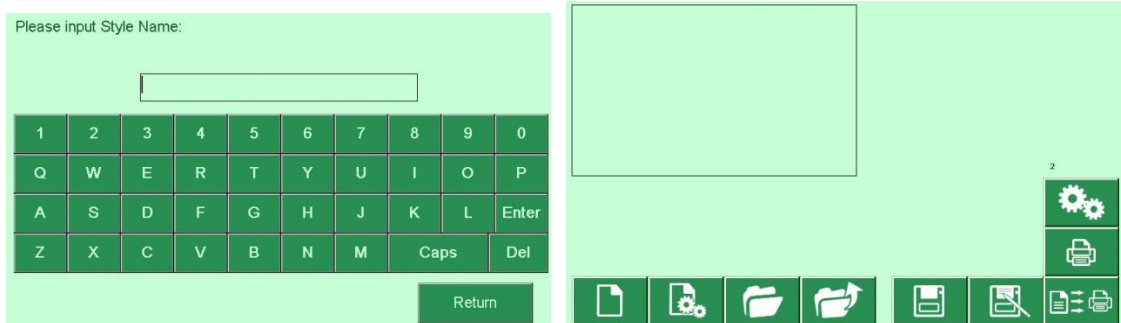


New Label

1. Press  to create a new label and enter the size needed and press OK to save the setting:

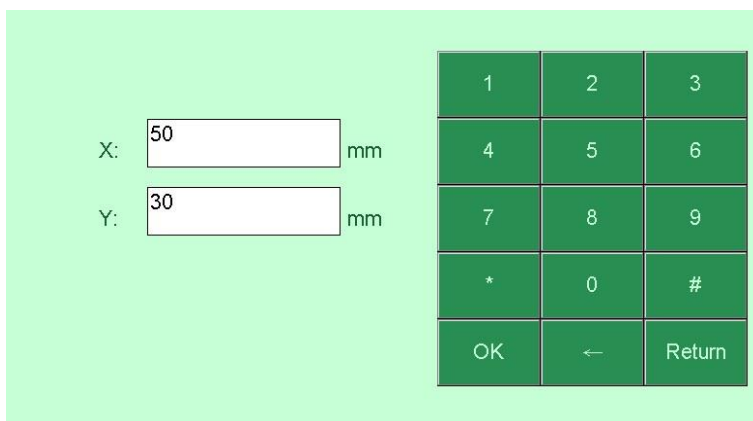


2. Enter the style name(label name) and press **Enter** to save the name of label and go to the label edit:

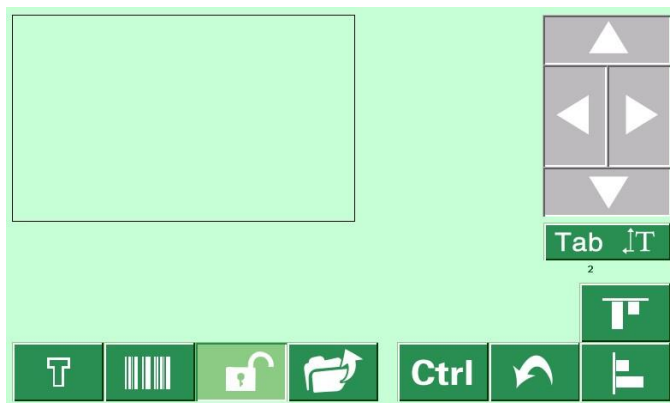


Edit

Press  to go to the edit screen directly, but you also have to enter the label size firstly as following:






Then press OK to enter the edit screen:





| ICON | MEANING | ICON | MEANING |
|------|--|------|-----------------------------------|
| | Text | | Printing setting |
| | Barcode | | Direct Print |
| | Delete | | Input designed label into printer |
| | Top Align | | Left Align |
| | Lock | | Unlock |
| | Left forward and right forward | | Up forward and down forward |
| | Open the file | | Save as another file |
| | Enter | | Exit |
| | Input designed label into scale | | Output label |
| | Hold the selected item, and add other items being selected | | Undo current operation |
| | Edit | | New Label |
| | Text adjustment | | Label adjustment |


1. Settable bar code with 6 printing style and 13 parameter optional.
2. The date and time on the label is based on the scale time setting.
3. Readable bar code printing: yes or no optional

4. Bar code: CODE39, CODE93, CODE128, UPCA, UPCE, EAN8, EAN13
5. When use SH24 printer, no need to set the label.
6. Press one parameter as the reference point. Then press the button of **Top Align**  or **Left Align** . Press another desired parameter to align. Press **Top Align** or **Left Align** again to complete.
7. Click any desired place before adding the parameter, the parameter will appear exactly in the same place. Otherwise, it will appear in the default top place.
8. : Lock means that all the parameters cannot be moved.
9. Printing setting:
 - ① Printing method: Direct Print and Input designed label into printer.
 - ② Printing copies: settable
 - ③ Printing direction: forward and reverse.
 - ④ Printer mode: GODEX, ZEBRA, BP545D or SH-24

Note: Please use the way of inputting designed label into printer, if there is lots of parameter to fasten printing. Please use the way of direct printing, if choose ZEBRA printer.

10. Add Text: Press  and enter “%: % length” (the unit of length is mm) or the default length is 10mm.
11. Label lookup: Press  to open the label, and enter the label name or the initial letter of its name on the top right to search.

Input designed label into printer

1. Choose the needed label, and connect to printer.
2. Press  to input designed label into printer.
3. Enter the weighing or counting mode, put the item on the weighing pan and press **Print**.

Chapter 8: Advanced Applications

Expanding Usage

Material system

UserName: 123456

Password: ***** Server IP: 192 168 0 168

| | | | | | | | | | |
|---|---|---|---|---|---|---|------|-----|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| Q | W | E | R | T | Y | U | I | O | P |
| A | S | D | F | G | H | J | K | L | Enter |
| Z | X | C | V | B | N | M | Caps | Del | |

Return

1. Install the Inventory Management software on PC, and run the program.
Default Account: 123456, Password: 123456
Press Tools →Start JDI→Start server→the server starts successfully.
2. System Setting(See Management Stock Service Manual).
3. Network connection (See chapter 5)
4. Press **STOCK** in the JDI main screen, and enter the UserName(123456) , Password(123456), and Server IP. Press **ENTER** to connect.
5. There is message to show the set up status.

System Initialization

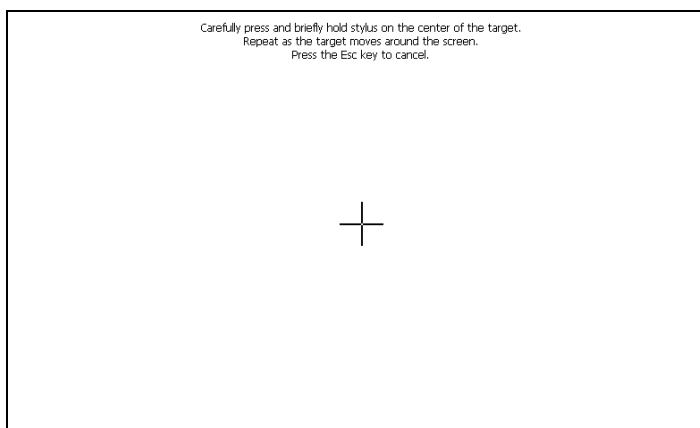
If there is system failure after update, please initial the parameter.
Press and hold key ZERO while powering on the scale. Do not release it unless there is a beep sound which means the initialization is finished.


Note: All the setting parameters including accuracy, capacity and calibration are cleared after initialization.

Touch screen adjustment



1. Under the main screen, press and hold Sleep/Wake key while pressing down ZERO key to start screen calibration. During the procedure, press Sleep/Wake key to wake up the device if it enters the standby mode.



2. The  icon will disappear once the screen calibration is finished:



3. Then press the touch screen to return the main screen.

Error message and troubleshooting

| Error | Description | Solution |
|------------------------------------|---|---|
| Please calibrate | Scale capacity and calibration needed. | Set the capacity of scale and calibrate it. |
| Overspill... ... | Can't enter the weighing or counting mode. | 1.Recalibrate 2.Ensure to empty the weighing pan. |
| Error | Serial number or accumulation function error. | Check if the current SN is larger than the Max. number. |