Operation Manual

PT30

Weighing Indicator

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1. PRECAUTIONS

WARNING

DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, CLEANING, OR SERVICING. FAILURE TO DO SO COULD RESULT IN BODILY HARM OR DAMAGE THE UNIT.

CAUTION

- **Permit only qualified persons to service the instrument**
- **Before connecting or disconnecting any components, remove the power.**
- **Failure to observe these precautions bodily harm or damage to or destruction of the equipment.**

SAFTEY INSTRUCTION

The weighing scale is a precision electronic instrument, handle it carefully.

The device must only be operated by personnel trained in the operation of this equipment.
The operating personnel must read and understand the safety instructions in these operating instructions.
To prevent any accident, only qualified service personnel is authorized to open this device!
Verify the local voltage and receptacle type are correct for the scale.

Only use original adaptor, other could cause damage to the scale.

Pluggable equipment must be installed near an easily accessible socket outlet.
To prevent load cell ,Avoid load the weight exceed the maximum capacity on the platform
To prevent the keys, Do not scratch the keypad with a sharp object

Avoid unstable power sources. Do not use near large users of electricity such as welding equipment or large motors.
Avoid sudden temperature changes, vibration, wind and water.

Avoid heavy RF noise.

Do not install the scale in direct sunlight.

2. PRODUCT DESCRIPTION

2.1 General

The PT30 Series weighing Indicator include full-fledged features, interfaces,it can be developed to meet the Industrial applications.

Major Features

- 7” color display with graphic interface
- Multi-user permission management
- Weighing units conversion (kg/g/lb/oz/t)
- 2 mechanical keyboard
- Counting by sampling or entering unit weight; percentage weighing; tolerance checking
- Accumulation mode with manual accumulation, auto load accumulation and auto unload accumulation
- Up to 9999 PLUs capacity ,supported to display alphanumeric PLU information
- Up to 10 ID for editable
- Reports Management: Daily, Monthly, Product reports,client reports,ID group reports,operator reports.
- Multiple language selection
- Alibi memory storage
- Different methods of communications: RS232/RS422/RS485 , Ethernet, Wi-Fi, USB2.0 Host for Scanner interface
- Data management with backup and restore
- Back office management software could update to the scale with networking
- All options are controlled from menu. No spec list provided and easy to operate.

2.2 Over View

1. 7” TFT LCD display
2. Side door
3. On/off key
4. Cassette Printer
5. Feed key

2.3 Interface

No	Interface	Description
1	RJ45	Support 10M/100M Ethernet
2	USB (Type B)	For printer configuration
3	USB2.0	For USB disk/ scanner /data transfer,don't use for charging other device
4	Load cell connector	For connecting with load cell 1
5	RS-232	For connecting computer / printer /alarm light/ Remote display
6	RJ11	Reserved function
7	Adapter jack	For connecting power supply (24V/4A)
8	Load cell connector	For connecting with load cell 2

3. INSTALLATION

3.1 Unpacking

- Remove the scale from the carton.
- Remove the protective covering. Store the packaging and to use if you need to transport the scale later.
- Inspect the scale for damage.

Make sure all components are included.

1. Indicator
2. Adaptor
3. Manual

3.2 Installation

- Place the Indicator on a table .
- Connect the platform load cell cable in to the indicator load cell connector. Load cell connector is locating back side of the indicator.

3.3 Load cell connections

- Connect the load cell cables to the terminal as shown below.
- It can connect four 350 ohm load cells.
- The load cell drive voltage is 5V DC ±5% between Excitation + and Excitation -.

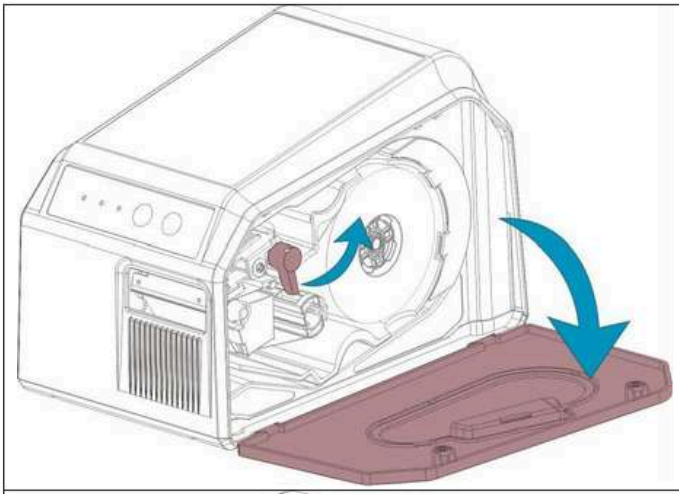
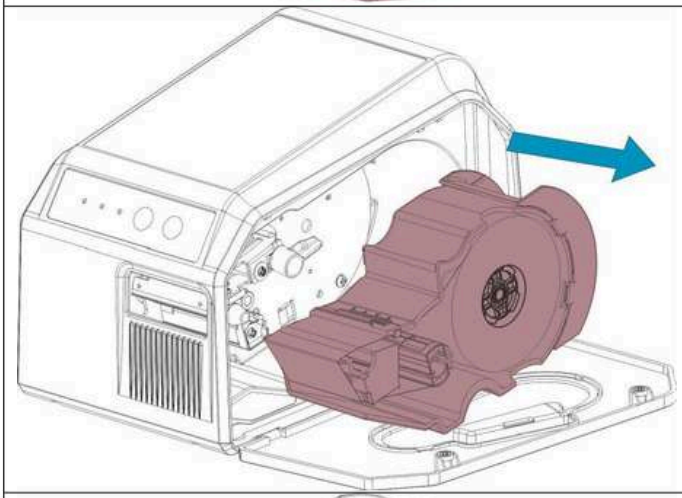
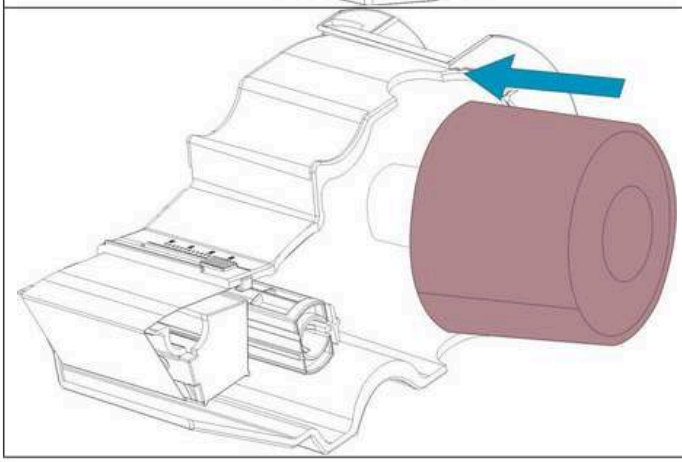
9Pin	Connection
1	Excitation +
2	Sense +
3	Shield
4	Sense -
5	Excitation -
6	NC Signal -
7	Signal +
8	NC
9	

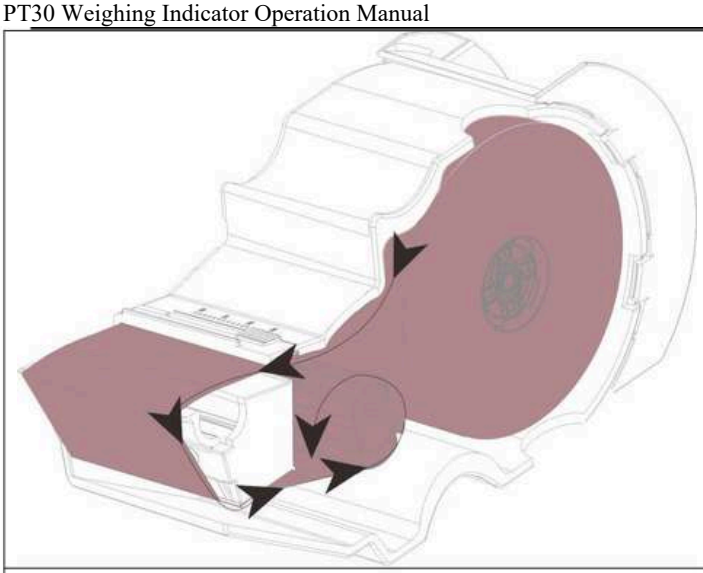
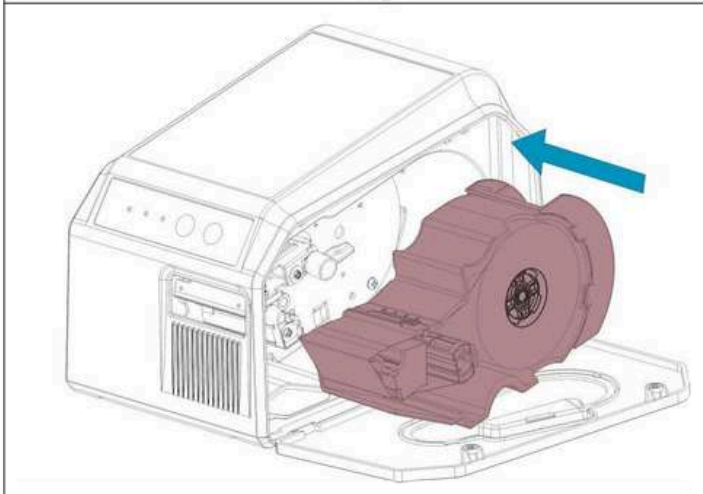
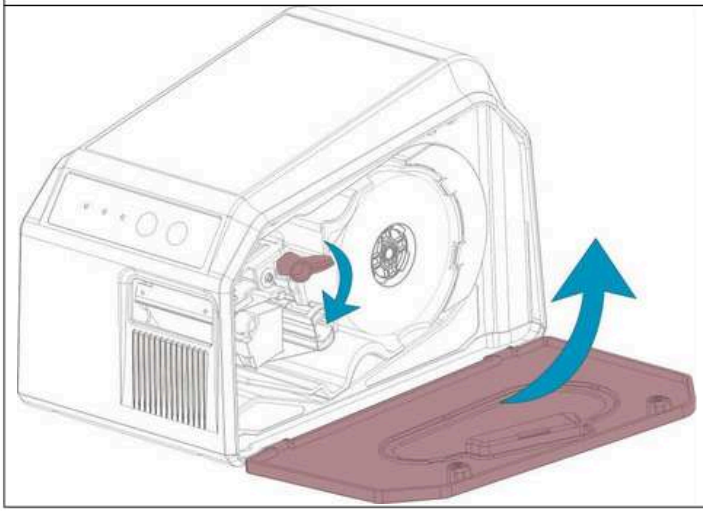
7Pin Connection	
Pin1	Signal -
Pin2	Signal +
Pin3	Shield
Pin4	Exc-
Pin5	Sen-
Pin6	Sen+
Pin7	Exc+

3.4 Power Connection

- Connect the adaptor pin in to the indicator adaptor jack.
- Adaptor jack is locating back side of the indicator.
- Adaptor connects into your AC power socket. Plugable equipment must be installed near an easily accessible socket outlet with a protective ground/ earth contact.

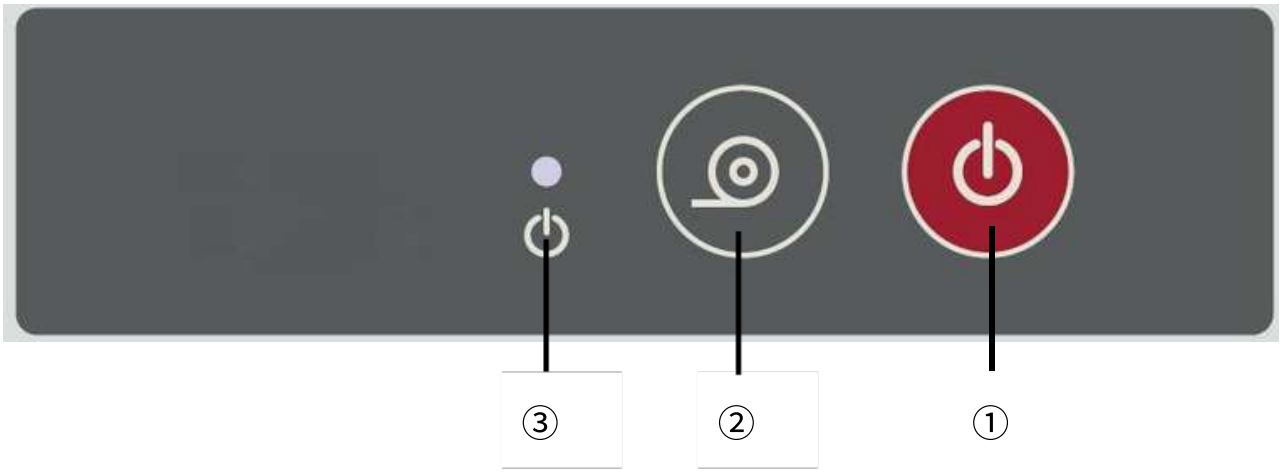
3.5 Label Paper Roll Installation

	①Gripthesidecoverandpullitdownwardsto open , turn the lever to open position.
	◯2 Pull upward cassette and rem ove the cassette.
	③Load a new label roll and create approximately 30cm of liner.

	④ Insert the bottom paper between TPH and platen and reversely stuck into the liner rewind axis. Spin the liner rewind axis clockwise until the paper ribbon winds over it.
	⑤ Insert the cassette to printer housing.
	⑥ Turn the lever to close position, close the printer cover and press the feed key to feed labels out of the printer.

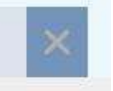
4. DISPLAY&KEYS FUNTION

4.1 Key Board



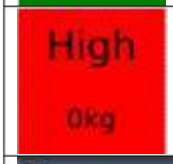
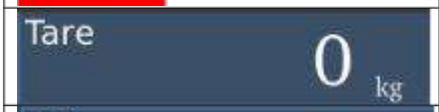
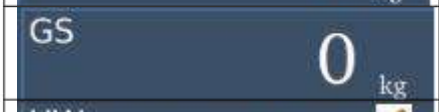
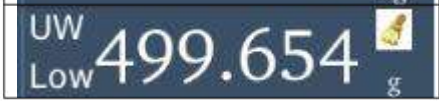
No.	Description
①	Power on Press the key until to hear a beep sound. It will take around 30 seconds for to run the TOS operating system and application software. Power off Press and hold the key to turn off the indicator
②	Press key to feed the label
③	Power indicator

4.2 Indication Description

Keys	Description
	Product/Material group. Touch key to view products list and recall products information
	Client/Customer Touch key to view client list and recall clients information.
	ID 1 ~6, Free Setting ID keys, Touch key to view list and recall information.
	ID Groups Touch key to view ID's list and recall ID's information. **ID keys window up or down**
	**Clear ID** Touch key to clear ID contents
	Record Touch key to check all weighing records.
	Save and Print Touch key to save and print records.
	Gross/Net Touch key to get the Gross / Net weight.

	Sample Touch key to input samples.
	Unit weight Touch key to input unit weight.
	Clear Unit Weight clear key, in counting operation
	Clear the current product ID information
	Feed key,to test printer
	By using x10, you can see high precision
	Menu buttons to bring it back to the main page
	Button the weight button so that the weighing data on the scale can be deducted from its weight within the throwing range.
	Return to zero button, so that the weighing data on the scale can be returned to zero within the range of return to zero.
	I/O Key Quick Switch
	Set Kill-date key, can quickly add kill-date
	The function of printing totals, can print a total label after weighing the last item
	Print times button, set the total print times of an item
Weight/Count	Pressandholdthe“weight”or“count”wordsinthewindow,thenormalweight screen or count screen will be switched to big screen
Note: Each ID text names may vary; it’s depend which has been input	

4.3 Indications

Indications	Description
→0←	when the scale back to zero
→T←	When Tare, by pressing TARE key
	When the scale is in stable.
Max=	Maximum capacity of the scale
min=	Minimum weight of the scale
d=1	Division of the scale
A4.50	Software version
2012/8/12 6:00	Date and time
	Ready for weigh
	Drive In/ Loading
	Stable; Ready for record
	Tare weight window in weighing operation
	Gross weight window in weighing operation
	Unit weight window in counting operation

4.4 On-Screen Keyboard

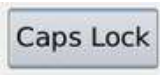
On-Screen Keyboard will be open automatically to edit or input new data,

: Backspace

: When input text, use this key to change line

: Special symbols and numeric keys.

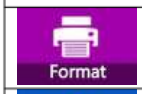
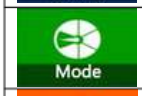
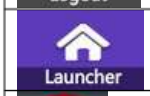
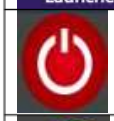
: Close key board

or 

:ShifttoCapitalletter/smallletter.

: Press here to change sign

4.5 Main Menu

Icon	Description
	ID settings
	Print format setting
	Settings
	Mode setting
	Reports Management
	Import and export reports
	Weighing Units setting
	Login /log out
	Launcher
	On/OFF key
	To test Built-in printer,only available for PT30 model

5. OPERATION

5.1 Power On/Off

Power on

Press keyuntiltohearabeepsound.Itwilltakearound30secondsfortoruntheTOSoperating system and application software.

Power off

Press and hold key until to show a Power Off window. Touch option YES to power off or NO to back to use.

5.2 Log in

It allows multiple users to operate the same scale

1 Whenpowerison,itmaybeaskedtoinputtheaccountandpasswordtologin.

2 Selecttheaccountfromthedropdownlist

Entered password by numeric keys and confirmed By clicking log-in key

Note:The account and password should be configured in ID settings, once finished setting,scale will be start to self-checking and then enter to login mode.

5.3 Zero Setting

Zero setting allows to do by pressing

key, only it's possible when the load receptor is not in motion.

5.4Tare

5.4.1 Semi-automatic tare

The indicator is provided with a semi-automatic subtractive tare.

The weight of any container can be tared by pressing

button so that with subsequent weighing the net weight of the object being weighed is always displayed.

TareOperation:

1 Loadweightontheplatform.

2 Press

key.Zeroisdisplayed,andtareissubtracted.

3 Remove weight on the platform. Tared weight is displayed. It can set only one tare value. It will be shown with a minus value.

4 This Tare value can be cleared by pressing

key, when there is no load on the platter. This tare entry cannot take place, if the platter is in in motion.

5.4.2 Automatic tare

The weight of any container can be tared automatically ,to enable automatic tare function, see parameters Menu>operation setting >Auto Multi-Tare >ON

1 Loadacontainerontheplatform,itwillbehearda“beep”sound.
2 ZEROindicatorandTAREindicatorappears.
3 ZeroisdisplayedinNETwindow,thesubtractedvalueappearsinthetarewindow.
4 Loadtheweightinthecontainer,theNETwindowshowsnetvaluewitha “beep”sound.
5 Removeweightfromtheplatform.Taredweightisdisplayed.Itcansetonlyonetarevalue.
6 Removethecontainerfromtheplatform,displayshowzerowith a “beep”sound.

5.4.3Multi-Tare

The weight of any container can be multiple tared ,to enable multi-tare function, see parameters Menu>weighing setting >Tare operation > Multi-Tare Enable

TareOperation:
1 Loadweightontheplatform.

2 Press

key.Zeroisdisplayed,andtareissubtracted.

3 Remove weight on the platform. Tared weight is displayed. It will be shown with a minus value.

4 This Tare value can be cleared by pressing

key, when there is no load on the platter. This tare entry cannot take place, if the platter is in in motion.

5.4.4PresetTare

5.4.4.1 Store Pre-set Tare

Method 1：

①

②

③

1 Hold

key2seconds,displayshow(T1~T9)Tarekeys.

2

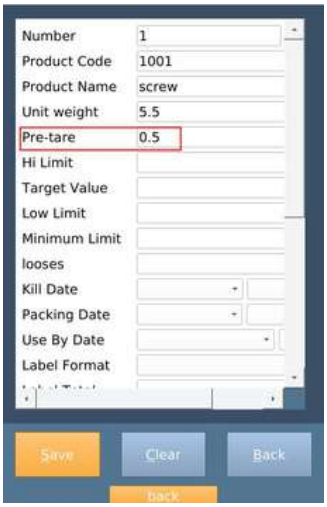
Hold the pre-tare key,entered the tare

Value by numeric keys.

3 Confirmed by pressing [ok] key,the pre-tare value can be stored in memory

Method 2：

The pre-tare value of product can be set
In ID settings,please see ID setting
>Product>pre-tare



5.4.3.2 Recall Pre-tare value

1 Load the weight on platter,display show
Net weight.

2 Hold

key 2 seconds to recall (T1~T9) Pre-tare values.

3 Select the tare value as you need
Tare display show pre-tare value and

4 Place the item on the pan and wait to get weight stable,display show net weight.

5 Remove item from the pan ,the net window show negative value.Press

key to clear tare value.

5.5 Weighing units

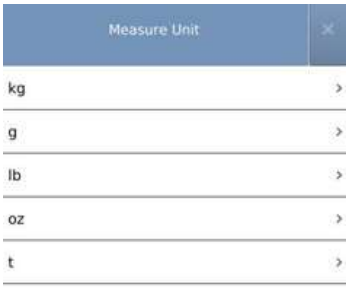
PT30 series has 7 weighing units (kg/g/lb/oz/tj/hj/t),To enable the weighing units, please see parameter MENU>UNIT

1 In normal weighing mode, press

key to enter main menu

2 Press

key to select the weighing units to be used.

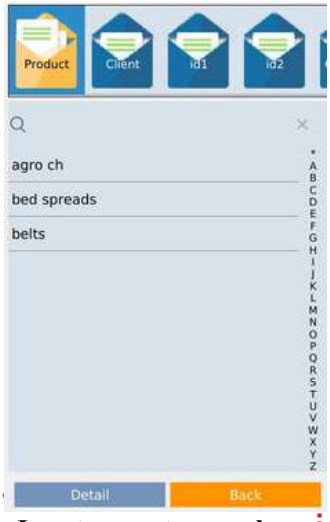


3 Once selected the new weighing units, scale will weighing in new weighing unis

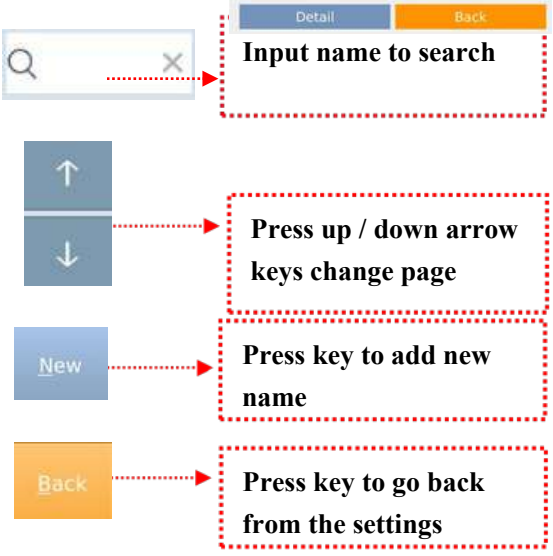
5.6 Weighing Operation

5.6.1 Enter Product ID

Press key to view pre-set product names from the list,



Product list Search:



5.6.2 Enter New Product Name

If want to enter a new product name,

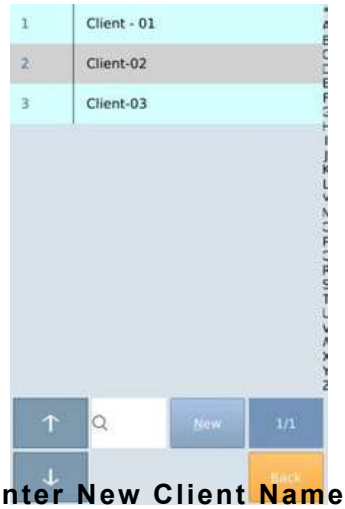
Press product name screen to enter

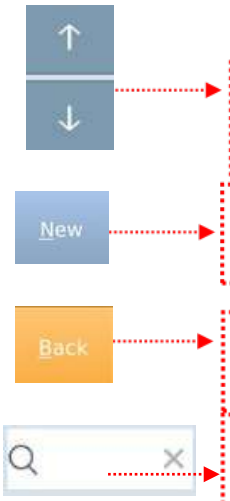
Press here to edit/input new name

5.6.3 Enter Client ID

Press key to select a pre-set company as client,

Client list Search:





Press up / down arrow keys change page

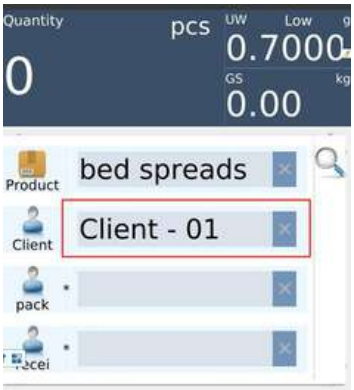
Press key to add new name

Press key to go back from the settings

Input name to search

Enter New Client Name

If want to enter new client name,
Press client name screen to enter



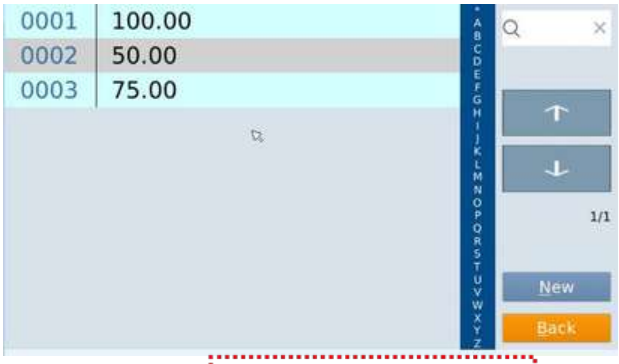
Press here to edit / add new client name

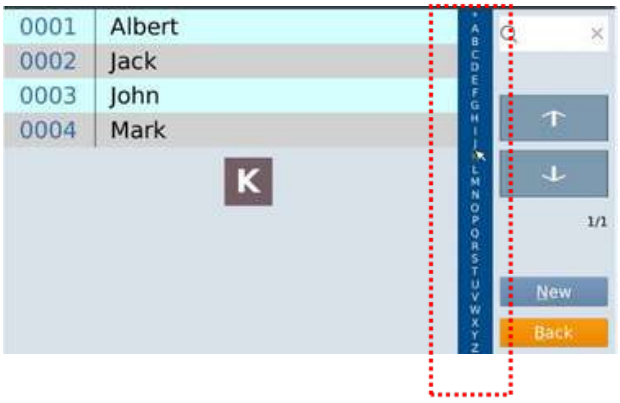
5.6.4. More ID (Free Setting ID's)

For Settings See Operation Setting > ID Settings Once enable all ID from the setting's, it can view from the home display

ID Options Disable for more ID's

ID list Search:





Press alphabetic keys to search list

Input name to search

Press up / down arrow keys change page

Press key to add new name

Press key to go back from the settings

Enter new ID name

If want to enter new name, Press ID screen to enter

5.6.5. Group ID Operation

Group option, to recall particular ID's for weighing.

When it's required to use same particular ID's for weighing, it could save into as a group to recall.
Further no need to select each ID every time for weighing. Just recall from the group, if its saved in the group.

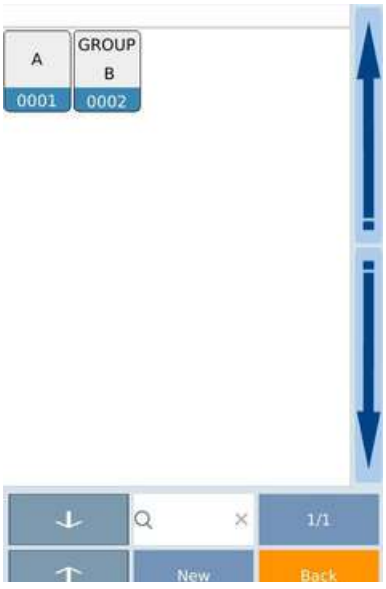
Create a ID Group

Input ID names into all fields

Press and hold key 3 seconds to save as a group.
Window will be open to input & save as a Group.

Input Group name and confirm by pressing OK Key.

It will save into Group ID management to recall and use for an easy operation



5.6.6 Save and Print

When display gets “stable,” press key to confirm and print the ticket.

5.7 Parts Counting

Weigh a sample to calculate the unit weight to determine the average weight of items to count, put a known number of pieces on the scale . The balance of the total weight divided by the number of samples and displays the unit weight.

Note:Before operation scale should be stable and return to zero, sampling available only when weight more than 20d .

5.7.1 Enter Counting Number

- Make sure platter empty and display return to zero.
- Putacontaineronplatterandpress keyifnecessary.
- Place a unknown amount of pieces on the scale.

- Press keytoconfirmwhenscalestable.
- It will be asked to input sample quantity.

- Using numeric keys to input the sample quantity,eg:10
- Confirm by pressing [OK] key.
- The average piece weight of item will be calculated and then the number of items displayed in count window.

Add the rest of items on the platter, weight and number of items will be increased.

Remove the items,the average piece weight will remain stored in memory for the next counting of similar pieces.

□**To execute a new reference operation**, repeat the operations as described .

□Press key to back to normal weighing mode.

Note:The weighing may be amended on the basis of greater numbers of samples improves the accuracy of counting large quantities

5.7.2 To input the known average piece weight of item

□Make sure platter empty and display return to zero.

□Press UW key ,It will be asked to input unit weight.

□Input the average piece weight of item with numeric keys.

Add new items on the platter, weight and number of items will be displayed.

- **To execute a new reference operation** repeat the operations as described .
- Press key to back to normal weighing mode.

5.7.3 Automatic Part Weight Updates

To optimize the calculated average piece weight automatically, add further parts whose number is smaller than that of the first reference determination.

For each reference optimization the average piece weight is newly calculated.

As the additional pieces increase the base for the calculation, the reference also becomes more exact.

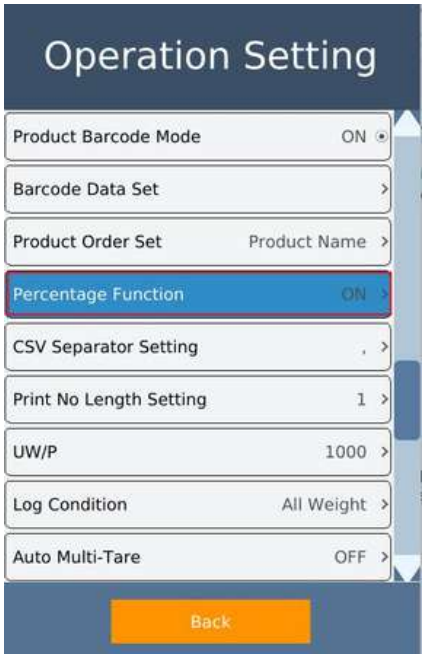
Automatic reference optimization will be deactivated as soon as the number of added parts exceeds the saved reference quantity.

5.8 Percentage Weighing

The scale can set a sample weight to be shown as 100%. Then any other weights place on the scale, it will be displayed as a percentage of the original sample. To enable the percentage function,please enter par am ete r s **Setting> Operation Setting > percentage function> on**

- 0.100 kg weight place on the scale and follow by press the

key is pressed the display will show 100.00%.



- Remove the weight, and ensure display is zero.

- Place 0.19kg weight on the platform, display will be show 30.0 % as per the percentage of 0.64kg (100%).

- Pressandhold

keytobacktonormalweighingmode.
- The weighing may be amended on the basis of greater numbers of samples, improves the accuracy of percentage large quantities.

Note:If the weight is less than 20d,it will pop up a prompt "sample low"

5.9 Accumulation

The scale can be set to accumulate manually by pressing

key.Onlythetotalcountswillbesavedin memory.

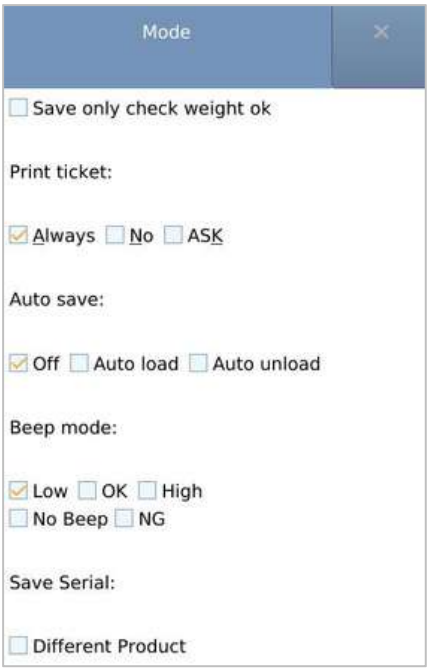
Before operation scale should be stable and return to zero, accumulation available only when weight more than 20d.

In normal weighing mode, press

key to enter main menu；

Click

key to select mode options;



Off Auto saving function turned off

Auto Load: Data will be save while loading and once get stable

Auto Unload Data will be save while unloading goods from the platform

5.9.1 Manual Accumulation

1 Place the load on the platform,the weight display will be show the net weight.

2 Press

key,whenSTABLEindicatoron.

3 It will be heard a beep sound .

4 Remove the weight from the pan.

5 When display get zero and stable then place the second weight.

6 Press

key,whenSTABLEindicatoron.

7 It can continue until the memory gets fully .

5.9.2 Auto Load Accumulation

1 Place the load on the platform,the weight display will be show the net weight.

2 When stable indicator on ,a "beep" sound will be heard,display shows the count and total weight.

3 Remove the item and the scale will return to zero;

4 When display get zero and stable then place the second weight.

5 It can continue until the memory gets fully .

5.9.3 Auto Unload Accumulation

1 Place the load on the platform,the weight display will be show the net weight.

2 When stable indicator on ,a "beep" sound will be heard.

3 Remove the item and the scale will return to zero.

4 Display shows the count and total weight, a beep sound will be heard.

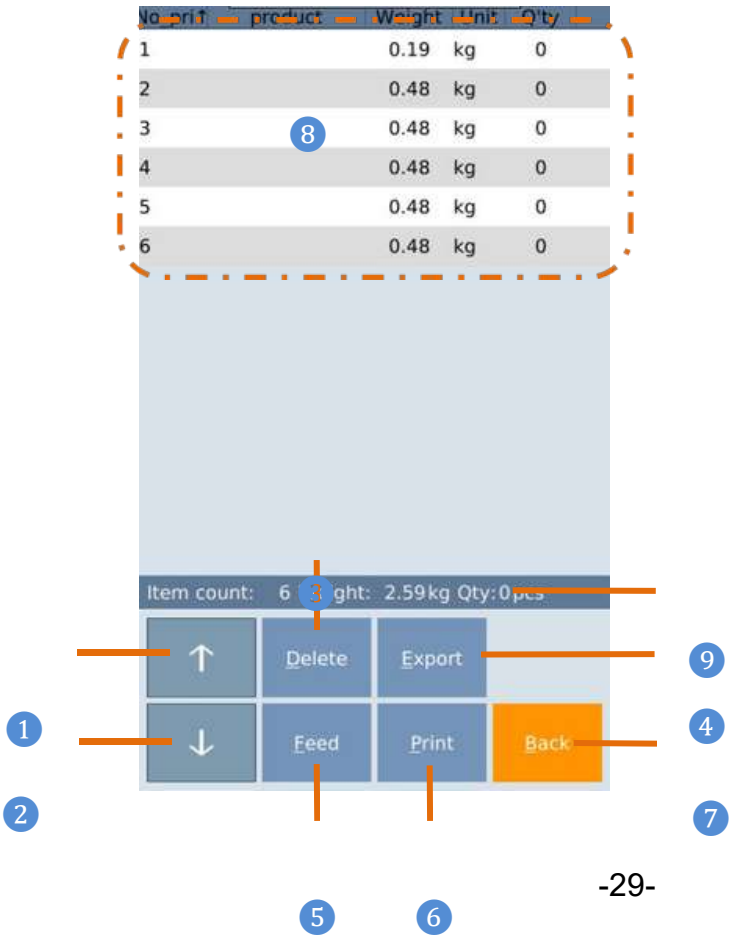
5 When display get zero and stable then place the second weight.

6 It can continue until the memory gets fully .

5.9.4 Accumulation Recall

Press

key to view total record list



1. Press up arrow keys to change page
2. Press down arrow keys to change page
3. Press key to delete records
4. Press key to export records
5. Feed key,N/A for PT30
6. Press key to print records
7. Press key to go back from the settings
8. Click any record data to view Record data Info from the list and print
9. Total area

5.9.5 Export Records

Click

key to export the record lists, it's required to insert U disk into the USB port in advance.

5.9.6 Print Records

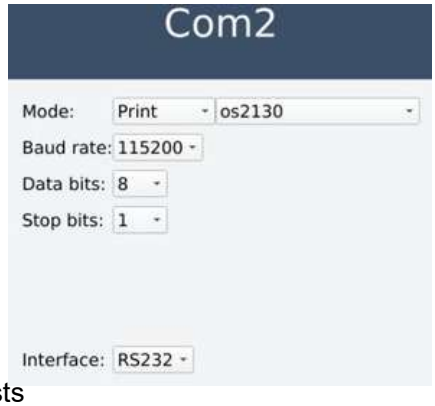
The scale support to print single record and all records

Note: Refer com and Pformat settings to print,

It's required to select Communication > Com and Pformat settings.

Setting > Communication > COM 1 >RG88V ASCII 9600 8 N 1（for receipt printer）

Setting > Communication > COM 2 >OS2130 115200 8 N 1 （for label printer ）



- Click

toPrintallrecordsintotalrecordlists
- When recall total record lists,select one of the records

- Click

key,the selected records can be printed out,only available for label printer

5.9.7 Delete Records

It allows to delete single record and all records

DeleteALLrecords

1 Click key to delete .

2 Select [ALL] to delete all records.

Delete single record

Check the single record to be delete.

1

2 Click keytodelete.

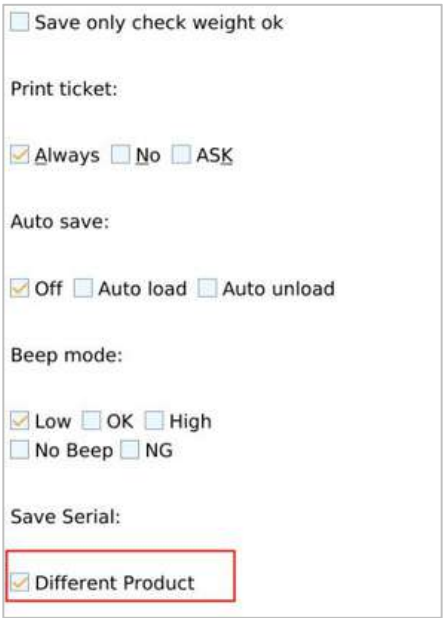
3 Press [YES] to confirm and press [No]to cancel.

Note:When restart the scale,the total record will not be cleared,if wanted to clear the records,please clear the records as per “Delete”steps operation

5.9.8 Accumulation for Same Product

Click

key to select different product



Load weight on the platter

Press total key to recall the accumulation records

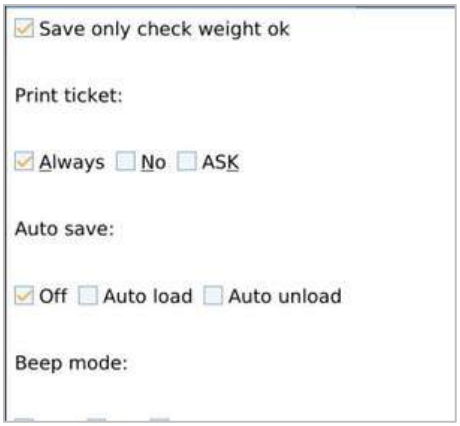
The same product record lists will be displayed

Uncheck different products: Weighing records show record information for all products

5.9.9 Accumulation for product within hi and low limits

Click

keytoselect **save only check weight ok** option,it is required to setup per and lower limits for products,when the weight is between the hi and low limits ,the ok records will be saved.



5.10 Tolerance checking

The weighing scales allow weighing goods according to a target quantity or target weight or target percentage within specified tolerances. With this function one can also check if the weighing good is within a defined tolerance range. Reaching target quantity is indicated by an audio sound (if enabled in menu) and a visual color bar.

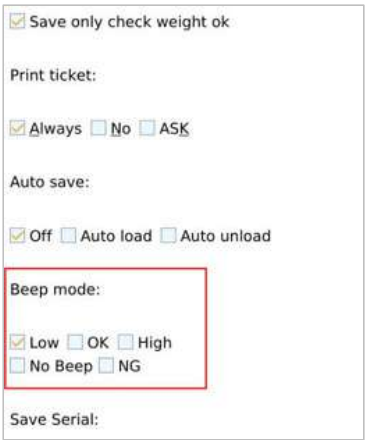
Note: Check weighing or counting available only when weight more than 20d

5.10.1 Beep Mode

The beep sound depends on the settings made in menu block

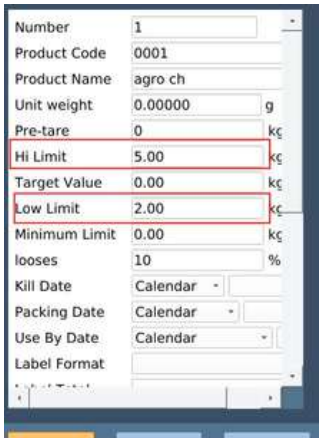
Options:

LOW	Beep sound will active for when it's in Low range settings
OK	Beep sound will active for when it's in the Ok range
HIGH	Beep sound will active for when it's in the High range
NG	Beep sound will active for when it's in the out of the range
Nobeep	BeepsoundwillfunctionturnedOff



5.10.2 Limits setting for target weight

1 Enter limits setting(Hi limit and low limit) in ID settings



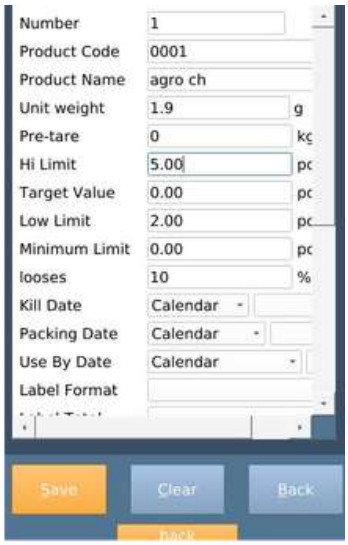
2 Press[SAVE] key to confirm when entered the lower limits with numeric keys.

3 Limits setting completed,Load the weight on platter,the check weighing control will start .

4 To disable the check weighing function,enter zero in both limits.

5.10.3 Limits setting for target quantity

1 Enter limits setting(Hi limit and low limit of quantity) in ID settings, it's required to input Unit weight of product at first.



2 Press[SAVE] key to confirm when entered the lower limits with numeric keys.

3 Limits setting completed,Load the weight on platter,the check counting control will start .

4 To disable the check counting function,enter zero in both limits.

Notes

Checkweighingavailableonlywhenweightmorethan20d
Thefunctionisnotvalidwhenoneentersalowerlimitgreaterthantheupperlimit.
Whenlowerlimitsarethesamewithupperlimits,displayonlyshowsonesetvalue

5.10.5 Tolerance Checking Mode

There are 3 checking modes for tolerance,they are check weighing mode,check counting mod
check percentage mode.

When the weight below the low limits,the backlight color will be orange

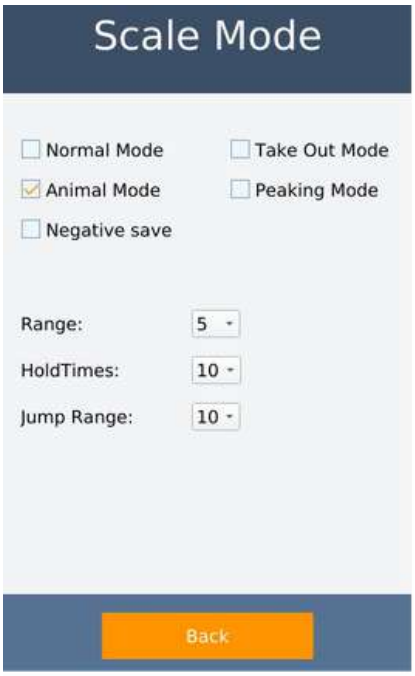
When the weight between the limits,the backlight color will be green

When the weight exceed the high limits,the backlight color will be red

5.11 Animal Weighing

1 Innormalweighingmode,press

keytoentermainmenu, select setting >operation setting > scale mode;



2 Check the animal mode,and select the range and hold times for animal mode from the drop down list.

3 Click [Back] to exit setting mode ,it will be pop up a prompt,press [Yes] to save animal setting. scale will be restart and come to animal weighing mode.

4 TheAnimalindicator willappearintheuppersideofthe weight display.

5 Place item to be weighed on the scale platform. Once the stable indicator appears with a beep sound, the final weight will be shown on the display.

6 The weight will be update when the load weight exceed the floating range and jump range.

7 To disable the animal weighing function, it's required to enter set up menu to change scale mode to NORMAL mode .

5.12 Peak Hold

1 Innormalweighingmode,press

keytoentermainmenu,select setting >operation setting > scale mode;

2 Check the peaking mode,Click [Back] to exit setting mode ,it will be pop up a prompt,press [Yes] to save peaking setting. scale will be restart and come to peaking mode.

3 The Peaking key will appear in the lower side of the screen.

4 Load the weight on the platform,the maximum reading will be hold.

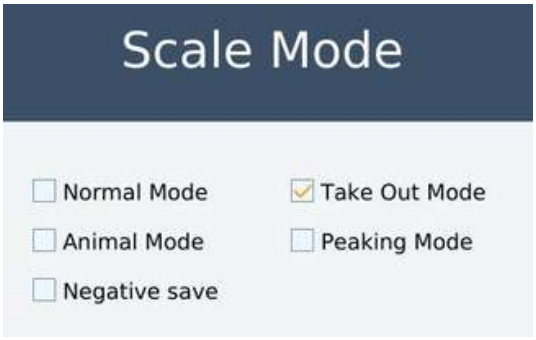
5 Press

key,the weight will be unlock.

5.13 Take out Mode

1 Innormalweighingmode,press

keytoentermain menu,select setting >operation setting > scale mode;



2 Check the take out mode,Click [Back] to exit setting mode ,it will be pop up a prompt,press [Yes] to save take out setting.

3 scale will be restart and come to take out mode.

4 Loadtotalweightontheplatter,press

keytogoweighing

5 When select “AUTO LOAD”mode,Remove the weight one by one,it will be heard “beep” sound and record will be saved

6 Until all weights are removed, the screen prompts "data information to be saved ".

6. SETTINGS

6.1 Enter to setting

- After power on,display show T-TOUCH logo and then enter to normal weighing mode.
- In normal weighing mode,press

key to enter setup menu；

6.2 Menu Block

No	User	Permission
0	Operator	Only weighing and counting,no permission
1 2	Administrator	Access all parameters except Weighing Settings and Calibration. To access weighing settings, it is required to press CAL switch and an admin
3	Technical	Access all parameter's and functions by using " **technician** " username and password.
Note: username and passwords are case sensitive.		

If in approval version, to access to any menu,it's required to press calibration switch,it is loca below the scale.

Menu	SubMenu	Description
Basic Information		
	User Information	Input company address and all, it will be print as header/footer on the receipts Scale ID name
	Scale ID	Decimal Point notation can be define " , " or " . "
	Decimal Point Setting	Set the local gravity value
		To set local date and time
System Setting	Gravity	To choose the language from the available list
	Set Date Format	All System & software information
	Language	Set your new password.
	System Properties	Default password: 000000
	Set password	Reset Member/Weight and BMI/Index Data. *once reset the data, it will not recover back.
	Reset database	System backup to USB disk and restore from the USB disk
	Backup and Recover	
Weighing Setting	Approval Setting	Approval setting mode to Non Approve/OIML/etc.
	Range mode	Setting range mode to Single/Dual Interval/Dual Range
	Calibration unit	Select the calibration unit to Kg/lb/t etc
	Decimal	Select Decimal point
	Capacity	Select Scale max capacity
	Minimum Calibration W eight	Select calibration minimum weight to No Limits / 10% of the scale capacity
	Division	Select scale division
	Power on zero	Auto zero range
	Semi Automatic zero	Manual zero range
	Zero tracking	Select the range of zero to track
	Tare Operation	Multi-Tare operation enable or disable
	Measure Speed	Select the desired Measure speed from the list, to select for

Operation Setting		AD speed.
	Overload Info	to check the error weighing Overload/Under load informations
	IO Function Set	Select I/O operations
	Default Used ID Settings	Change ID text name & logo ,Enable or Disable more ID
	Print List Number Settings	To set the print list number
	Print Total Mode	Select printing ticket of the Total to choose label or receipt
	Second Platform	Turn ON/ OFF Second ScaleON: Indicatorcanoperateremotescaleand willdisplayed indicationtoshowthe platform operation OFF:Second scalefunctionwillbedisable.
	Operator Permission	Select permissions to allow to do by operator
	Custom checkweight color	Set checkweight color
	Tare	Tare operation could be turned ON/OFF.
	Touch Sound	Indicator operation sound could be turned to ON/OFF
	Acc MinWeight	Select accumulation minweight
	Printing Limit settings	To set print and accumulation automatically
	Decimal separator	Decimal separator could be turned ON/OFF.
	Not Stable Printing	When scale not stable,the data could also be print
	Print Times	The label could be printed by inputing print times
	Print Delay Time	Input the delay time for printing
	Price Function	Price Function could be turned ON/OFF.
	Save Function	Save Function could be turned ON/OFF.
	Special Date Time	For printing simple date and time in the print format
	Scale Mode	Normal Mode / Take Out mode/Animal Mode/Peaking Mode
	Print Seconds	For Printing data with seconds
	Menus ON/OFF	Function keys could be turned ON/OFF in the operator display
	BigScreen Menus ON/OFF	The weight display could be set to full screen
	Barcode Mode	assign ID's in barcode function turn on / off
	Barcode Data Set	assign ID's in barcode when the barcode mode is ON
	Product Order Set	Used to sort product search list to product name/product code/product number
	Percentage Function	Used to turn ON percentage. Home screen will show % key for selecting % weighing. By press and hold %key allows to switch back to normal weighing.
	CSV separator Setting	Used to display in csv.file
	Print no Length Setting	Used to choose the serial number printing length 1 ~7
	UW/P	Enter the corresponding unit to convert the PCS value unit. When selecting a single item in the product list, it can be converted to the corresponding input value.
	Log condition	Used to set the storage condition options in the checking and counting states.
	Auto multi-tare	Turn the auto multi-tare function on/off
	Display mode	Set up the display interface to enter in boot state, with small screen and large screen selection. When the display mode is selected as large screen, it will automatically enter the large screen display state after each boot.
	Print Zero	Set the state of the scale to print at zero weight.
	UI select	To select different UI for operator display
	Tare mode	To set tare mode on/off
	Delete data from report	To set delete data from report
	ID disable	To set ID disable function on/off
	Clear PLU	Clear the PLU after unloading the PLU

	Critical value	Set the critical value for check weighing
Calibration	Load Calibration	Scale normal calibration
	UnLoad Calibration	Scale calibration by using unload
	Zero Calibration	Scale zero Calibration
	Linearity Calibration	Scale Linear calibration
	Trim Calibration	Scale calibration by adjusting the value
	Data Corner Trim	To check the last calibration data
	Internal Counts	To check the each corner weight difference
	Com1 Com2 TCP	To check the internal counts,
Communication	remote server setting Data transfer mode Remote scale eth0	RS232 serial port communication settings RS232/422/485 port communication settings To set IP address and port number for TCP remote serve To select data transfer mode
		For connecting the second platform
		Ethernet communication settings
		This function will be enable only once its connected Ethernet port to the PC/device.
	Wlan	Wifi Communication settings
Printer setting	Set print density	0 pale; 1Light; 2 Standard 3 Medium 4Dark
	Set print speed	0 slow 1Normal 2 Fast 3 Very fast
	Print test	Feed label /Print test /query printer status
	Update fireware file	Update printer firmware

7 .CALIBRATION

Contact technical support for calibration information.

Contact technical support for calibration information.

Contact technical support for calibration information.

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