TI-30 User Manual

TI 30 USER MANUAL MAN10072024



K851514 TI 30 INTEGRATOR 30 kg x 0.01 kg or 60 lb X 0.2 lb 888960515143

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General Precautions

Things to Keep in Mind

To get the most accurate reading

Level the scale or make sure it is on an even surface.

Your scale should be used within the stated temperature and humidity limits of 0°+/-~40°C. Avoid lengthy exposure to hot or cold. Let your scale acclimatize to the normal room temperature before use.

Turn the scale on and wait for a few minutes to allow the internal components a chance to stabilize before weighing.

To protect the load cell

Avoid leaving a load or a weight on a scale for a prolonged period of time.

Never overload your scale beyond the maximum weight limit.

To protect the scale

Always use the proper Kilotech adapter.

Do not pull the plug by its cord when unplugging the scale.

Do not spill water on nor immerse the scale.

Do not expose the scale to fire or corrosive gases.

Avoid exposure to other electromagnetic devices. These devices emit RF and can cause unstable readings. If your scale should perform poorly, try moving the scale to a different room or location.

If you get stuck

Check the basic troubleshooting in the back of the manual. **Do not tamper with the scale yourself as it will void the warranty.** Contact your local distributor or Kilotech directly to properly repair your scale. Training videos are available on our website at www.kilotech.com.

Getting Started

How to Turn on the Scale

Find the “ON” button underneath the scale towards the front on the left-hand side.

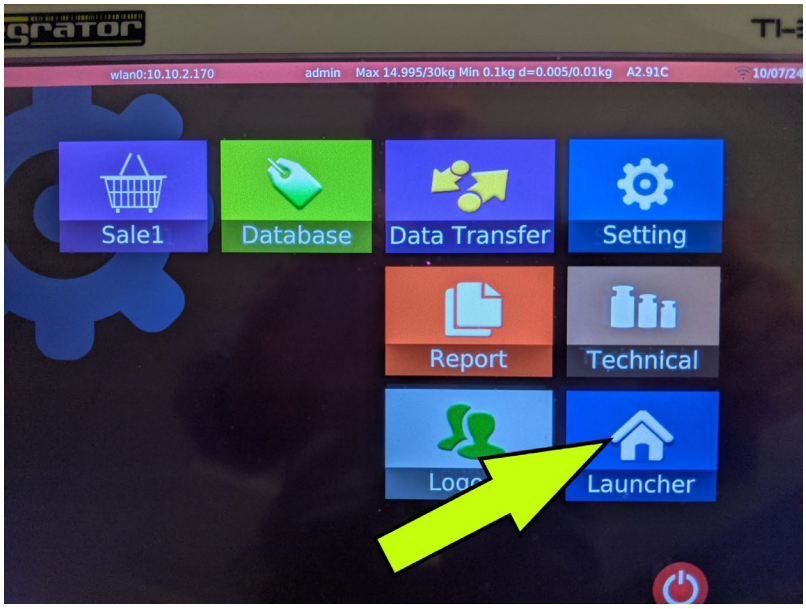


Press and hold the “ON” button for a few seconds.

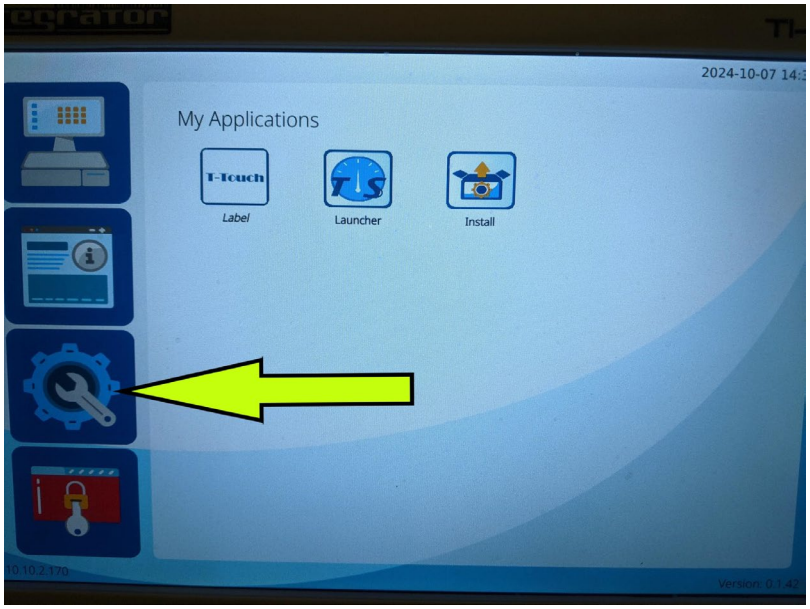
The scale will beep and the interface screen will turn on.

How to Connect to the Network

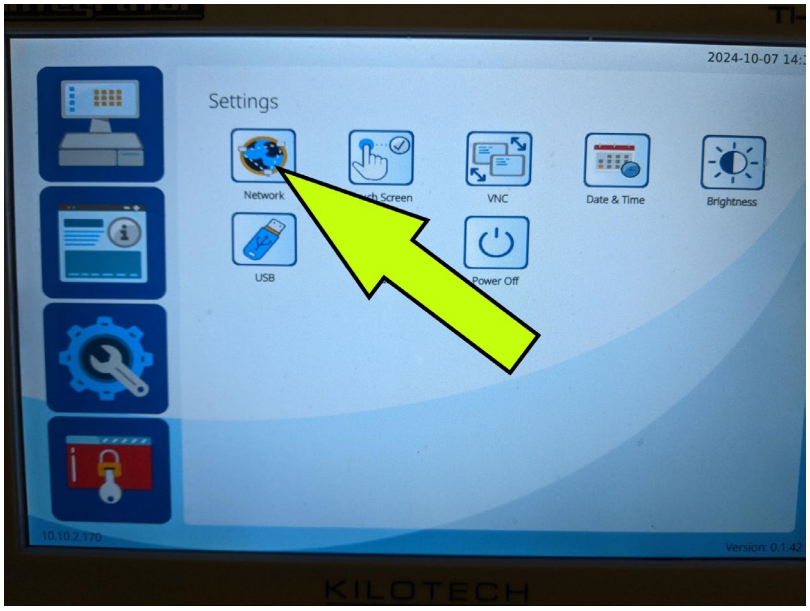
From the main screen, click on “Launcher”.



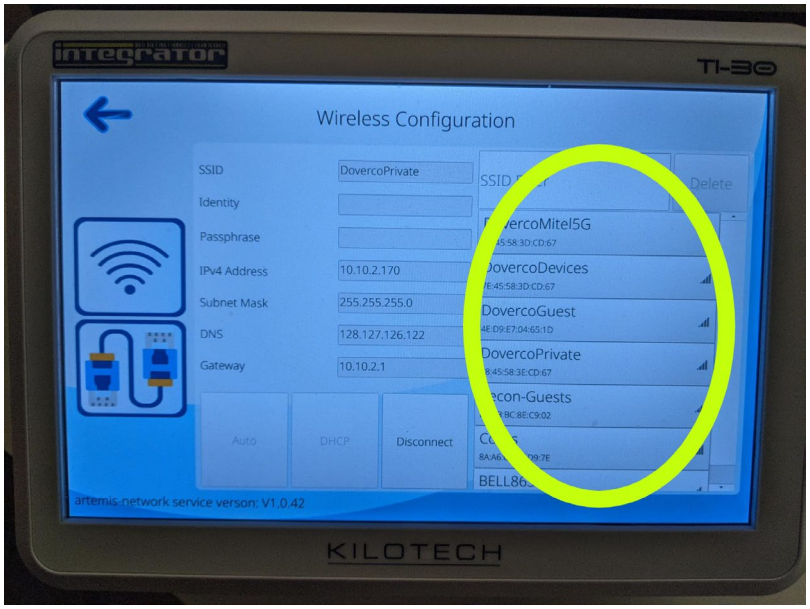
Click on the settings icon.



Click on “Network”.



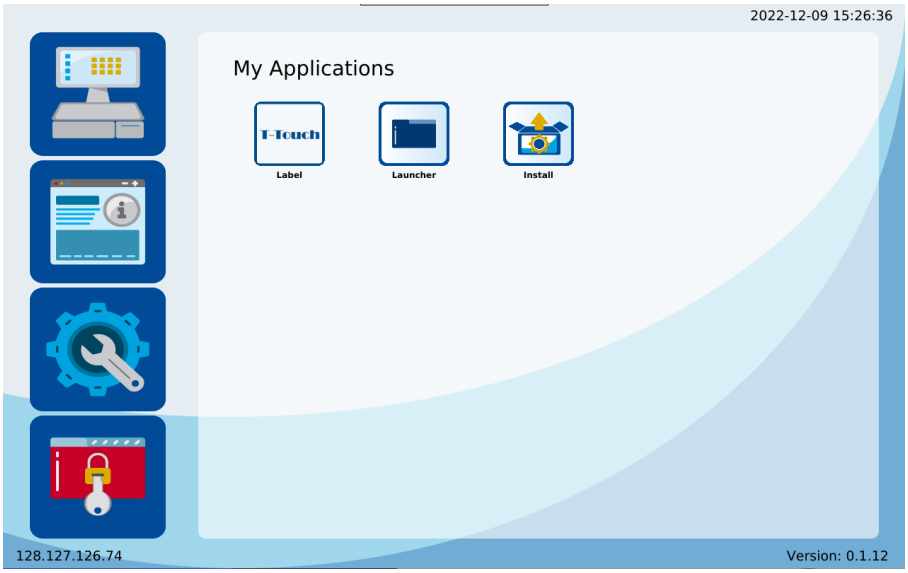
Select the network that you want to connect to.



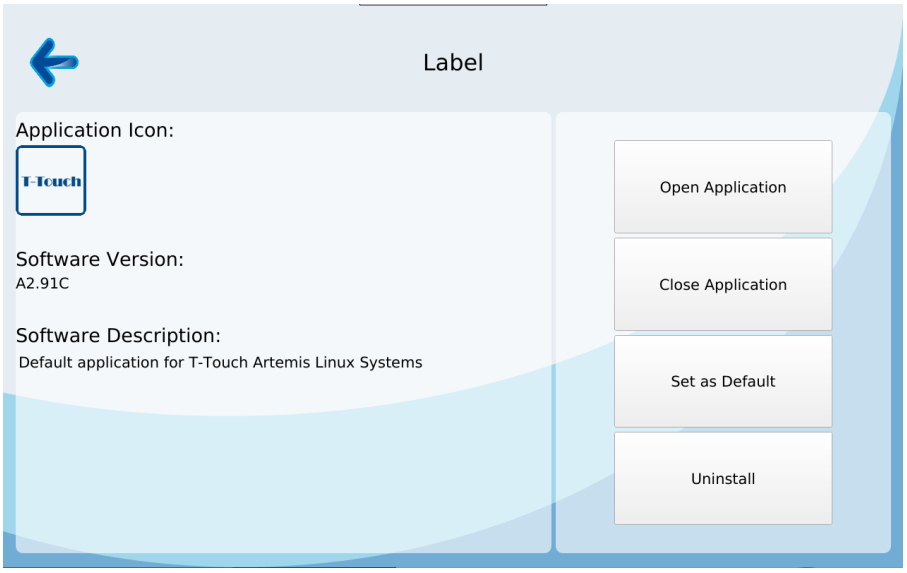
Guided Tour of the Main Screens

How to Access the Main Screen

Click on the “Label” icon in the My Applications window.



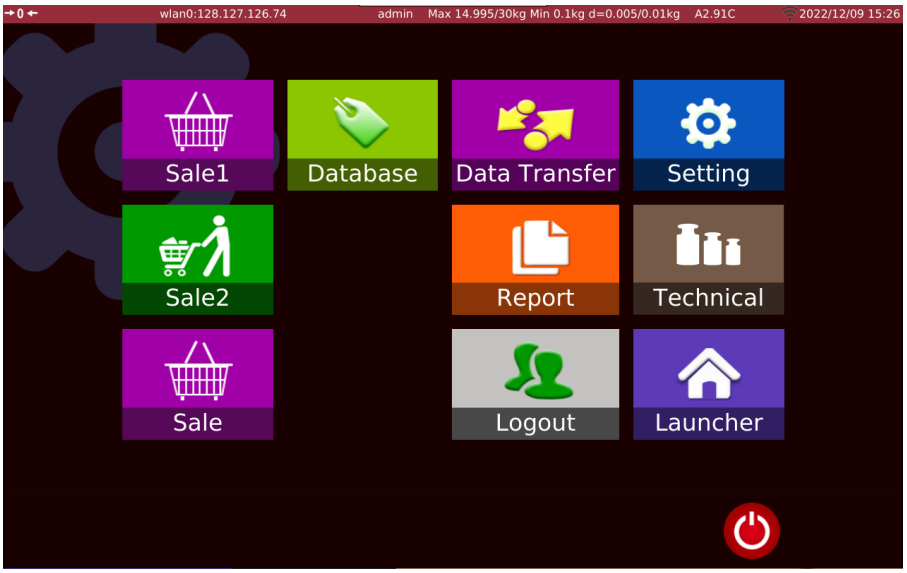
Then click on the “Open Application” icon.

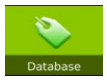
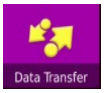
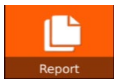
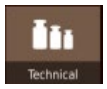
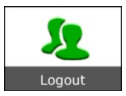


When you are prompted for the login, enter as Admin with the password (ask your dealer for the Admin PASSWORD).

Press “Login” and you will see the following screen

Descriptions of the Icons on the Main Settings Screen



Icons	Name	Description
	Sale1	Sales button. Operation View
	Database Settings	Product, Category, Format
	Data Transfer	To import and export data
	Basic Settings	General Settings
	Sale 2	Use for checkout or custom UI
	Report Button	Check/Print Reports
	Technical Settings	Technical Settings
	Custom UI Button	Enters Custom Operation Page
	Logout Button	Logout from current account
	Zero Button	Return to Zero
	TARE Button	To TARE the weight of the empty container
	Feed Button	Paper Feed/Calibrate Test
	Paper Recycle Switch	Recycle on/off
	Power Button	Power Off
	Print Format	This icon may or may not appear as it is a customized option.

Descriptions of the Icons on the Customer's Display Screen

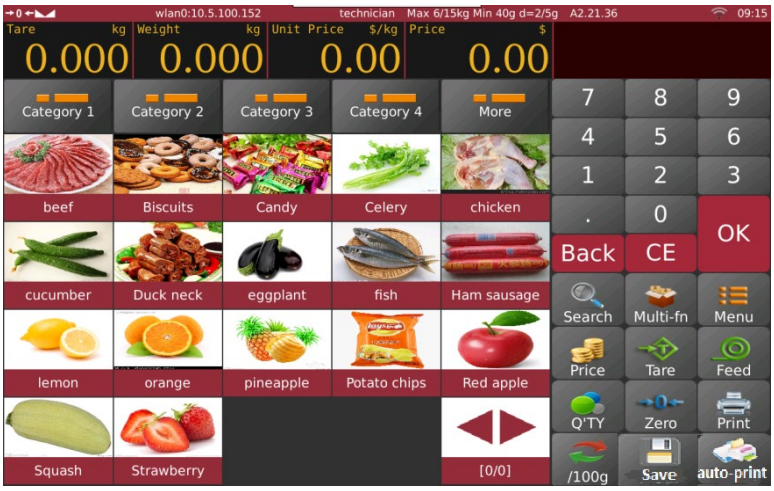




Icons	Description	Description Definition
	**Product**	**Displays the selected product. If no product is selected, no writing will appear in this section.**
	**Tare**	**Displays the product's Tare weight (the weight of the container/vessel).**
	**Total Weight**	**Displays the product's total weight. ** Displayed as Net weight**
	**Unit Price**	**Displays the unit price.**
	**Total Price**	**Displays the total price.**
	**Slogan**	**Displays the slogan**
	Logo	**Displays your Company Logo**

Descriptions of the Icons on the Sales Screen

The Sales screen is where most of the daily operations are performed. The screenshot below is a typical example. Users can customize the display content of the PLU area or functional areas of the Sales screen.


wlan0:10.5.100.152
technician
Max 6/15kg Min 40g d=2/5g
A2.21.36
09:15
Tare kg
Weight kg
Unit Price $/kg
Price $
0.000
0.000
0.00
0.00
Category 1
Category 2
Category 3
Category 4
More
beef
Biscuits
Candy
Celery
chicken
cucumber
Duck neck
eggplant
fish
Ham sausage
lemon
orange
pineapple
Potato chips
Red apple
Squash
Strawberry
[0/0]
7
8
9
4
5
6
1
2
3
.
0
OK
Back
CE
Search
Multi-fn
Menu
Price
Tare
Feed
Q'TY
Zero
Print
/100g
Save
auto-print

Icons	Name	Description
→0←	Zero	Indicates that the scale has no load on its platter. The icon disappears when you place a load on the scale.
	Stable	Indicates that the scale is stable. If the scale is not stable, it will not appear. Make sure the platter is on correctly and the table is secure.
Technician or Admin.	Displays Current User Status	Displays the operator: Technician or Administrator.
Max 30kg Min 200g d=10g	Capacity	Indicates the capacity, division and minimum weight. Max 15/30 kg Min 100g e=5/10g.
A2.21.36	Software Version	Displays the version of your software.
2017-02-07 15:27	Date & Time	Displays the date & time.
Save	Save	Keeps the PLU information on the current screen.
Stab.P	Stable Printing	Prints when the weight is stable.
Tare lb 0.00	TARE Display	Displays the TARE weight value. If displaying in kg, then this will appear as 0.000.
Weight lb 0.00	Weight Display	Displays the Weight value. If displaying in kg, then this will appear as 0.000. ** Displays as Net weight
Unit Price $/lb 10.70	Price Display	Displays the Unit Price. If displaying in kg, then this will appear as $/kg.
Price 0.00	Total Display	Displays the Total price.
00005 Banana	Product Display	Displays the current product name and PLU.
	PLU Keys	Displays the PLU name & number or PLU picture and name.
	Group Key	Categorizes the products into different groups.

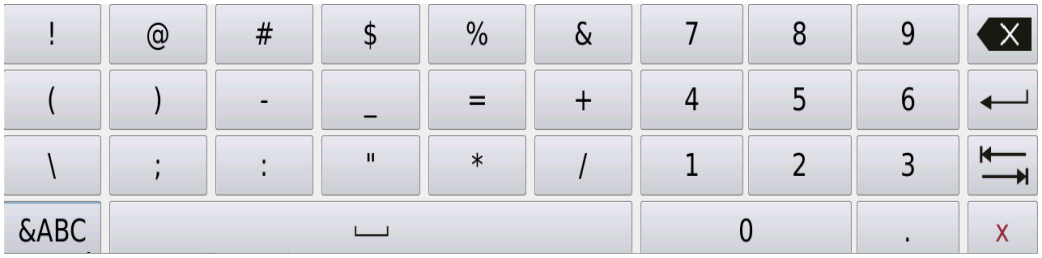
Description of the Built-in Keypad

The built-in keypad appears when you are typing in or editing a PLU. To begin, press the "Edit" button on the right-hand side of the screen. Then select the field that you would like to complete. When finished editing, press "Confirm".

Standard QWERTY Keyboard:



Special Symbols Keyboard:



How to Operate the Scale

How to Look Up a Product

The screenshots below may look a little different if you or your Authorized Distributor have customized your display screen.

Press the 

key to access the Sales screen.

Your Sales Screen will look like the following:



Products can be looked up Directly from the Sales screen or Indirectly using the Search feature.

How to Look Up the PLU Directly

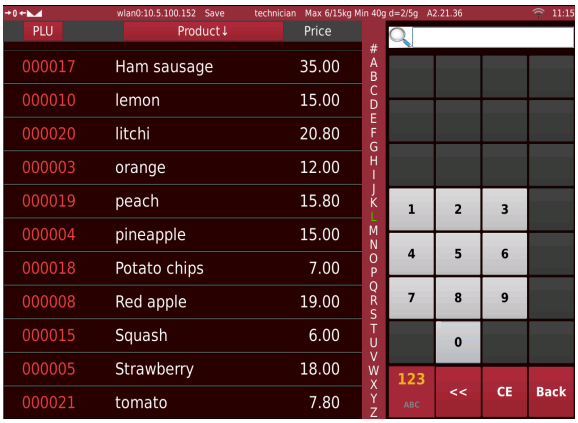
Select the PLU by touching the icon for the PLU on the Sales screen. Use a group key 

to select the different product groups or categories.

How to Look Up the PLU Indirectly using Search

Press the 

key to enter the product look-up page.



You can now search for the product either by the PLU number, or by entering the PLU name. When completed, either press the PLU or the "Back" button to return to the Sales screen.

How to Zero and Tare the Scale

How to Zero the Scale

To Zero the scale, press the 

key. To use this function, you must ensure there is nothing sitting on the scale's platter.

How to Tare the Scale

Step 1: Load the weight onto the platter and the press the 

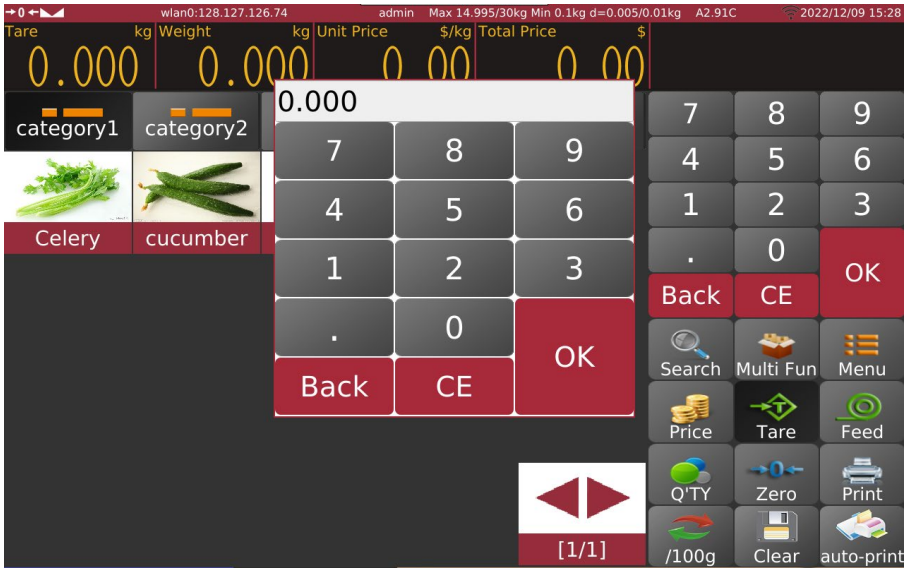
key. The net weight reading will appear as zero, and the TARE weight will appear in the "TARE display".

Step 2: Remove the weight from the platter. The TARE weight is now displayed in the Net weight display with the TARE weight subtracted. You can only set one TARE value at a time. It will be shown with a minus value. This TARE value can be cleared by pressing the "Tare" key, when there is no load on the platter.

How to Set a "Preset Tare" value

Use this setting when you are using a container of known weight. Press the 

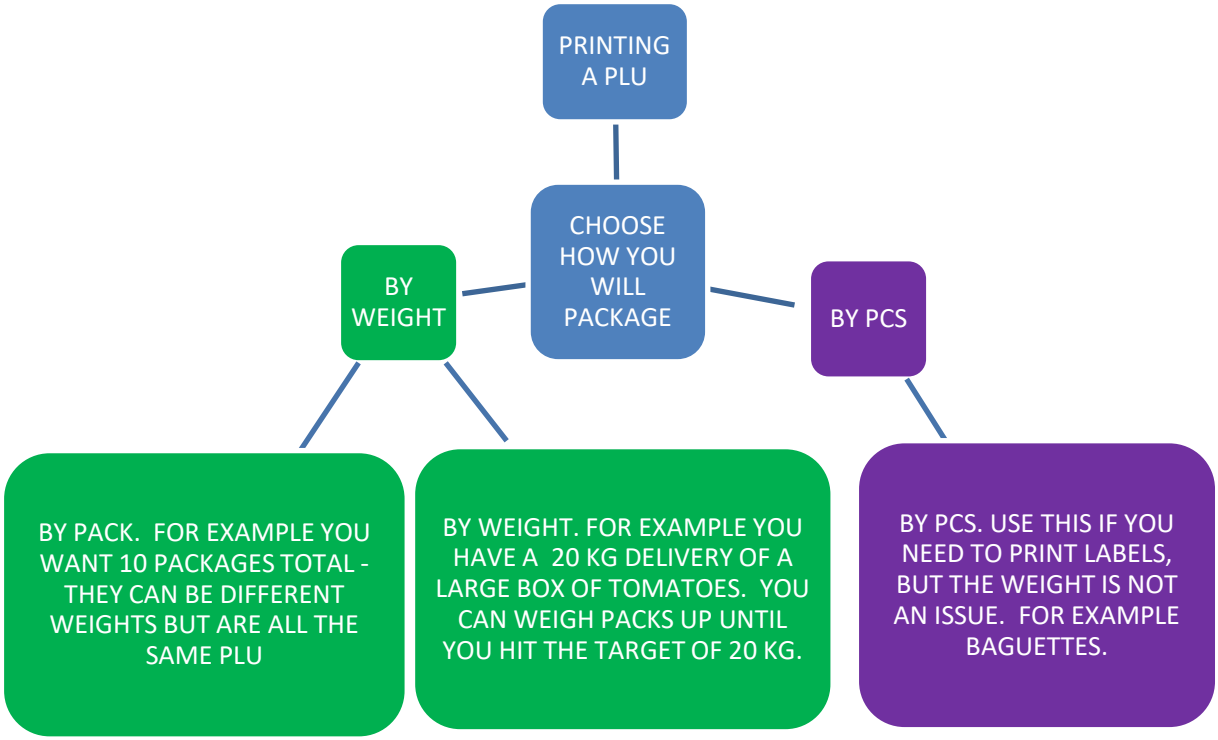
key and hold the key until the "Preset TARE" window pops up. Input the TARE value. Press "OK". The TARE value is now stored as per the input.



How to Print Labels for the Products by Weight and Pieces

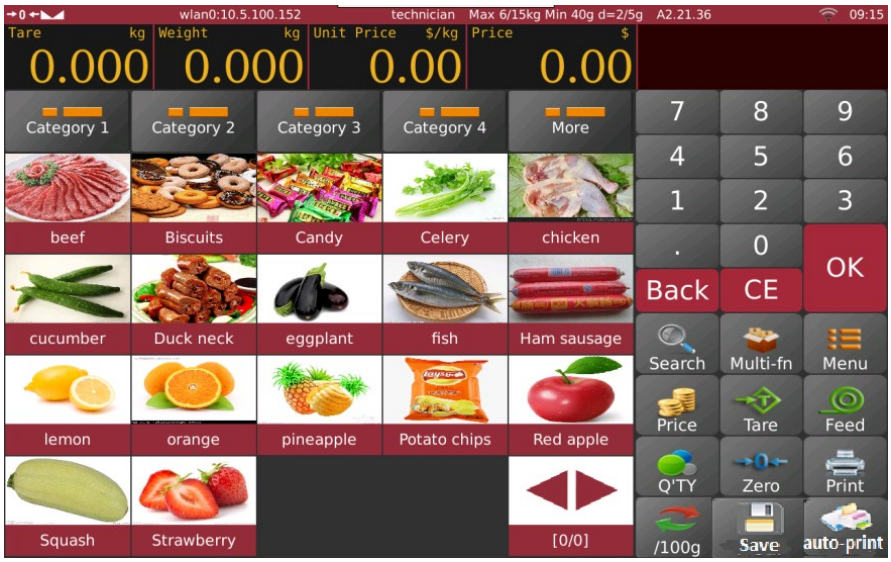
How to Print a PLU

There are different ways of printing a PLU depending on how the product is packaged. The simple flowchart below demonstrates the different scenarios depending on whether the product is sold by weight or by pieces.



How to Print a PLU by Weight

- Select the PLU from the direct PLU list or the Indirect PLU list.



- The selected product name and number will then be displayed in the top right-hand corner of your screen. Place the item on the platter and wait for the weight to stabilize.
- Press the 

key to print out a label.
- Remove the item from the platter. Your scale is now ready for the next operation.

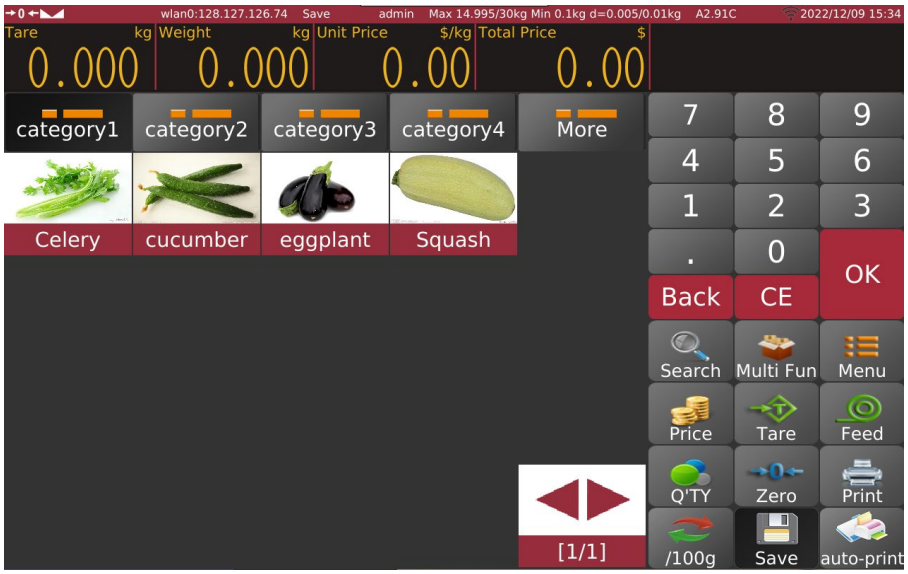
Note: Press the 

key to clear the current product name and price. Alternatively, select a new PLU key to clear the existing PLU name and price automatically.

How to Print a PLU by Pieces (i.e., items not sold by weight)

This can be used for printing labels on items sold as "PCS" (pieces) or "Q'TY" (quantity) – like loaves of bread or buns.

- Select the non-weighed PLU from the direct PLU list or the Indirect PLU list.



- The selected product name and number with the default number of items will then be displayed in the top right-hand corner of your screen.
- Press the 

key. Enter the required PCS (pieces) value.
- Press the 

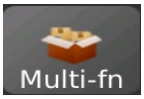
key to print out a label.
- Press the 

key to clear the existing PLU name and price automatically.

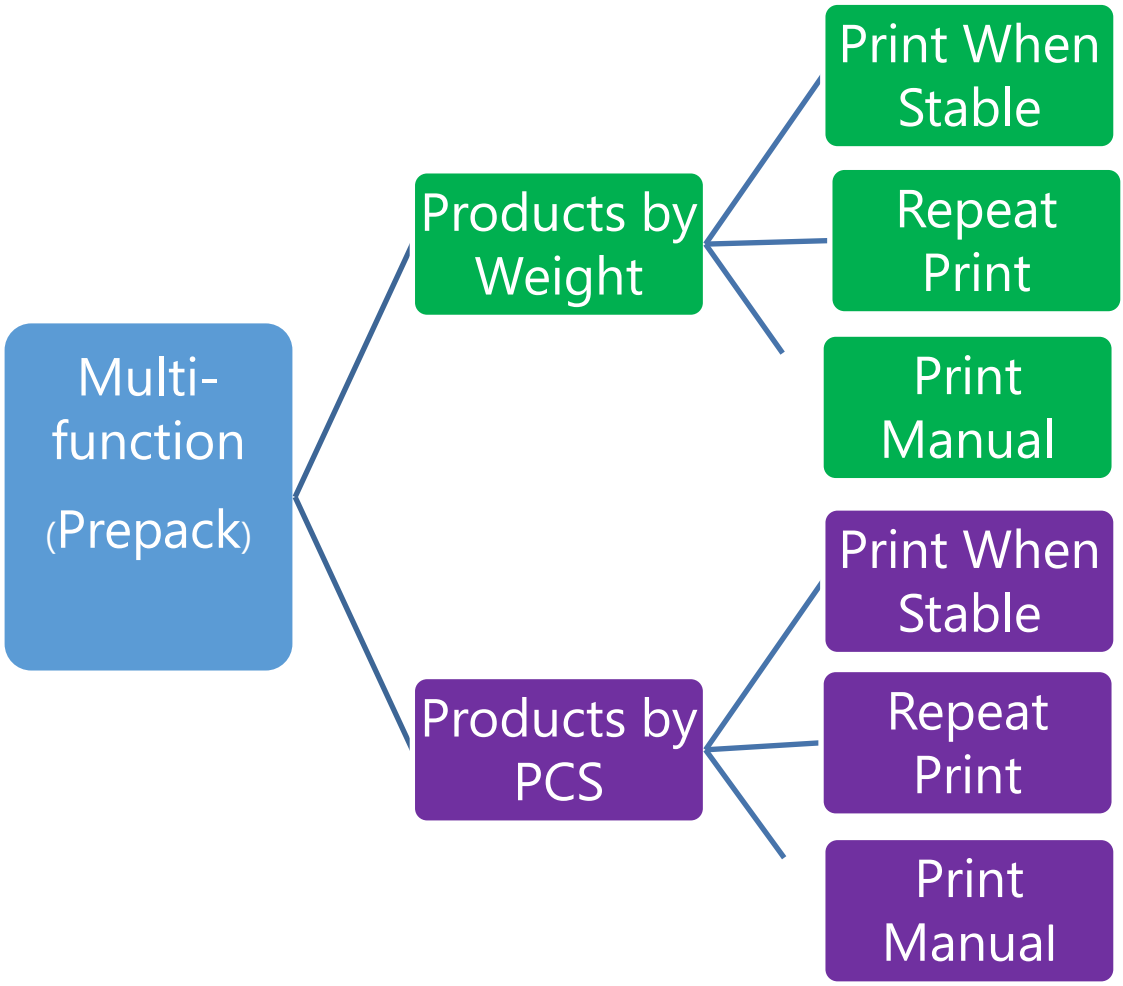
Note: Press the 

key to clear the current product name and price. Alternatively, select a new PLU key to clear the existing PLU name and price automatically.

How to Print Labels for Pre-Packaged Products

As with printing a PLU, there are different ways of printing a PLU for pre-packaged items depending on how the product is packaged. The simple flowchart below demonstrates the different scenarios depending on whether the product is sold by weight or by pieces, using the 

Key.



How to "Print When Stable" by Weight and by Pieces

- Place an item on the platter. When the scale shows it is stable, the scale will print a label.
- Remove the item.
- The scale will print a label each time you place a new item on the platter.
- You do not need to press the "Print" key each time.
- If you are working with products that weigh by PCS, the scale will print the labels automatically.

How to "Repeat Print" by Weight and by Pieces

- Set a target amount.
- Print the same label repeatedly until the target amount is reached

How to "Print Manual" by Weight and by Pieces

- Manually press the print key for each label that you want to print

How to Set up Targets for Products Sold by Weight

Target Setting for Products by Weight	Select the PLU
	Press "Save" key
	Press "Multi-Fn" key
	Press the "Target" window and enter the quantity of packages or enter the total weight in kg or lb that you want.
	Press "OK"
	Select the Printing Mode that you require – Stable, Repeat or Manual
	Put the product on the platter and press the "Print" icon key (note: if you selected the Stable or Repeat mode, then press the print icon key only once).
	Press "Print Total" to get a report of the totals
	Press "Multi-Fn" key again to exit this process

How to Set up Targets for Products Sold by Pieces

Target Setting for Products by Pieces	Select the PLU
	Input the quantity in the pop-up screen
	Press "Save" key
	Press "Multi-Fn" key
	Press the "Target" window and enter the quantity of packages or pieces that you want.
	Press "OK"
	Select the Printing Mode that you require – Stable, Repeat or Manual
	Press the "Print" icon key (note: if you selected the Stable or Repeat mode, then press the print icon key only once).
	Press "Print Total" to get a report of the totals
	Press "Multi-Fn" key again to exit this process

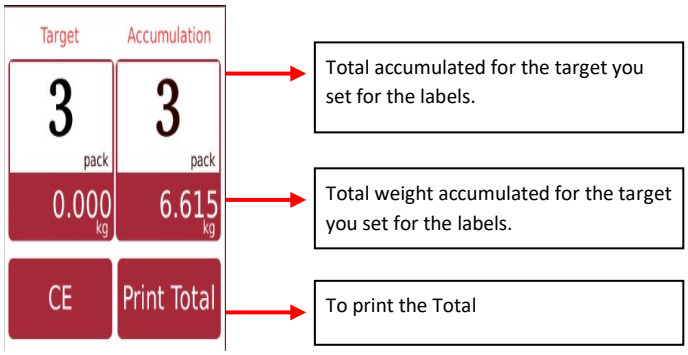
Practical Example for Setting "Targets" and "Accumulation"

Below is a practical example of the different ways labels can be printed for prepackaged tomatoes using the "Target" and "Accumulation" screens.

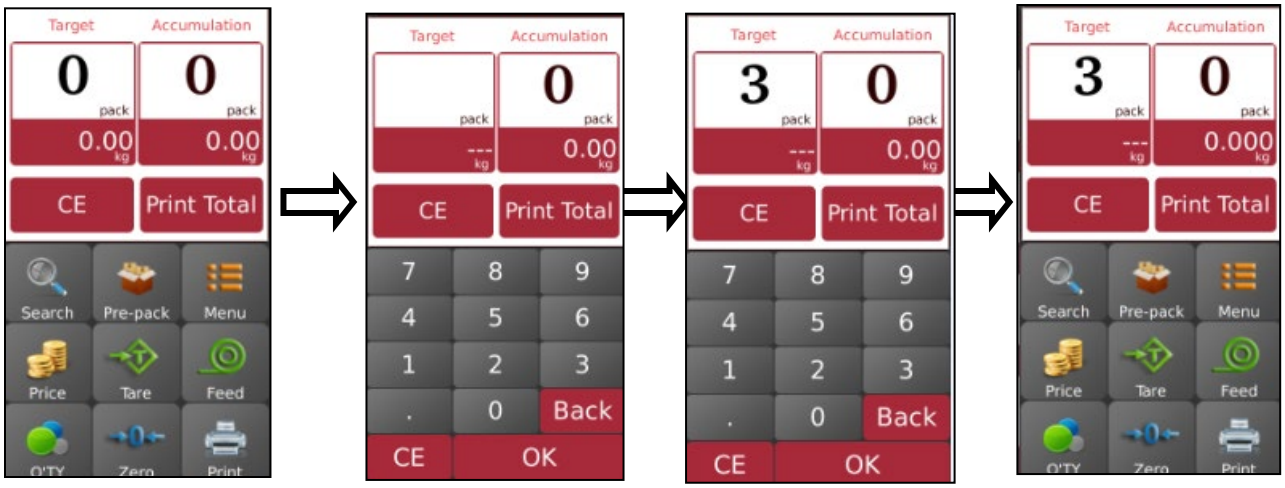


The first screen (i.e., "Target") is used **when you know how many packs you want to weigh**. For instance, you have three packs of two tomatoes each that you would like to pack and label. You would set the target to three. When you have weighed three sets, the accumulation will show three and you will have the total weight of all three packages.





Begin by inputting the number of labels you need.

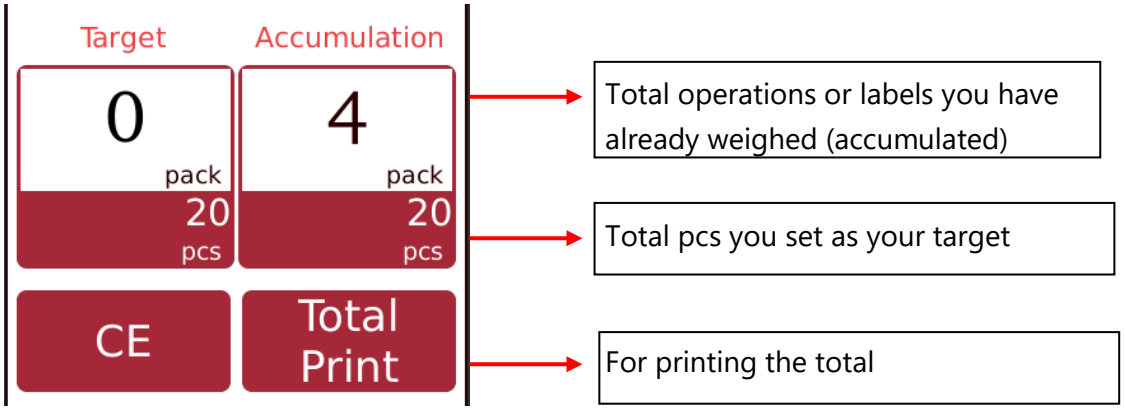


Click on the target window

Input the number of labels you will need, in the Target box.

Click OK

The screen shots below show you how to create labels for **items that are weighed by pieces and require labels.** For example, if you want to weigh and label loaves of bread and require labels for twenty loaves, you would set the total PCS to 20 and after each weighing, you would see the accumulation number increase.



In the example below, the target number of pieces was set to 3 packs. Notice the total kg in the red section of "Accumulation" changes as the number of pieces accumulates from 1 pack to 3 packs as it matches the target.





Note: Pressing the CE key will clear the current product name and price, as will selecting a new PLU.

After the operation is completed, press Save to clear existing PLU name and price automatically.

How to Create your PLU Database

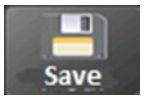
The Database settings screen can only be accessed from the Main Menu screen. To get to the Main Menu screen, click on the Menu button.

From the Main Menu screen, click on the Database icon to enter the product setup pages.

To exit product setup once everything is complete, use the key to return to the Main Menu screen.

Descriptions of the Database Function Keys

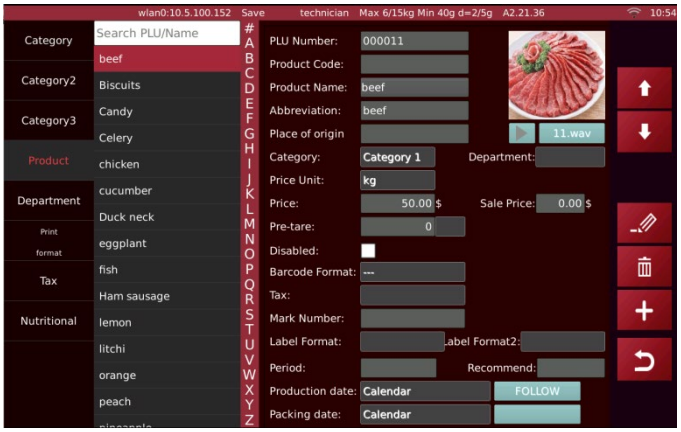
Function keys – located on the right-hand side of the Database setup screen		**Description**
	Arrow keys	Navigate up & down
	Edit key	Edit the product information

	Delete key	Delete a product
	Add key	Add a new product
	Return key	Return to main page
	Save key	Save product information
	Select product: edit products ID	Product list
	Select type: edit products ID	Products listed under a main category
	Preset	Set a department name/description
	Preset	Set printing formats
	Preset	Set tax values
	Select type: editing product ID	Products under subsequent categories
	Select type, editing products ID	Products under subsequent categories
		Populate the nutritional information

How to Create a Product

In the Database section, press the 

key to enter into the Product setting menu.



Press the  key to add a new product name.

Press the  key to save the current data.

Press the  key to return to the main page without saving.

Note: To use the default category operation, it is still mandatory to add the category ID first and then follow the steps to add the product names.

Description of Required Product setup Information

No.	Item	Description
1	PLU number	The PLU Number will generate automatically or you have the option to enter your own 5-digit numeric characters 00001~99999
2	Product code	13 Digits numeric characters; Barcode EAN 13
3	Product name	Enter the name of the PLU. 1000 alphanumeric characters
4	Abbreviation	Enter the short name of the PLU. 20 alphanumeric characters
5	Place of origin	Enter the name of the place of origin

6	Category	Choose the category name from the drop-down list
7	Department	Choose the department name from the drop-down list
8	Price unit	Choose the weighing unit from the drop-down list (kg, 100g, pcs)
9	PCS	Select the quantity/non weighing item
10	Price	Enter the Unit Price of the PLU. 0~999999
11	Sale price	Enter the Unit Price of the PLU. 0~999999
12	Pre-TARE	Enter the pre-TARE value
13	Tax	Tax is used to set the applicable taxes for the province/state
14	Label format	Choose the label format from the drop-down list for the PLU
15	Second Printing Format	Select the print format of the item from the list The first format is for the PLU label. The second format is for the Nutritional Facts label
16	Trace schema	Select for traceability
17	Shelf number	Enter the shelf number for the products. Enter a 3-digit numeric character from 001~999
18	Temperature	For storage information; 24 digits alphanumeric keys
19	Days to EXP	Best before Product expiration date (by number of days)
20	Use by	Best before Durability period (by number of days)
21	Disabled	Disable the PLU from the search list
22	Barcode format	Select from the list. You would need to populate the list
23	Ingredient	For ingredient info; 1500 alphanumeric characters

24	Nutrition	For nutrition info; 1500 alphanumeric characters (Note there is a nutritional facts chart to fill in further down)
25	Produced	Enter the data of where the product is produced and company name of production company; 1500 alphanumeric characters
26	Remark 1	For any remarks; 1500 alphanumeric characters
27	Remark 2	For any remarks; alphanumeric characters
28	Remark 3	For any remarks; alphanumeric characters
29	Remark 4	For any remarks; alphanumeric characters
30	Remark 5	For any remarks; alphanumeric characters
31	Remark 6	For any remarks; alphanumeric characters
32	Remark 7	For any remarks; alphanumeric characters
33	Remark 8	For any remarks; alphanumeric characters
34	Play	For audio files; .wav formats
35	Product picture	For Product pictures; .png formats
36	Nutritional	Nutritional Components of Additive Products

Press the  key to edit the product information.

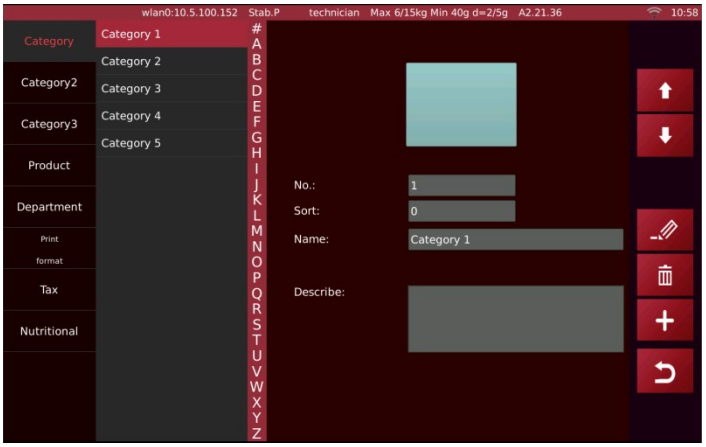
Press the  key to save the edits.

Press the  key to delete the product information. This will delete the entire PLU.

How to Create a Category

In the Database section, press the 

key to enter into the Category setting menu.



The category classifies the commodities (PLU's). For example, you can enter a serial number from 1~2999; then in Category 2, serial numbers can be from 3000~5999; and in Category 3, serial numbers can be from >=6000.

To begin, press the Commodity Category. Then select the appropriate Category where you would like to enter your data ex. Category2 or Category3.

Press the  key to add a new main category.

Press the  key to save the data.

Press the  key to return to the main menu.

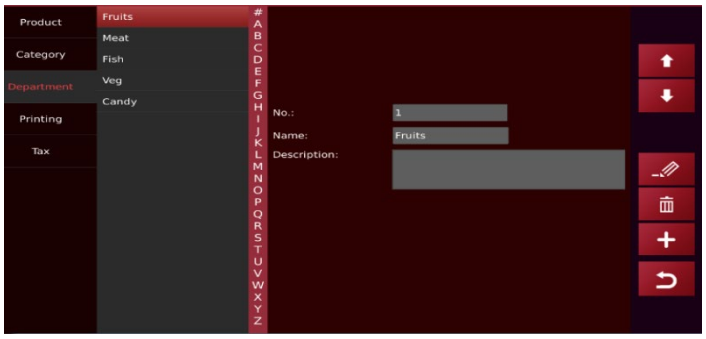
Press the  key to edit the Commodity category information.

Press the  key to delete the Commodity category information.

How to Create a Department

In the Database section, press the 

key to enter into the Department setting menu.



The serial numbers for the department can range from 0001 ~ 9999.

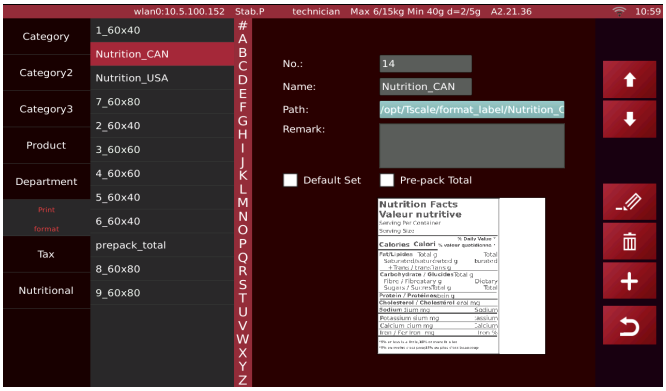
Press the  key to add the new department name.

Press the  key to save the data.

Press the  key to return to the main menu.

Press the  key to edit the department information.

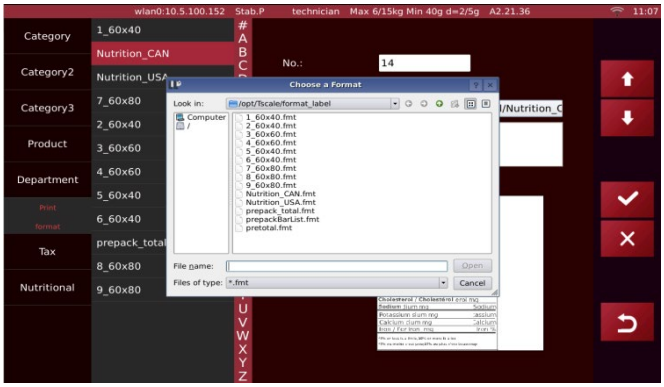
Press the  key to delete the department information.



How to Set Up the Print Format

In the Database section, press the 

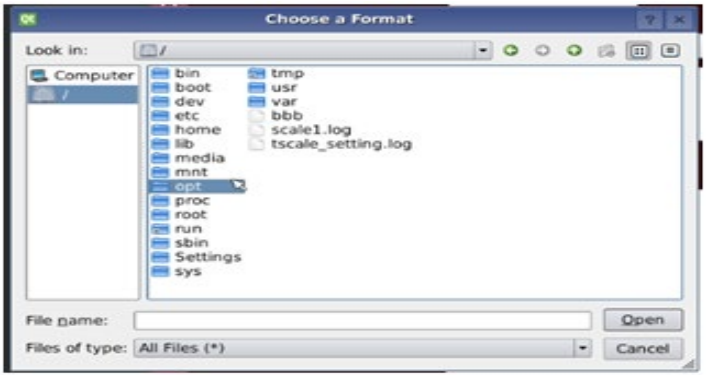
key to enter into the Printing setting menu.



Press  to add a new print format and then input a new print format name.

Press the path on your computer Windows. A pop-up window will appear. Note that this is an operating system function on your computer.

Select and press the required print format. The display will show the print format. Select your default settings.



Press the  key to save the print format.

Press the  key to return to the previous menu.

How to Import and Export Data

Data can easily be imported to and exported from the scale. To begin, access the Main Menu screen and press the 

icon.

A window for Exporting and Importing Data will pop up automatically.

Descriptions of the Data Transfer Function Keys

Icon	Name	Instruction
	Select all	Select all the item on this page
	Import/ export	Import/export data
	Return	Return to main menu

How to Import your Data into the Scale Software

Insert your USB memory stick into the USB2.0 interface.

Press “Import Data”.

This will then import the data from your “scale_data” file to the scale.



How to Export your Data from the Scale Software

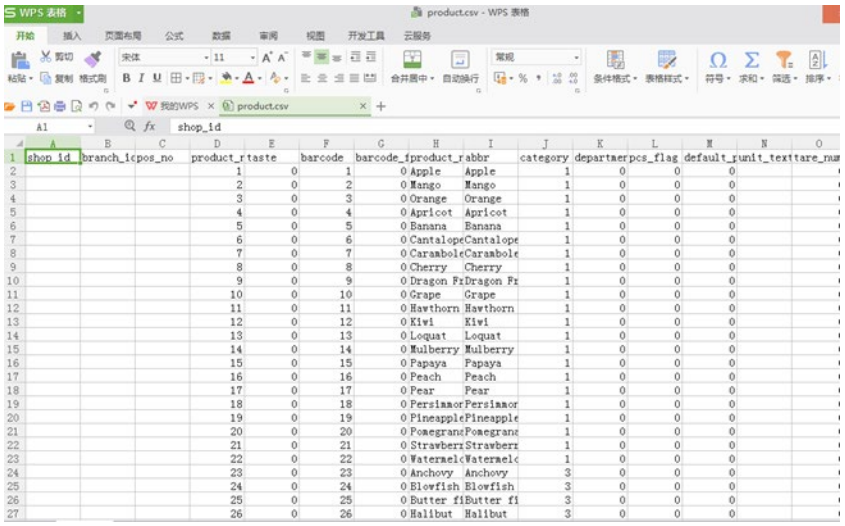
Insert your USB memory stick into the USB2.0 interface.

Press “Export Data”.

This will then export the data to your “scale_data” file from the scale.

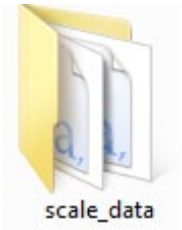


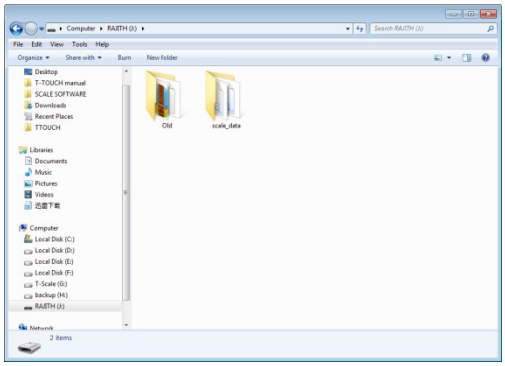
Example of a Typical Product Information File



How to Store your Data on your Computer

The files containing the data that is imported to or exported from is saved on your computer. For demonstration purposes, the photos below show that the files are saved in the U drive. You may choose to save your files in a different drive. Regardless of where the files are saved, the file name is "scale_data".





Descriptions of the Sub-folders in the "scale-data" File

Name	Date modified	Type	Size
audio_product	14/10/2015 1:56 PM	File folder	
format_label	25/11/2015 11:20 ...	File folder	
format_receipt	25/11/2015 11:20 ...	File folder	
image_category	25/11/2015 11:20 ...	File folder	
image_product	25/11/2015 11:20 ...	File folder	
media	25/11/2015 11:20 ...	File folder	
translation	25/11/2015 11:20 ...	File folder	
bar_report.csv	19/11/2015 10:31 ...	Microsoft Excel C...	1 KB
barcode.csv	25/11/2015 11:20 ...	Microsoft Excel C...	0 KB
category_a.csv	25/11/2015 11:20 ...	Microsoft Excel C...	0 KB
category_b.csv	25/11/2015 11:20 ...	Microsoft Excel C...	0 KB
category_c.csv	25/11/2015 11:20 ...	Microsoft Excel C...	0 KB
department.csv	25/11/2015 11:20 ...	Microsoft Excel C...	1 KB
keys_key.csv	25/11/2015 11:20 ...	Microsoft Excel C...	17 KB
keys_keypage.csv	25/11/2015 11:20 ...	Microsoft Excel C...	1 KB
operator.csv	25/11/2015 11:20 ...	Microsoft Excel C...	1 KB
print_format.csv	25/11/2015 11:20 ...	Microsoft Excel C...	1 KB
product.csv	25/11/2015 11:20 ...	Microsoft Excel C...	9 KB
tax.csv	25/11/2015 11:20 ...	Microsoft Excel C...	0 KB

"image_product" Folder

format: "png"

resolution: 150x150 ~ 300x300

size: 50kb ~ 100kb

name: alphanumeric

Note: If you are using a high-resolution photo, it will influence the operating speed of the scale. The useable memory will also be reduced and thus will influence the total amount of PLUs you can populate in the scale. The scale's memory is RAM 2GB Flash 8GB.

"image_category" Folder

format: "png"

resolution: 150x150 ~ 300x300

size: 50kb ~ 100kb

name: alphanumeric

"format_label" Folder

Format suffix is .fmt

Logo suffix is .bmp

File names only support numbers and characters.

"media" Folder

This is what is displayed on the customer 10" front display.

Image:

format: "png"

max resolution: 1280x800

size: 50kb or more

name: alphanumeric

Video:

format: "mp4"

dimension: approximate to 640x400

size: We recommend using simple videos, so as not to drain the total memory of the scale.

This is what is displayed on the customer 7" front display.

Image:

format: “png”

max resolution: 800x480

size: 50kb or more

name: alphanumeric

Note: the 7” display does not support video.

“Translation” Folder

This is a system file that cannot be edited or imported.

“audio_product” Folder

Audio files are supported in certain models.

format: “wav”

bit rate: approximate to 1411kbps.

size: 50kb or more

name: alphanumeric.

“format_receipt” Folder

Receipt format is only supported in the certain models.

Format file suffix is .fmt

Logo file suffix is .bmp

File names only support numbers and characters.

Note: The “media” file only supports the 10 inch or 7-inch customer display screens.

 **Warning: Using high-resolution pictures slows down the operating speed of the scale. They also use up more memory space which reduces the total amount of PLUs that can be populated.**

How to Set Up the CSV File

The table below outlines all the fields that can be formatted in the CSV file format. Any field with a “#” symbol is reserved for notes and not for inputting data.

“product.csv” Product List and Descriptions

1) Shop ID	The shop ID the product will be applied to.

2) Branch ID	The branch ID the product will be applied to.
3) POS No	Scale number.
4) Product number	Product numbers arranged chronologically. Automatically generates a 6-digit product number.
5) Taste/Flavor	Reserved function.
6) Barcode/Product Code	Product barcode.
7) Barcode_format/Label format number	Barcode format.
8) Product_name	Product name.
9) Abbr/ Product name abb	Abbreviated product name.
10) Category	Product category；displays as a serial number in the chart.
11) Department	Product department；displays as a serial number in the chart.
12) Pcs_flag	Sell goods by quantity；(0:No, 1:Yes) input 0 or 1
13) Default_pcs	Reserved function;default: 0
14) Unit_text	Reserved function.
15) TARE_number	Reserved function;default: 0
16) TARE	Input pre-TARE value.
17) P_TARE_unit	Unit for the pre-TARE value.
18) Stock	Reserved function;default: 0
19) Stock_low	Reserved function;default: 0

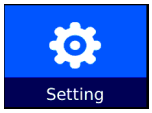
20) Stock_top	Reserved function;default: 0
21) FCL_ratio	Reserved function;default: 0
22) Score_type	Reserved function;default: 0
23) Score_ratio	Reserved function;default: 0
24) Exchange_score	Reserved function;default: 0
25) Price_low	Reserved function;default: 0
26) Price	Product unit Price.
27) Price_ vip1	Reserved function;default: 0
28) Price_vip2	Reserved function;default: 0
29) Price_vip3	Reserved function;default: 0
30) Group_qty	Reserved function;default: 0
31) Group_price	Reserved function;default: 0
32) Price unit	(0:kg, 1:100g) input 0 or 1
33) Change prices	Reserved function;default: 0
34) Discount	Reserved function;default: 0
35) Tax_num	Product tax.
36) Ingredient	Product ingredient.
37) Period	Product period.
38) Recommend	Product recommended date.
39) Label format	Label format number in the list.

40) Trace	Reserved function;default: 0
41) Image	Product image; folder name:**image_product**, all images should be named(xxxxx.png) & image name should be the same as the PLU number.
42) Area	Production area.
43) Temp_index	Storage temperature: Reserved function; default: 0
44) Temp_text	Product storage temperature: For example: below 20 degrees
45) remark 1	Input remark information.
46) remark 2	Input remark information.
47) Audio	Product audio file.folder name:**audio_product**,all files should be named as (xxxxx.wav)
48) Disabled	To disable the product；(0:no，1:yes) ,input 0 or 1
49) mark number	Reserved function.
50) etag_id	etag id
51）nutritional	Input nutritional information.
52）produced	Reserved function; default: 0
53）remark3	Input remark information.
54）remark4	Input remark information.
55）remark5	Input remark information.

56）remark6	Input remark information.
57）remark7	Input remark information.
58）remark8	Input remark information.

How to Change Settings and Parameters

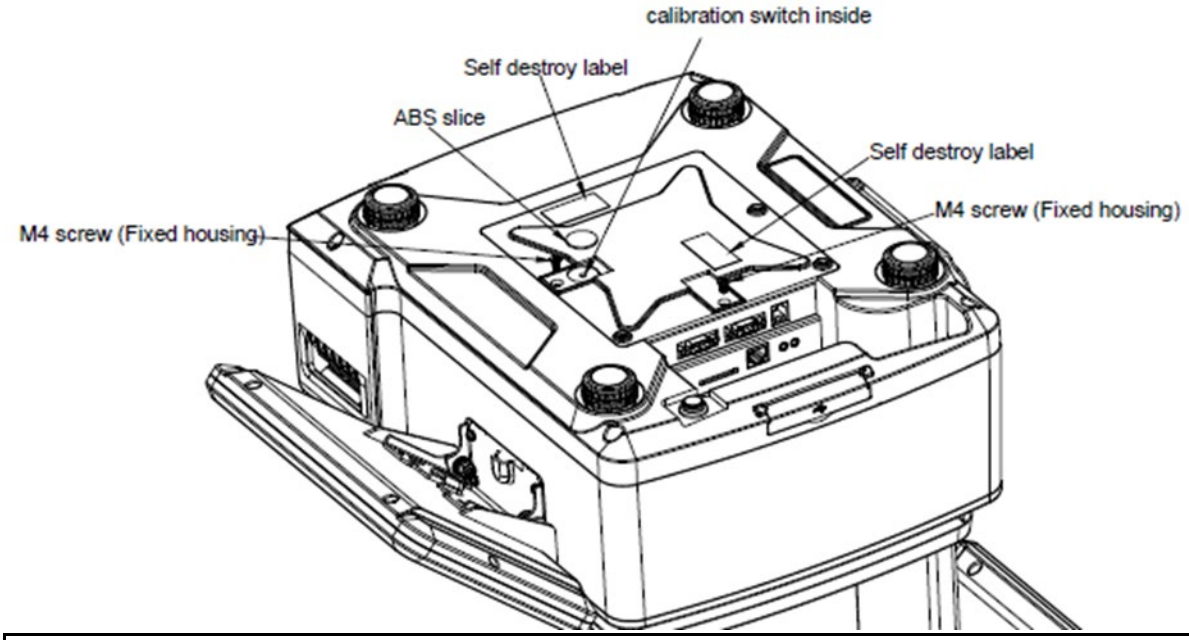
Material in this section explains how to navigate the “Settings” screen in order to set up the various parameters in the scale. These operations should only be performed by Authorized Kilotech Dealers.

From the Main Menu Screen, Press the 

key to enter the “**parameter setting” page.**

No.	**Personnel**	**Operation**
1	Technician	Input the technician’s name and the password. This gives the technician permission to access all parameters and settings.
2	Admin	This gives the Admin permission to access all parameters except for the weighing settings and calibration. If required, you will need to login as an admin and press the CAL switch.
3	Operator	No authority. Only allows for weighing operations.
Note: Please don´t share your user name and password.		

If the scale is in “approval mode”, you will need to press the CAL switch (located on the bottom of the scale) to enter the parameter settings.



Setting			
Main menu	Submenu		Description
	User Information	Company Name	Input the company information which will be displayed in print format.
		Address	
		Telephone	
		Website	
		Logo	Select the logo.
		Slogan	Input the slogan.
		Shop No.	Input the shop no.
		Department	Input the department information.
		Scale No.	Input the scale no.
		Receipt Header1	This information can be displayed on the receipt header.

		Receipt Header2	
		Receipt Header3	
		Receipt Header4	
		Receipt Footer1	This information can be displayed on the receipt footer.
		Receipt Footer2	
		Receipt Footer3	
		Receipt Footer4	
	Currency		Select the currency
	Price decimal places		Select Price decimal places.
	Price Decimal Point Mode		Fixed or float.
	Decimal Point Setting		Set decimal point style.
	Price Rounding		Price rounding.
	Total rounding		Total rounding.
	Price Unit Setting		Set Price unit.
	Tax Rate		Tax rate.
	VNC (Virtual Network Computing) Switch		On / Off
System Settings	Gravity		Set to the local gravity.
	Date and Time		Set the date and time.

	Language	Select the language.
	Backlight	Set backlight.
	Sound	Set touch screen sound On / Off.
	Idle time	Set idle time.
	Touch screen Calibration	Touch screen calibration.
	Software Update	Software update.
	System Information	System information.
	Reset Database	Reset database.
	Database backup and recovery	Backup and recovery.
Operating Settings	Product Display	Setting up the Product Display Mode.
	Clear Selection After Print	Clear the PLU information after printing.
	Homepage After Print	Return to homepage after printing.
	Allow Price Change for Zero-Priced Items	On / Off
	Manual Pricing	On / Off
	Save input price	On / Off
	Price update dialog	On / Off
	Long Press Edit	On / Off
	Inner Printer	On / Off

	Print Count	Count how many times the labels have printed.
	Play audio after product selection	On / Off
	Input quantity after product selection	On / Off
	Print Method	Set the print method.
	Pre-pack mode	Set the print method in pre-pack mode.
	Shelf Number	On / Off
	Search Product by Shelf number or PLU	Set the search product criteria.
	Warning Prompts	Set warning prompts.
	Cursor	Show or hide the cursor.
	Show Additional UI	Turn on Sale2 and custom UI or not.
	Show Extension Keypad	On / Off
	Required Password	On / Off
	Scan for	Scan for product or TARE.
	Auto Clear TARE	On / Off
	Print Second Label	On / Off
	Label Report	On / Off
	Print ASK	On / Off
	Receipt Report	On / Off

	Receipt copy	On / Off
Communication Settings	Com0	Built-in ASCII printer (baud rate:115200,data bits:8,stop bits:1.)
	Com1	External printer or other device (RS232).
	Com2	External printer or other device (RS232) .
	Base Station IP	Reserved function.
	etho	Eth0 setting.
	WLAN	WLAN setting.
Back Display (Customer Display) Settings	Slogan Setting	Back display slogan setting.
	Back Display Mode	Product images or advertisements.
	Slides	Back display advertisement setting.
	Version	Check the back display version.
	Change back page	Set the back display style.
Printer Settings	Printer Configuration	Configure the printer parameters.

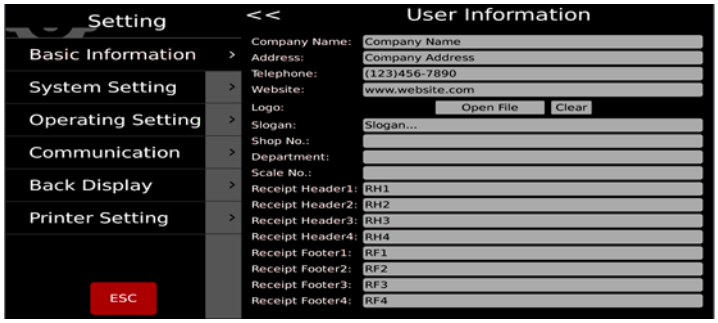


Reset Database: Once deleted, it cannot be recovered.

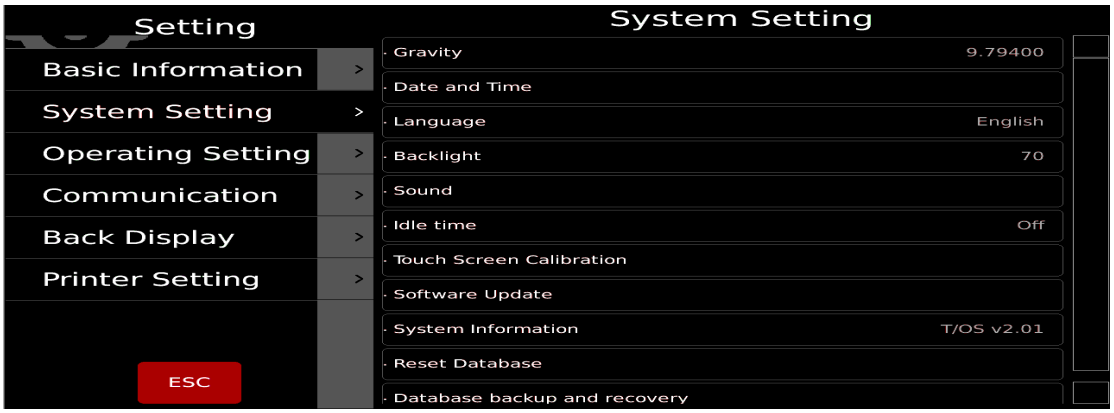
How to Set Basic Information at the Admin Level

User Information

Input the company name, address, shop ID etc.



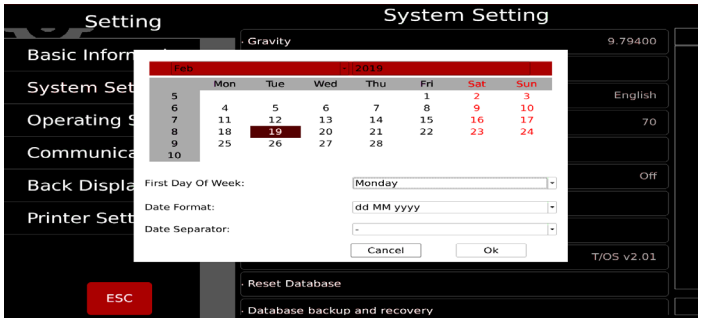
System Settings



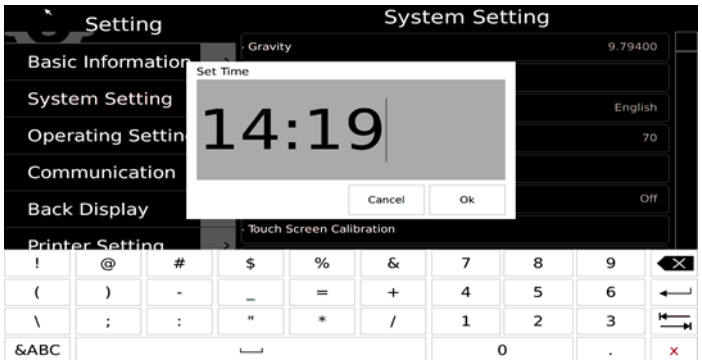
Date and Time

Select the current date.

Select the date format.



Input the current time.



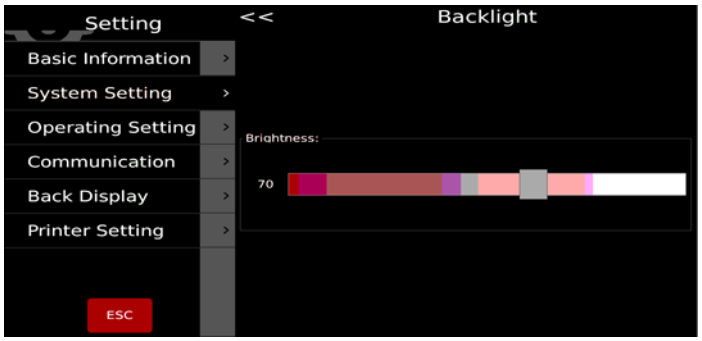
Language Settings

Select the applicable language. Once a new language is selected, the scale will reboot.



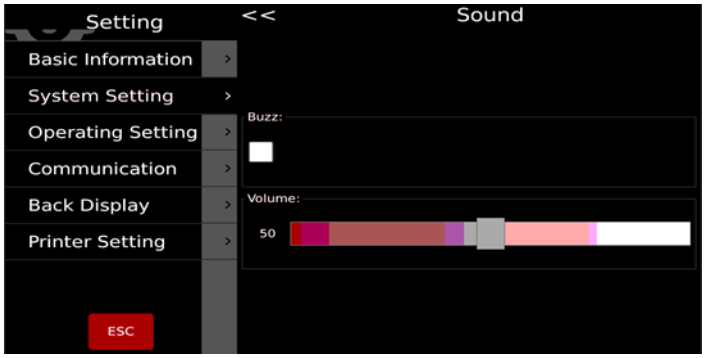
Backlight

Scroll the bar to adjust the backlight brightness



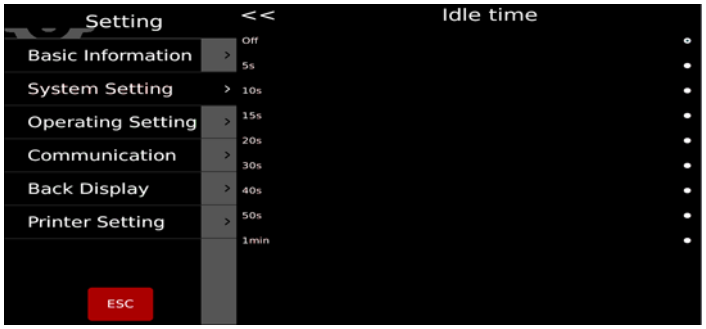
Sound

Check the white box that says Buzz to enable the sound. Adjust the volume with the scroll bar.



Idle Time (sleep mode)

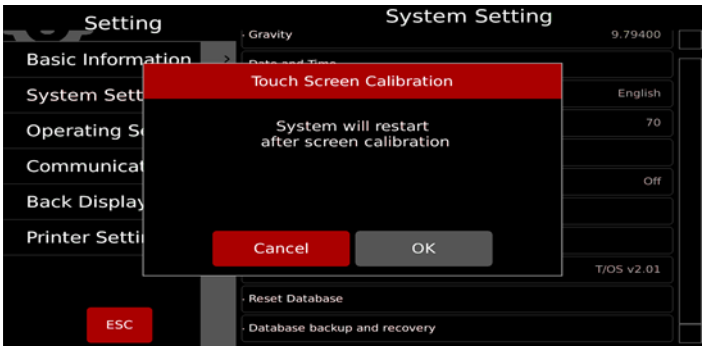
Once the selected time has passed and no action has been taken on the sales page, the scale will enter into idle mode. You can set the amount of time you would like the scale to go into idle mode.



Touch Screen Calibration

If the touch screen panel isn't working as expected, you may want to try to recalibrate it. After the calibration, the software will reboot.

Follow the pin point on the display, and press on each point to recalibrate.



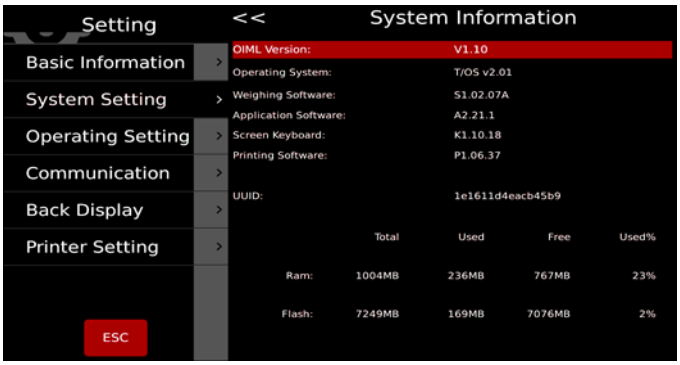
Note: Please consult with a Kilotech technician before doing any software updates. Your scale may not function correctly if it was updated incorrectly.

System Information

System Information Includes:

OIML Version, OS version, scale library version, application version, keyboard input version, and printer library version.

It also displays the RAM and Storage usage.



Reset Database

Clear the data in the described fields.



This operation should be done with caution. Once the data is deleted, it cannot be recovered. Make sure all that data can be regenerated before doing so. See how to do a backup in the next step.

Database backup and recovery

Backup the database before powering off.

Put a tick in the box and the scale will backup the database before powering off.

Backup

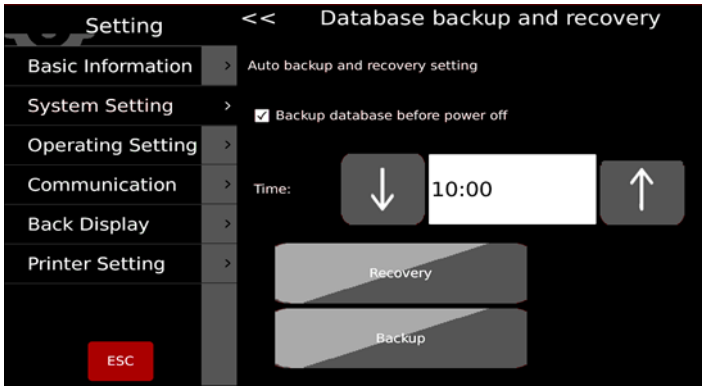
Press ‘Backup’ to backup the database manually in the scale.

Recovery

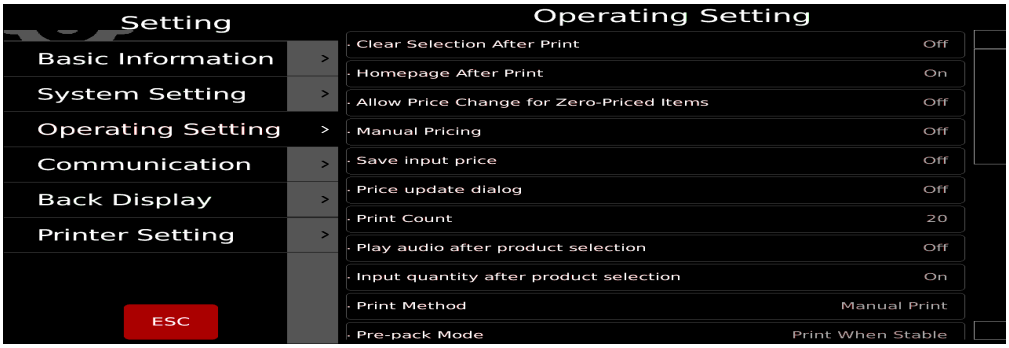
Press ‘Recovery’ to restore the last backup data manually.

Time

Reserved function.



Operating settings

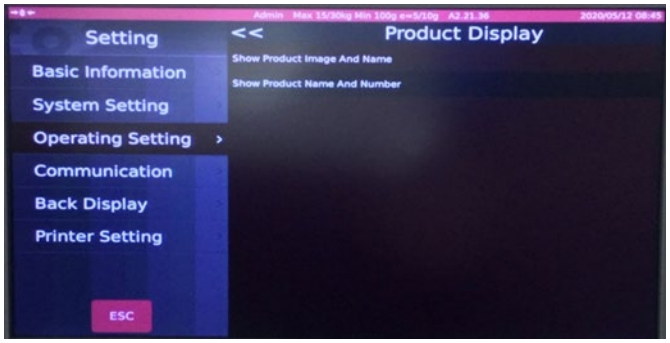


Product Display

Set the type of product display.

Show the product image and name: Pictures and names of products will be displayed in the sales interface; if there are no pictures of the products, the product name and number will be automatically displayed.

Show the product name and number: The product displayed in the sales interface will only show the name and number, not the picture.



Clear Selection After Printing

Clear up the PLU data after printing. This can be set to on and off.

On: after printing out the labels, the selected PLU data will clear automatically.

Off: after printing out the labels, the selected PLU data will remain. You will need to clear it manually.

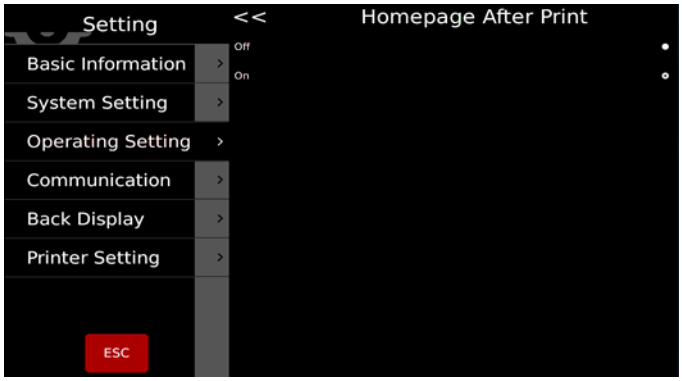


Homepage After Print

You can set the scale to return to the homepage after printing. This can be set to on and off.

On: The scale will return to the homepage after printing the label.

Off: The scale will not return to the home page after printing the label. You would have to do it manually.



Allow Price Change for Zero-Priced Item

Zero-priced items can be set to on/off.

On: unit price can be changed for a zero-priced item.

Off: Using this setting will not allow you to change the price for a zero-priced item.



Manual Pricing

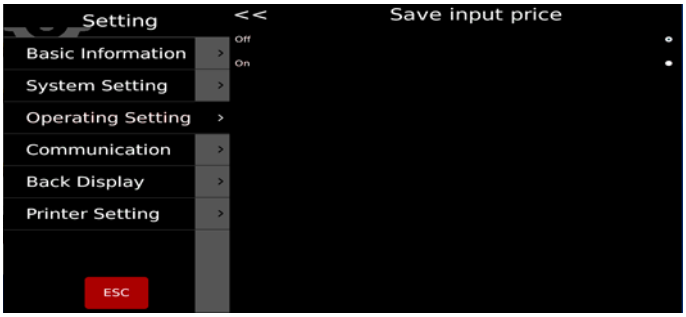
Toggle manual pricing on or off for miscellaneous items.

Save input price

Save input price can be set to on/off.

On: the input price will be kept after you remove the item.

Off: the input price will clear after you remove the item.



Price update dialog

Price updating tip window can be set to on/off.

On: when the unit price updates, the tip window will appear.

Off: when the unit price updates, tip window will not appear.



Long Press Edit

Long Press Edit can be set to on/off.

On: When Long Press Edit is opened, the long press PLU in the sales interface will pop up the modification page.

Off: When Long Press Edit is closed, the long press PLU in the sales interface will not work.

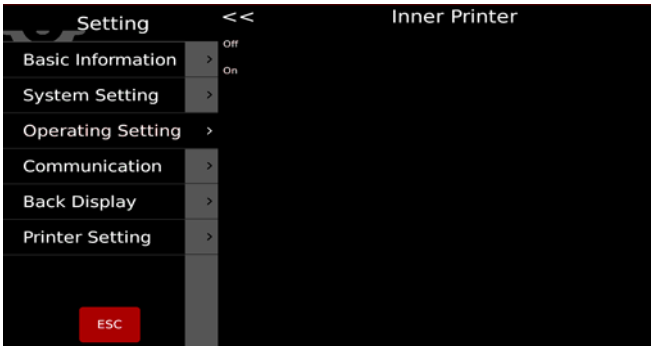


Inner Printer (also known as the built-in printer)

The printer can be set to on/off.

On: When the Inner printer is turned on, the internal printer is used to print.

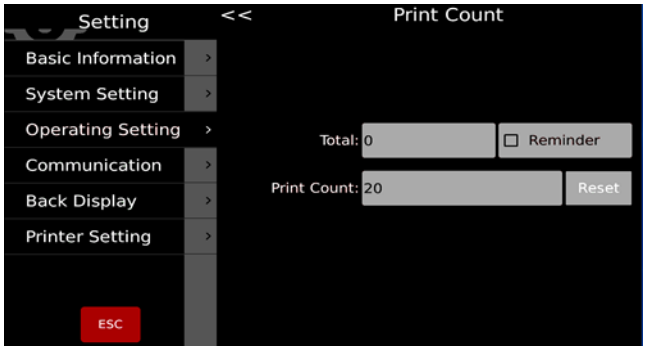
Off: When the Inner printer is turned off, the internal printer will not work.



Print Count

The Print Count is the quantity of labels you want to print at a one time.

For example: To print 4 labels, it will show “4”, and will return back to ”0” after you press reset.

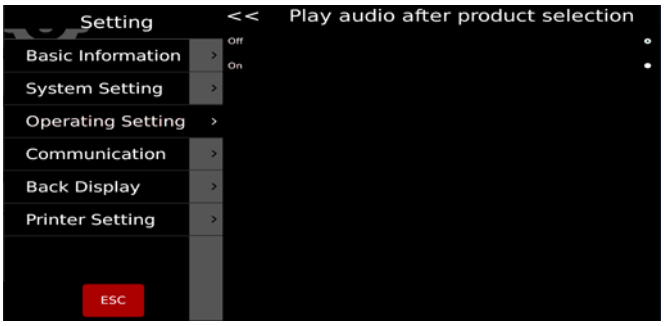


Play audio after product selection

Play audio function can be set to on/off.

On: will play the image and the audio automatically.

Off: To close the audio.



Input quantity after product selection

Input the quantity after product selection can be set to on/off.

On: When selecting counting items, the pop-up box of the input quantity will automatically pop up. To be used for counting merchandise only.

Off: Enter the Quantity Function after Closing Product Selection.

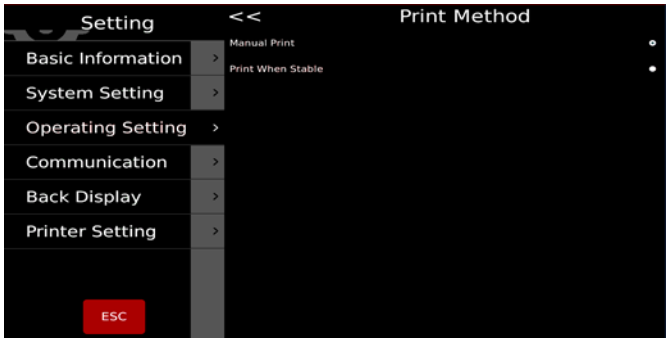


Print Method

There are two print modes.

Auto: load the weight and it will print after the scale is stable.

Manual: load the weight and it will print after you press the print key.



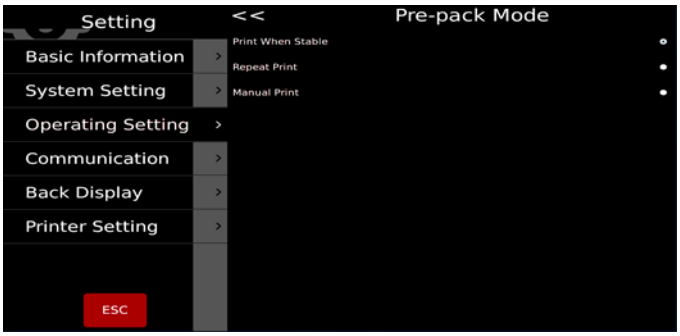
Pre-pack Mode

There are three options for the Print operation, found under the heading Operating Setting under pre packing mode.

Auto: place the item on the platter. The label will print automatically after the scale is stable. Remove the item. The scale will revert to zero. Place the next item on the scale and the scale will print the next label.

Repeat print: the scale will print out the quantity of labels you defined.

Manual: it will print out the label after you press the print key.

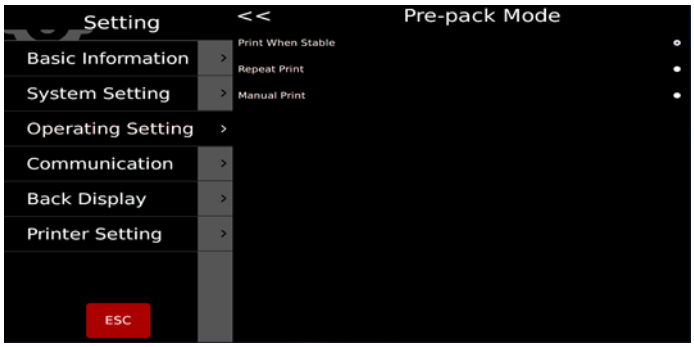


Pre-pack Mode (print total only)

This operation is used to set the prepackaged mode to always be open and is also found in the Operating Setting under Pre-pack Mode.

ON: When you enter the sales page, the pre-package is always open. When you Press on the pre-package button, you close the operation. When you re-enter, the pre-package is still open.

Off: Pre-packaged mode is always open and closed. You would need to open it manually.

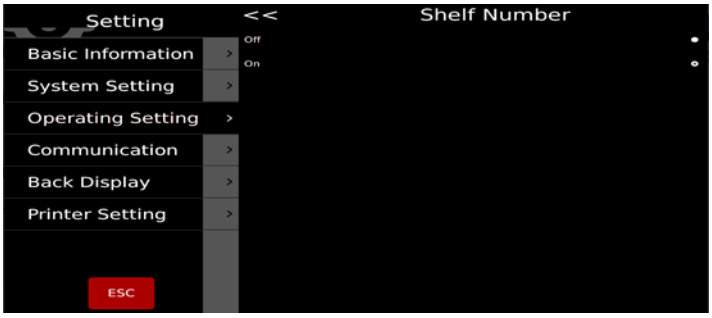


Shelf Number

The shelf number is set to on/off. It is used for shelf label mode.

On: shelf number will appear on the top left corner of the sales UI interface.

Off: shelf number will not appear.



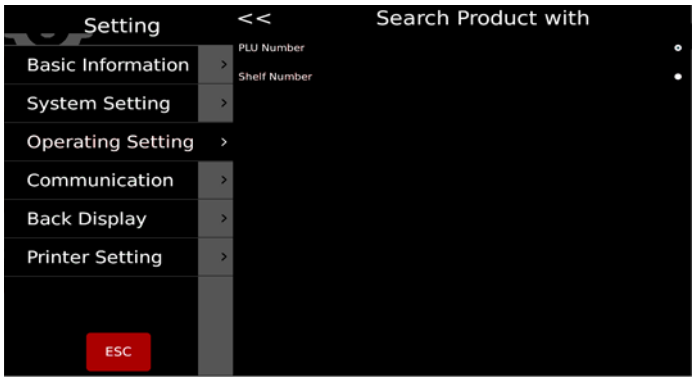
Search Product with Shelf number and PLU

PLU number: select the product PLU. Press the 

key and search the products according to the PLU.

Shelf number: select the shelf number. Press the 

key and search the products according to the shelf number.



Warning Prompts

There are 3 warning prompts under weighing mode found in the Operation Setting.

Manual: less than 20d (100g), the scale will not print out a label, and there will be no prompt.

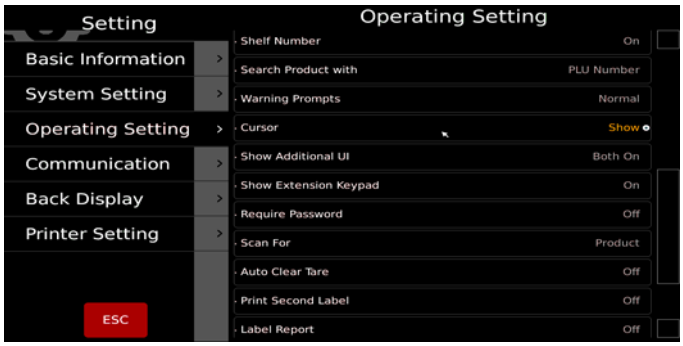
Warning Prompt: less than 20d (100g), the scale will not print out the label. There will be information indicating that the load is too light.

Warning Prompt closed: less than 20d (100g), the scale cannot print out the label. There will be information indicating that the load is too light. The warning prompt window will close after 3 seconds.



Cursor

Set the appearance of the mouse cursor.

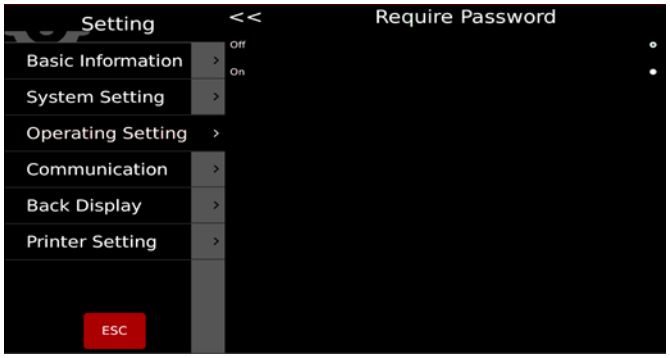


Require Password

Turn the password prompt on/off before entering the main menu.

On: Password input is required each time.

Off: If an account has been logged in, there will no longer be a password prompt.

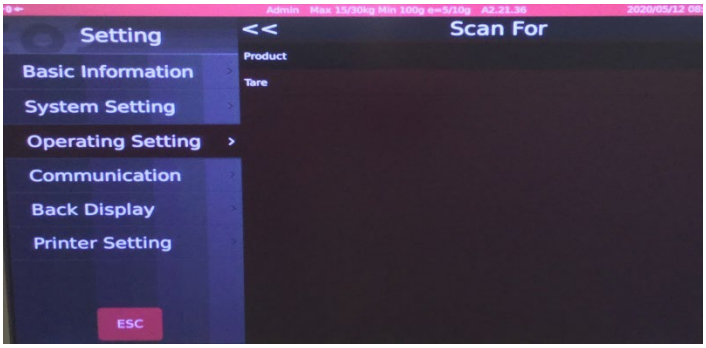


Scan For

Configuration for scanner input

Product: Scans and calls out according to the barcode.

TARE: Scans and TARE the corresponding weight value.

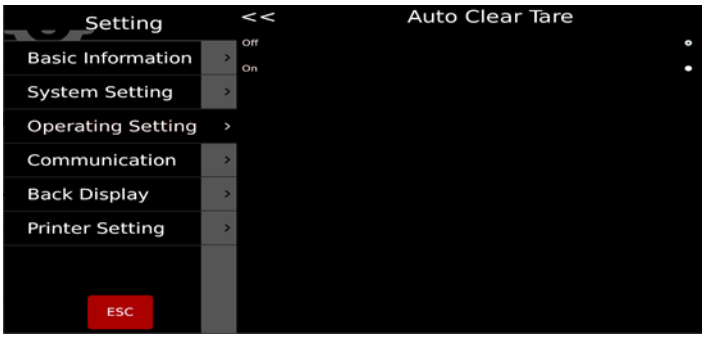


Auto Clear Tare

Turn Auto Clear TARE on/off.

On: TARE will be cleared after printing a label.

Off: TARE will remain after printing a label.

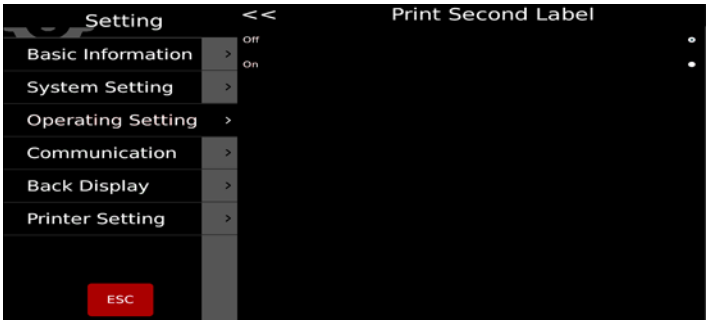


Print Second Label

Turn the second label on/off.

On: A second label will be printed if the PLU has a second label format configured.

Off: A second label will not be printed.

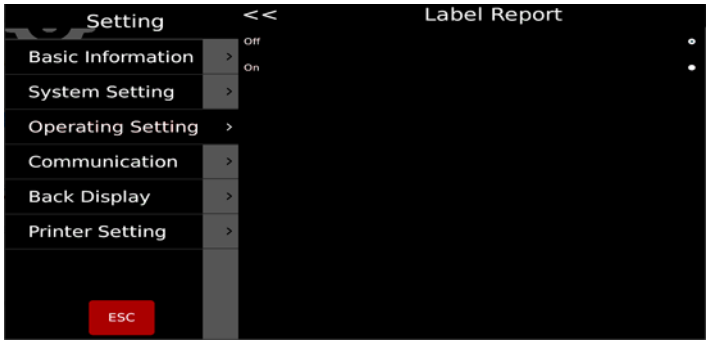


Label Report

Turn label report on/off.

On: Each label printed will be saved in the database.

Off: Label prints will not be saved in the database



Print Ask

Turn the Print Ask on/off.

On: Open the print inquiry. Each time you need to print a label, a pop-up window will pop up asking if you want to print.

Off: Close the print inquiry.



Receipt Report

Turn Receipt Report on/off

On: Each label printed will be saved in the database.

Off: Label prints will not be saved in the database.



Receipt Copy

Turn Receipt Copy prompt on/off.

On: Receipt copy option will prompt.

Off: Receipt copy option will not prompt



Communication Settings

Com0

Com0 for built-in printer parameters.

Mode: Print BL_F1182,baud rate115200.



Com1

Com1 for connecting printer/PC.

Including Mode, Baud rate, Data bits, Stop bits.

Mode:

Off: Close com port.

Print: Select printer.

Continue: Send data to PC continuously

ASK: Operate by keyboard

Baud rate: 600-115200

Data bits: 6, 7, 8

Stop bits: 1, 2



If select print mode, select ticket printer/label printer from the list.

Printer model	**Remark**
epm205	T-Scale built-in ticket printer *J7,X7,L10
os2130	Argox Label printer OS-2130D, CP 2140,RP80VI
rg88v	REGO Thermal printer; RG-P88V
pos76xx	SPRT Dot Matrix Printer; SP-POS76IV etc.
rp76	REGO Dot Matrix Printer; RG-P76IV
Epson_LQ300k	EPSON Dot Matrix Printer, LQ300/350
BL_F1182	T-Scale built-in label printer *P10
ASCII	ASCII mode of printer operations *T-Scale TPUP dot matrix printer, EPSON TMU series, etc.
XP58_IMAGE	T-Scale built-in ticket printer (*graphics command mode)

	*L10
LP2824	ZEBRA Label Printer; LP2824, LP2844, GC420t etc.
EZ_1100Plus	GODEX Label Printer: EZ series DT2/1100 etc.
Epson_LX310	EPSON Dot Matrix Printer; LX310/350 TVSE Classic Dot Matrix Printer (*Graphics command mode)
LX310_ASCII	EPSON Dot Matrix Printer; LX310/350 TVSE Classic Dot Matrix Printer (*ASCII command mode)
RG88V_LABEL	T-Scale Built-in Ticket Printer (*graphics command mode) *P 15
ZX1300I	GODEX Industrial; ZX 1300i

Com2

Select Com2 to RS232 interface. Select option as per same like Com1.

Base Station IP

Reserved function.



eth0

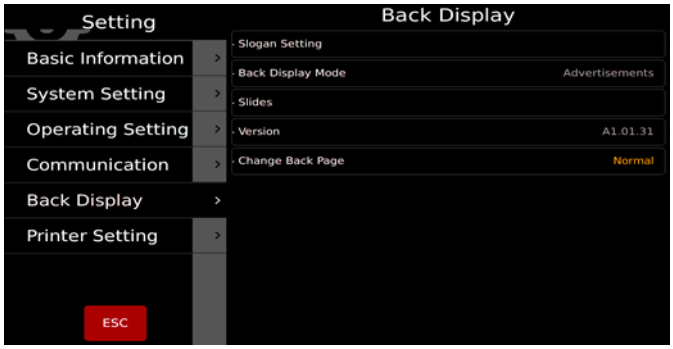
If the scale is connected to a network by cable, it will show eth0 to configure IP address, DHCP or manual input.

Select the Setting option to input the IP address according to your PC.

Note: If network is inaccessible, eth0 will only display MAC address.



Back Display



Slogan Setting

Enter the text for the customer display that will scroll across the display. Check the checkbox to enable it.

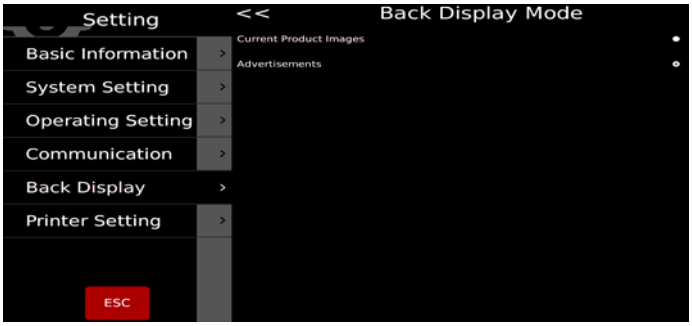
Set the scrolling speed and left-to-right option.



Back Display Mode

Product Image: the selected product image will display on the customer screen.

Advertisement: the customer display will only display the images and videos.



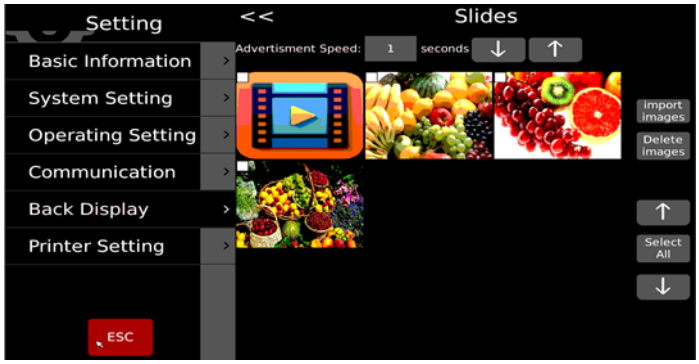
Slides

Import and select media files for advertisement.

import images Import Images and Videos.

Delete images Delete Images or Videos.

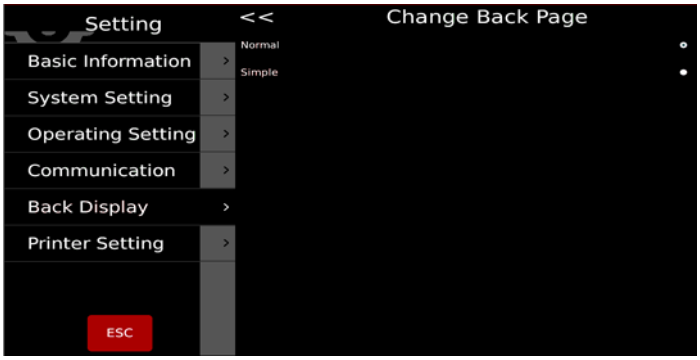
Advertisment Speed: 1 seconds ↓ ↑ Select duration for each image.



Change Back Page

Standard: Customer display will include logos and images.

Simple: Basic layout customer display



How to Enter Technical Information

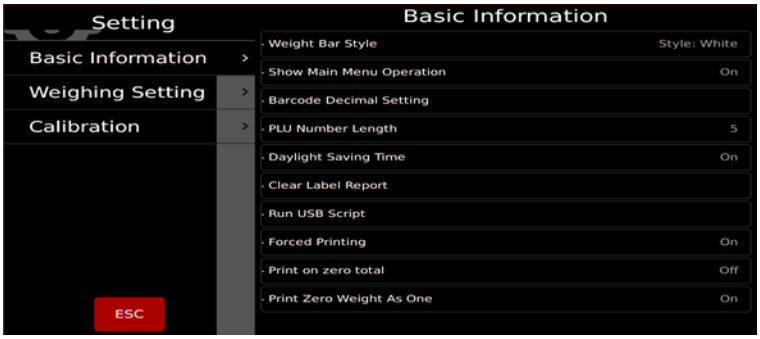
Press 'Technical' to enter technical settings. Ask your dealer for the PASSWORD.

Basic Information	Weight Bar Style	Set weight bar style
	Show Main Menu Operation	Turn on/off main menu operation
	Barcode Decimal Setting	Set barcode decimal
	PLU Number Length	Set PLU number length
	Daylight Saving Time	Turn on/off daylight-saving time
	Clear Label Report	Clear Label Report
	Run USB script	Check USB connection status and run script
	Forced Printing	Turn on/off forced printing
	Print on zero total	Turn on/off print on zero total function
	Print Zero Weight As One	Turn on/off print zero weight as one function
Weighing Setting	Approval Setting	Select different approval mode
	Range Mode	Multi Interval

	Decimal	Select decimal
	Capacity	Set capacity
	Division	Set division
	Weight unit	Set weighing unit
	Auto Zero	Set auto zero
	Manual Zero	Set manual zero
	Zero tracking	Set zero tracking
	TARE Mode	Enable/Disable multi-TARE
	ACC Minweight	Set acc minweight
Calibration	Calibration	Weighing calibration
	Internal count	Load cell internal count

Basic Information

Please consult a Kilotech technician prior to making any changes. These operations should only be performed by Authorized Kilotech Dealers.



Weight Bar style

Select weight bar style: black or white. Confirm. It will return to the sales page to check.

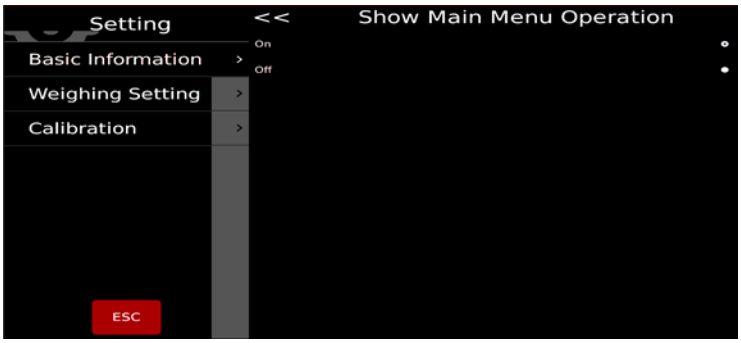


Show Main Menu Operation

Turn on/off Main menu operation.

On: There will be zero, TARE, feed key on the main menu, etc.

Off: None of these keys will be displayed on the main menu.



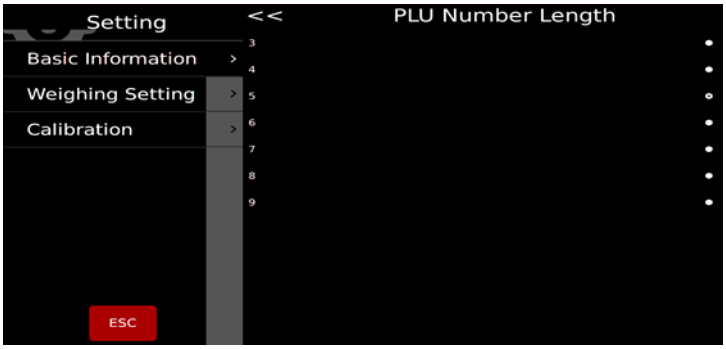
Barcode Decimal Setting

Set the decimal for the price/weight/pcs in the barcode.



PLU Number Length

Set the PLU length from 3 to 9.



Daylight Saving Time

Turn Daylight Saving Time on/off.

On: Activate

Off: Deactivate



Clear Label Report

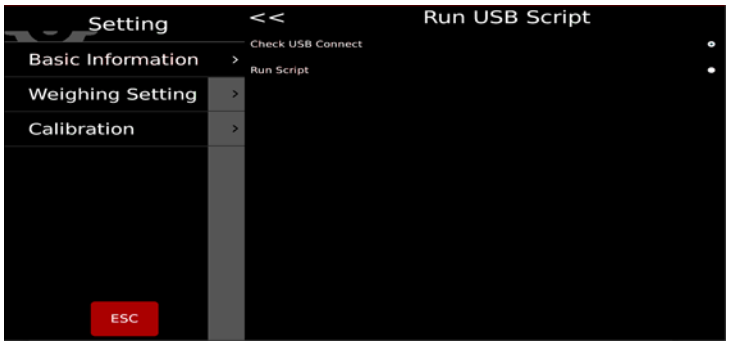
All the label records will be cleared.



This action cannot be reversed.

Run USB Script

Check USB Connection: Checks and returns the USB plug in status. Run Script:



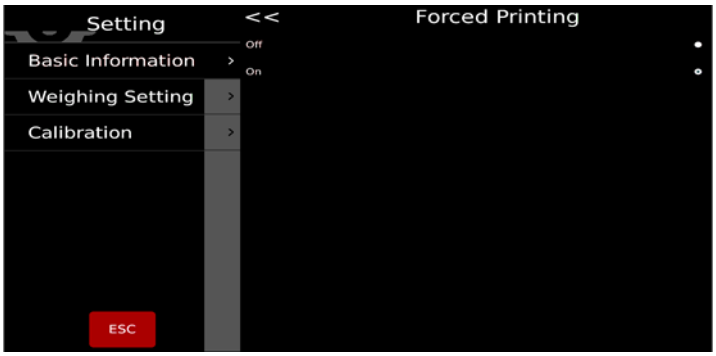
Please consult technical support.

Forced Printing

On: The scale will print a label when the 

button is pressed, without requiring you to remove the item from the platform.

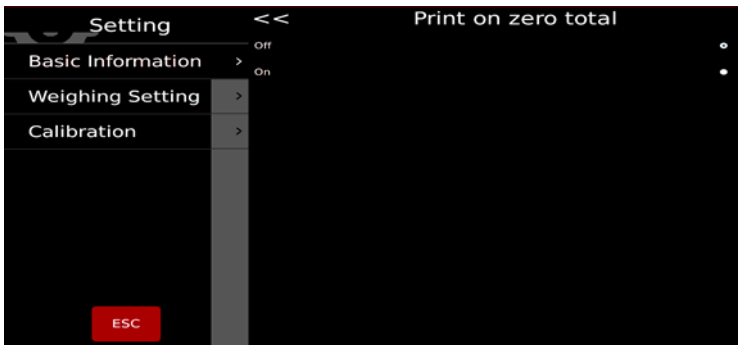
Off: Item must be removed before the next item is weighed.



Print on zero total

On: Enable the scale to print when the price total zero is displayed.

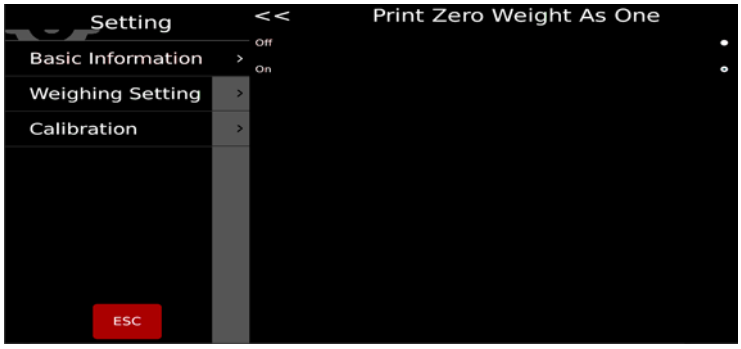
Off: The scale will not print when the price total is zero.



Print Zero Weight As One

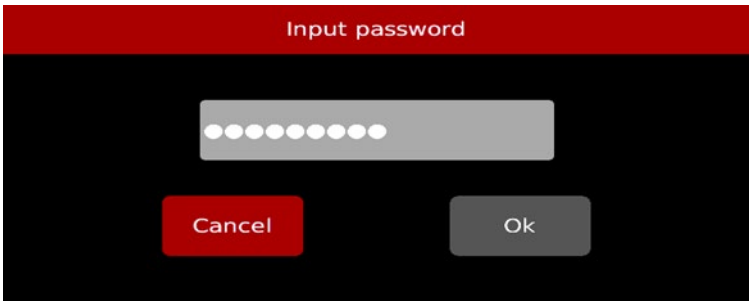
On: When the scale has no weight but has a unit price, it will print the product as a piece counting item.

Off: When the scale has no weight, no printing will be allowed.

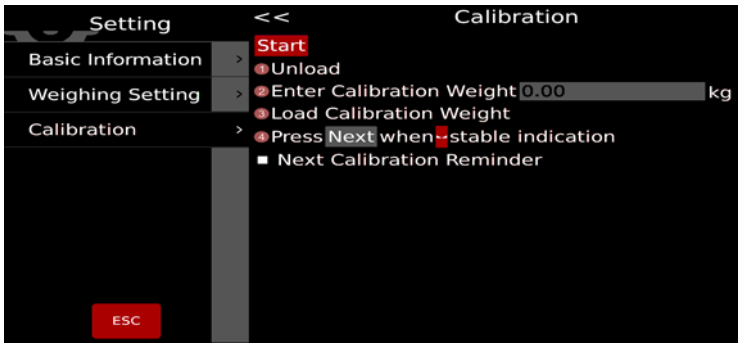


Calibration

Select Technical Settings and input the password. Ask your dealer for the PASSWORD.

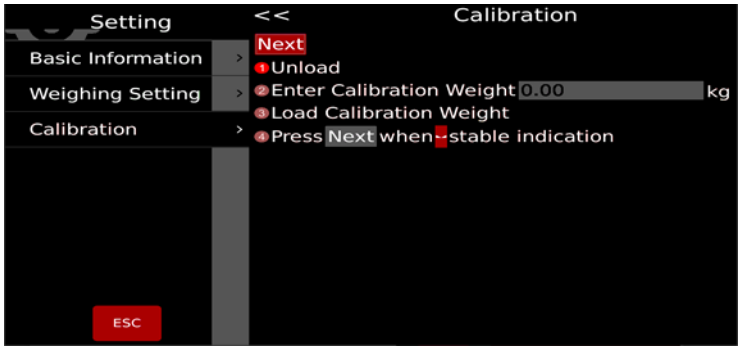


Press on to start the calibration process.



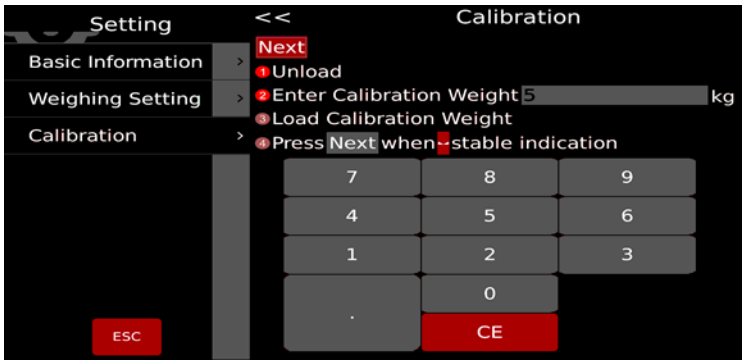
1: Clear the Platter

Clear the platform and wait until it is stable. Press next.



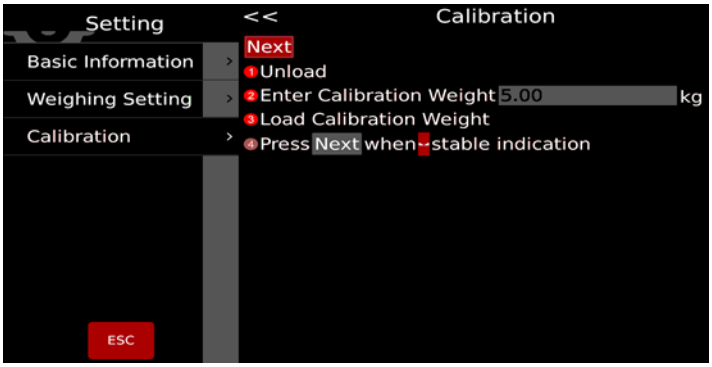
2: Input Calibration Weight

Input Calibration weight. Press next.



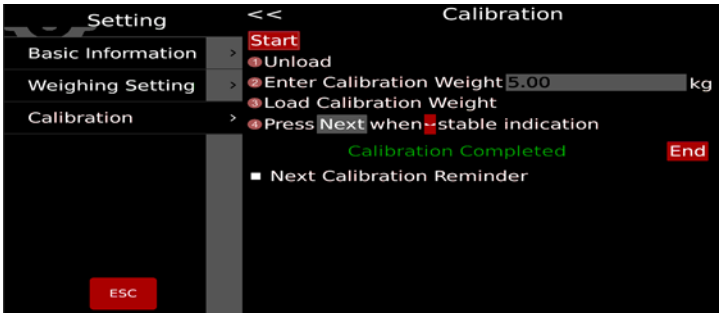
3: Place Weight

Place weight according to the input weight.



4: Press Next when Stable

Wait until the scale is stable. Press next to finish the calibration.

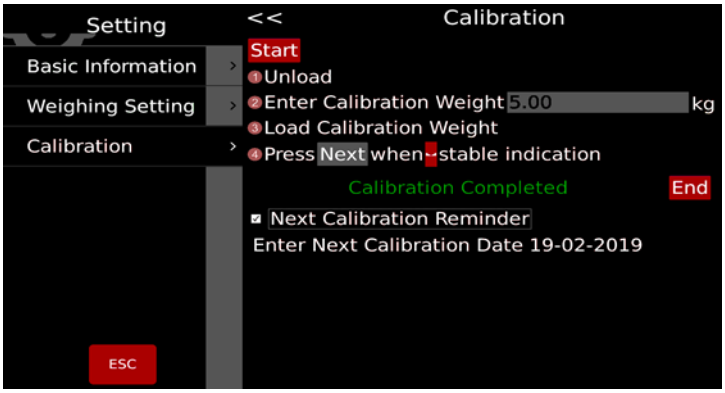


Note：If it failed, try again.

Check the internal count value. If it is abnormal, the load cell or the connection needs to be checked.

How to Set Up an Automatic Notice for your Next Calibration

If you want to be notified of the next calibration, check the box before finishing the calibration.



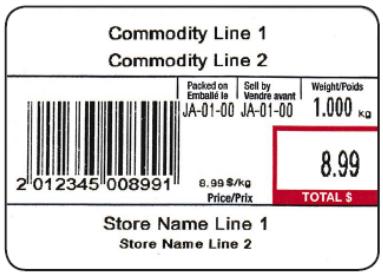
Specifications

Product Number	K851514 - TI 30 INTEGRATOR 30KG 60LB
Capacity	0-15 kg / 0-30 lb. 15-30 kg / 30- 60 lb.
Graduation	0.005 kg / 0.01 lb. 0.01 kg / 0.02 lb.

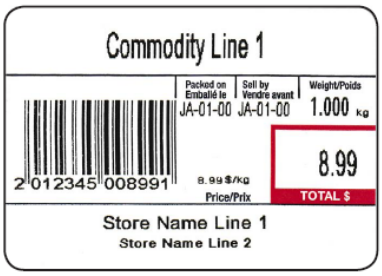
Weighing Range Type	Multi-Interval
Units of Measure	kg, lb.
Price Computation	$/kg, $/lb.
Display	LCD 10" color touch screen for the operator 1280 x 800 7" color customer display 800 x 480 Gross = 4 digits Tare = 5 digits Net / Unit Price / Total Price = 6 digits
Touch Screen	Resistive Programmable
Resolution	10.1"(1280x800); 7"(800x480)
Power	AC100~240V 50/60 HZ Adapter
Product Dimensions	See diagrams in the front of the manual
Platter Size	280 x 385 mm 11" x 15.16" (in)
Platter	Stainless steel
Scale housing	ABS
Scale frame and subframe	Aluminum
Operating Temperature	0°~+40°
Printer	Integrated
Label Printing	Thermal maximum width 60 mm
Label	Pre-pack or single label

Max Label Print	Width x Length: 56 x 300mm
Printing Speed	127mm/s
Multi languages	Yes
Sales reports	Yes
Communication Ports	2 x USB 2.0 2 x RS232 1 x RJ45 for ethernet 1 x RJ11
Memory	RAM 2GB Flash 8GB
WIFI	Yes
Level	Yes
Adjustable Feet	Yes
Prepack Mode	Yes for prepacking only. Not for direct sales.
Other Features	Autozero Tracking, Programmable TARE, Standby, Sleep Mode, PLU
Measurement Canada and NTEP approval number	AM-6098; CC 18-034

Preformatted Label Format Table



1 K862409



2 K862409

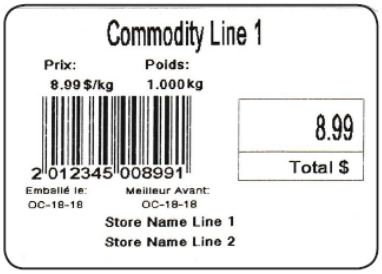


3 K862050

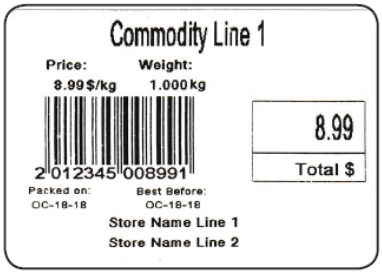
K corresponds to the Kilotech item number when ordering.
K correspond au numéro d'article de Kilotech quand vous placez votre commande.



4 K862050



5 K862051



6 K862051



7 K862036



8 K862036



9 K862036



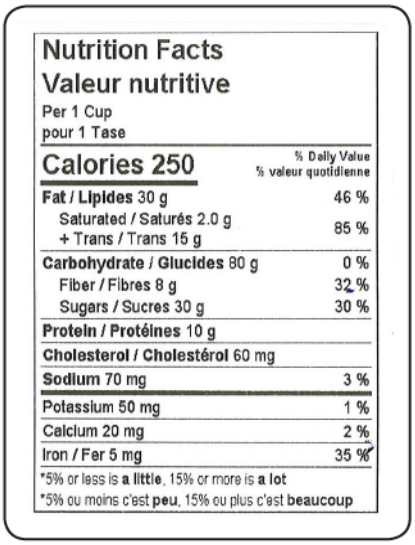
11 K862036



12 K862036



13 K862036



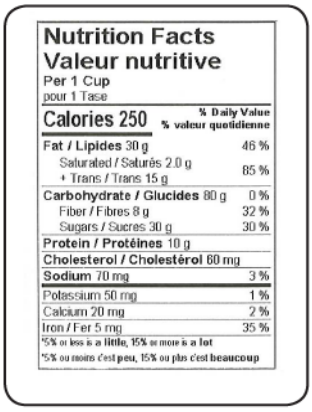
TVN
Canada

10 K862036



TVN
USA

15 K862036



Small NFT Format

14 K862051

Type	Item / Article	Model / Modèle	Size / Dimensions – Quantity / Quantité	Argox
1	862049	**LE.3k, Integrator C, KRS3000, LP16** or **KRS 1000PRS/RS**	58 x 40 mm – 700 labels per roll/étiquettes par roul.; 30 rolls/case / roul./caisse	✓
2	862050	**LE.3k, Integrator C, KRS3000, LP16** or **KRS1000PRS**	58 x 60 mm – 500 labels per roll/étiquettes par roul.; 30 rolls/case / roul./caisse	✓
4	862051	**LE.3k, Abacus, KRS3000, KCS 1000** or **ER Plus** Blank/Vide	56 x 40 mm – 600 labels per roll/étiquettes par roul.; 30 rolls/case / roul./caisse	✓
5	862036	**LE.3k, Abacus, KRS3000, CL5000, LP16** or **LPII** Blank/Vide	58 x 80 mm – 350 labels per roll/étiquettes par roul.; 30 rolls/case / roul./caisse	✓

Barcode Type Table

Number	Format	Flag	Item Code	Price/Weight	Barcode digits												
					1	2	3	4	5	6	7	8	9	10	11	12	13
1	UPC-A	Flag= 1 Digit	Item Code=5 Digits	Price= 5 Digits	F	I	I	I	I	I	P	P	P	P	P	C	
2	UPC-A	Flag= 1 Digit	Item Code=5 Digits	Weight= 5 Digits	F	I	I	I	I	I	W	W	W	W	W	C	
3	UPC-A	Flag= 1 Digit	Item Code=6 Digits	Price= 4 Digits	F	I	I	I	I	I	I	P	P	P	P	C	
4	UPC-A	Flag= 1 Digit	Item Code=6 Digits	Weight= 4 Digits	F	I	I	I	I	I	I	W	W	W	W	C	
5	UPC-A	Flag=2 Digit	Item Code=5 Digits	Price= 4 Digits	F	F	I	I	I	I	I	P	P	P	P	C	
6	UPC-A	Flag=2 Digit	Item Code=5 Digits	Weight= 4 Digits	F	F	I	I	I	I	I	W	W	W	W	C	
7	EAN-13	Flag=1 Digit	Item Code=6 Digits	Price=5 Digits	F	I	I	I	I	I	I	P	P	P	P	P	C
8	EAN-13	Flag= 1 Digit	Item Code=6 Digits	Weight= 5 Digits	F	I	I	I	I	I	I	W	W	W	W	W	C
9	EAN-13	Flag=1 Digit	Item Code=7 Digits	Price=4 Digits	F	I	I	I	I	I	I	I	P	P	P	P	C
10	EAN-13	Flag=1 Digit	Item Code=7 Digits	Weight= 4 Digits	F	I	I	I	I	I	I	I	W	W	W	W	C
11	EAN-13	Flag=2 Digit	Item Code=4 Digits	Price= 6 Digits	F	F	I	I	I	I	P	P	P	P	P	P	C
12	EAN-13	Flag= 2 Digit	Item Code=4 Digits	Weight= 6 Digits	F	F	I	I	I	I	W	W	W	W	W	W	C
13	EAN-13	Flag=2 Digit	Item Code=5 Digits	Price= 5 Digits	F	F	I	I	I	I	I	P	P	P	P	P	C
14	EAN-13	Flag=2 Digit	Item Code=5 Digits	Weight= 5 Digits	F	F	I	I	I	I	I	W	W	W	W	W	C
15	EAN-13	Flag=2 Digit	Item Code=6 Digits	Price= 4 Digits	F	F	I	I	I	I	I	I	P	P	P	P	C
16	EAN-13	Flag=2 Digit	Item Code=6 Digits	Weight= 4 Digits	F	F	I	I	I	I	I	I	W	W	W	W	C
17	EAN-13	Flag=2 Digit	Item Code=5 Digits	Price=4 Digits	F	F	I	I	I	I	I	S	P	P	P	P	C
18	EAN-13	Flag=2 Digit	Item Code=4 Digits	Price=5 Digits	F	F	I	I	I	I	S	P	P	P	P	P	C
19	EAN-13	Flag= 2 Digit	Item Code=5 Digits	Weight=4 Digits	F	F	I	I	I	I	I	T	W	W	W	W	C
20	EAN-13	Flag= 2Digit	Item Code=4 Digits	Weight= 5 Digits	F	F	I	I	I	I	T	W	W	W	W	W	C
21	GTIN-14																

F = Flag
I = Item Code
P = Price
W = Weight
C = Check Sum
S = Check Sum for Price
T = Check Sum for Weight

EAN-13 EXAMPLE



UPC-A EXAMPLE



Minimum Height

For UPC-A	22.85mm
For EAN-13	22.85mm
For GTIN-14	31.75mm

GTIN-14
(GS1-128 or ITF-14)

