

# *K-Scale*

# *USER MANUAL*




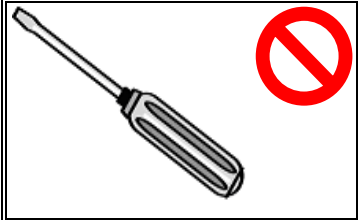


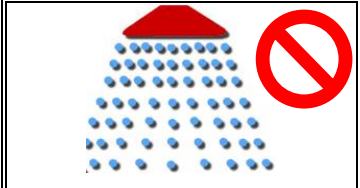
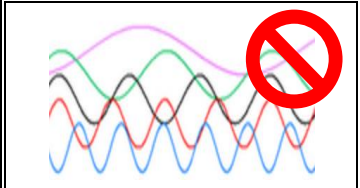
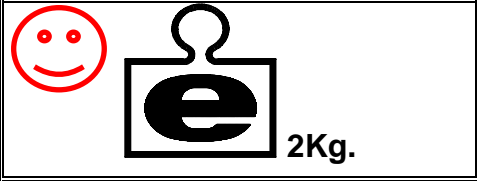



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# 1. RECOMMENDATIONS FOR USE.

 <p><b>AVOID HITTING THE SCALE</b></p>	 <p><b>DO NOT USE SHARP OBJECTS ON THE SCREEN</b></p>	 <p><b>AVOID EXPOSURE TO THE SUN</b></p>
 <p><b>DO NOT CLEAN THE SCALE WITH SOLVENT</b></p>	 <p><b>DO NOT THROW WATER DIRECTLY ON THE SCALE</b></p>	 <p><b>DO NOT EXPOSE THE SCALE TO VIBRATIONS</b></p>
 <p><b>FOR ITS CORRECT FUNCTIONING, PLACE A KNOW WEIGHT ON THE PLATE AND VERIFY HOW EXACT IT IS.</b></p>	 <p><b>IN ORDER TO CLEAN THE SCALE, USE DRY SOFT SUEDE OR WET IT SLIGHTLY IN SOAPY WATER WITH NEUTRAL PH</b></p>	

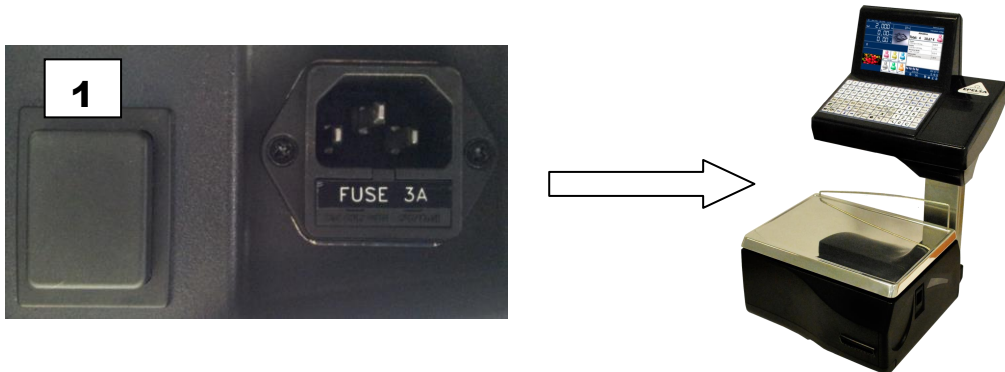
We want to provide the user of the scale with some very useful recommendations.

The performance of the device you have just acquired will be better if you pay as much attention as possible to the instructions which are included in this Manual.

Please, forget about the traditional apathy that surrounds the use of manuals, and don't wait until everything **"goes wrong"** to consult it. Instead, if you read the manual, you will be able to enjoy the device's optimal services from the very beginning.

## 2. IGNITION

1.- Activate the switch located on the lower area of the scale.



### 3. SALE SCREEN AND PACKAGING SCREEN.

#### 3.1. Sale



#### 3.2. Packaging



### 3.3. Indicators area

METROLOGIC CHARACTERISTICS

Max 15kg Min 100g e= 5g Balanza.admin

WEIGHT INDICATOR → 1,400 kg

PRICE INDICATOR → 1,29 €/kg

COST INDICATOR → 1,81 €

SALE TYPE/USER →

### 3.4. Network

NETWORKED SCALES

1 10.8.1.105 10/12/13 13:22:58

SCALE NUMBER →

SCALE IP ADDRESS →

DATE AND TIME →

### 3.5. Product Information

ITEM PICTURE →

ITEM DESCRIPTION ↓

55530 Uvas

### 3.6. Seller keys

SELLER'S NAME →

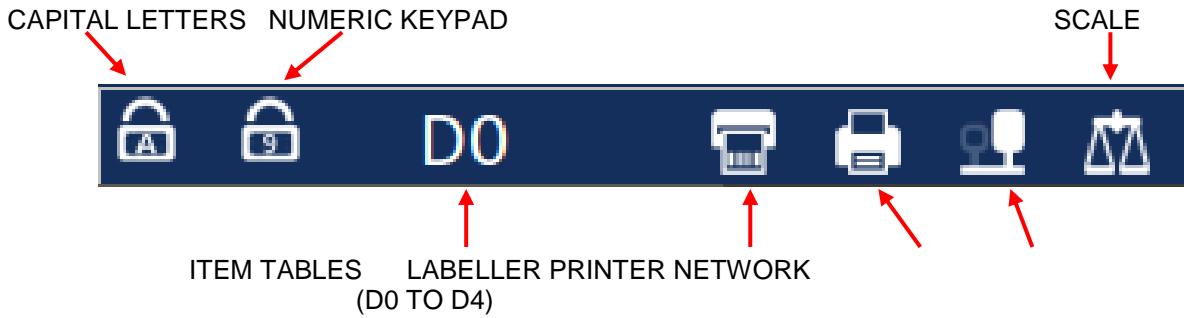
NUMBER OF OPERATIONS →

Vendedor 101 7,09 Antonio Sara

Raquel Pedro Mercedes

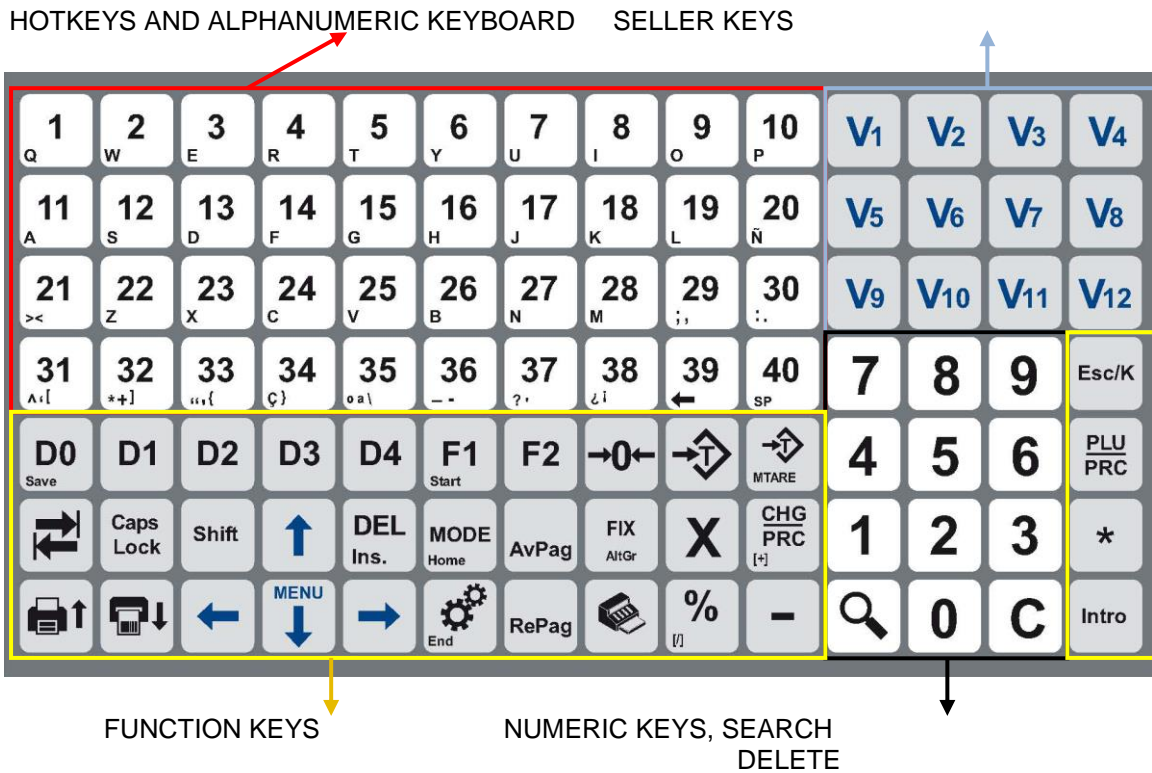
TOTAL COST OF SALE

### 3.7. Status icons.

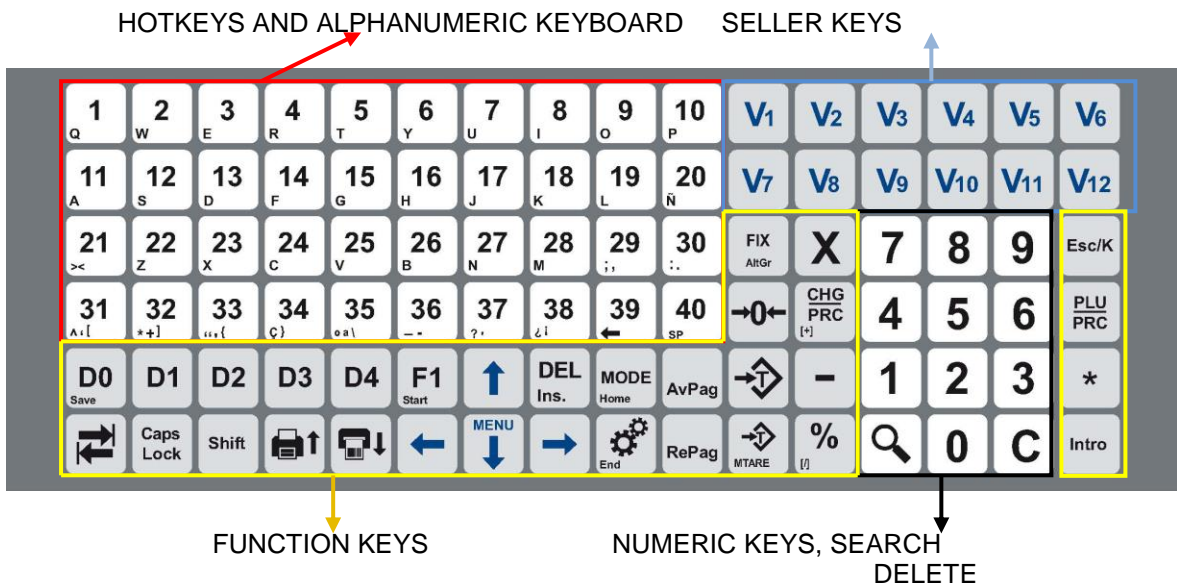


### 3.8. Button keypad.

#### 3.8.1. Counter Scale Button keypad (14x7; 98 keys)



#### 3.8.2. Suspended Scale Button keypad (16x6; 96 keys)






## 4. Work mode (Sale and Packaging)


### 4.1. Sale mode.

#### 4.1.1. Sale operations:

This can imply three different cases:

a) Place a weight on the plate, select a product and press seller.

b) Place a weight on the plate, press the key , type a price and press seller.


c) For products that are not weighed, press the key  and then the process is the same than with the other two cases, but without placing weight on the plate.

As we continue performing operations, we will see a list showing the seller and the products in the ticket

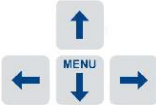






Vendedor 101	
<b>Total: 5</b>	<b>7,09 €</b> 
<b>Pasas</b> 0,500 kg x 4,44 €/kg	2,22 €
<b>Uvas</b> 0,200 kg x 1,55 €/kg	0,31 €
<b>Pera Limonera</b> 0,400 kg x 2,10 €/kg	0,84 €
<b>Melón</b> 0,900 kg x 1,19 €/kg	1,07 €
<b>Endivias</b> 1,400 kg x 1,89 €/kg	2,65 €


After this, the seller can select either Subtotal or Total (finish the sale with all the products in the ticket).

#### 4.1.2. Subtotal.

From the sale screen, press the key  then select the seller, and the ticket will appear on the screen.

While on the Subtotal mode, the user can perform the following actions:

- Cancel line; with  we place ourselves in the line we want to cancel.
- Order; to mark something as Order, press .
- Assign a client; press  and introduce the client's code, or press  and select client.
- Apply a discount on the total sale; press .
- Eliminate-Delete ticket; press .
- Print ticket; press .

- Exit Subtotal model; press .



Vendedor 101: revisión tique


Encargo

Piña	1 uds. x 4,56 €/U	4,56 €
Piña	1 uds. x 4,56 €/U	4,56 €
Piña	1 uds. x 4,56 €/U	4,56 €
Piña	1 uds. x 4,56 €/U	4,56 €
Piña	1 uds. x 4,56 €/U	4,56 €

DS Cliente



Operaciones 5 **22,80 €**

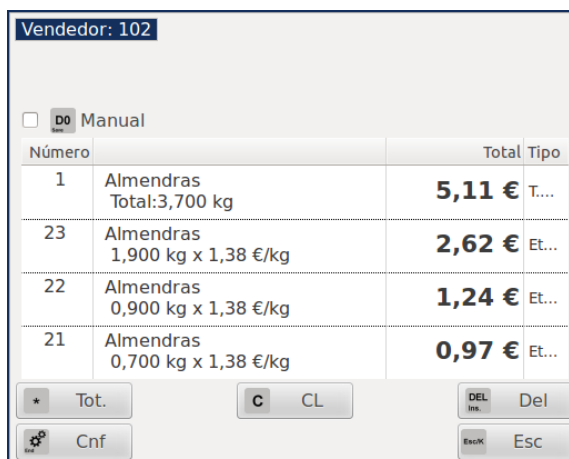
### 4.1.3. Total.

To obtain the total of a sale from a seller and close the ticket the user must press  as well as the corresponding seller.

## 4.2. Packaging mode

### 4.2.1. Packaging operations:

- Select the seller who is going to perform the operation.
- After that the user must select the item (through hotkeys or the item's code) or the price he is going to perform the packaging with.
- Pressing the key  we can start packing items. Every time the weight is modified, a label will be printed.
- Pressing  we will change the packaging to manual.




Vendedor: 102

Manual

Número		Total	Tipo
1	Almendras Total:3,700 kg	<b>5,11 €</b>	T...
23	Almendras 1,900 kg x 1,38 €/kg	<b>2,62 €</b>	Et...
22	Almendras 0,900 kg x 1,38 €/kg	<b>1,24 €</b>	Et...
21	Almendras 0,700 kg x 1,38 €/kg	<b>0,97 €</b>	Et...

As we perform packaging operations, the scale will show a list of the printed labels per seller.

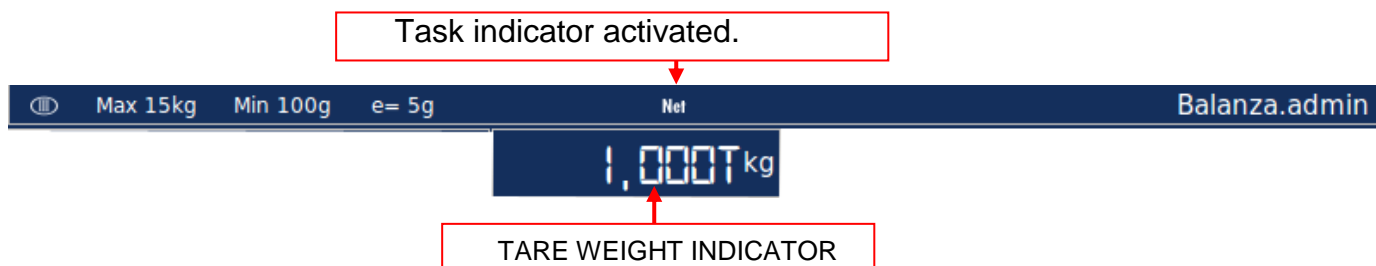
### 4.2.2. Total Packed.

Once we finish packing, by pressing  a label will be printed with the total price, indicating the total number of operations and labels issued.

## 4.3. Tare weight, (different types).


### 4.3.1. Manual Tare weight.

Place a weight on the plate. Press .



To eliminate the tare weight, retrieve the weight from the plate.


### 4.3.2. Manual Fixed Tare weight.

Having the Tare weight on display, (see section above) Press again .




To eliminate the tare price without having any item on the plate press .

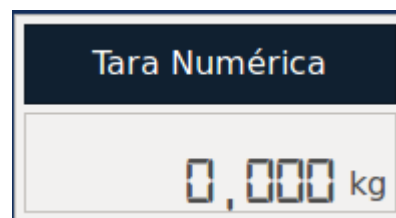
### 4.3.3. Numeric tare weight.

To introduce a numeric tare weight press .

A table appears for the user to introduce the value of the tare weight.

With the numeric keypad, introduce the tare weight's value

in Kg. You validate it by pressing .



If the weight is correct, this will be reflected as the fixed tare weight on the display.

## 5. MAIN MENU

### 5.1. Accessing the Main Menu

The user accesses the Main Menu from the Sale or Packaging window, pressing





If the user passwords are activated, both the User and Password information will be required.

#### **Example: USER AND PASSWORD**

User: **admin**

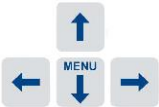

Password: **admin**

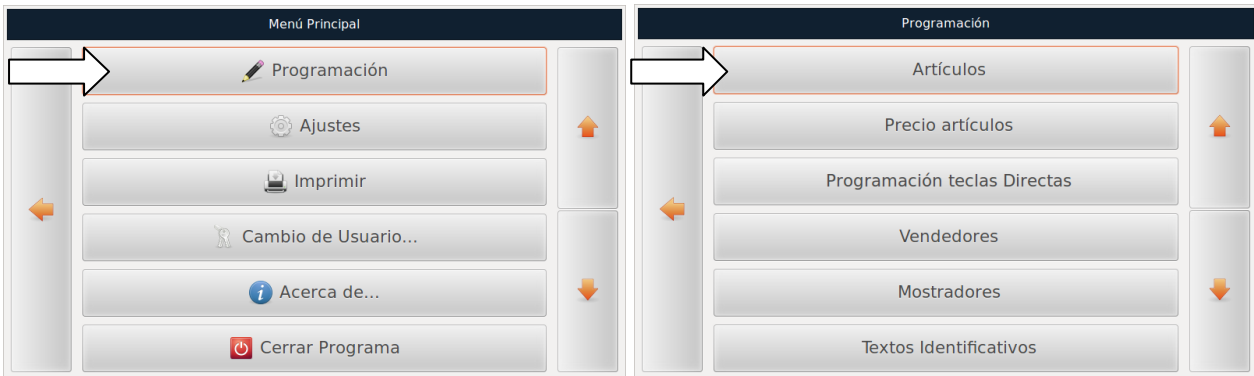
Press  if the password is correct, the user will access the MAIN MENU.


Press  as many times as is needed to go back to the work screen.

## 6. SET-UP.


### 6.1. Accessing the Set-up Menu.

Choose Programming with the cursors , and press .



Press  as many times as is needed to go back to the work screen.

### 6.2. Item set-up:

From the "Set-up menu", select the option "Items" and press .



The user will access the Item Set-up section.

The screenshot shows the 'Programación artículos' (Item Setup) form. At the top, there is a 'Código' (Code) field with a search icon and the text 'QABC'. Below this is a vertical sidebar with tabs: 'Item', 'Precio', 'Envasado', 'Descriptivos', and 'Grupos'. The 'Item' tab is active, showing several input fields: 'Nombre' (Name), 'Nom. Corto' (Short Name), 'Mostrador' (Display), 'Icono' (Icon), and 'EAN13'. There is also a 'Pesado' (Weighted) checkbox and a 'PLU' (Price Look Up) field. At the bottom of the form, there are several action buttons: 'MODE Prim.', 'RePag Ant.', 'AvPag Sig.', 'Fin', 'DEL Borr.' (Delete), 'Pestaña Ant.' (Previous Tab), 'Pestaña Sig.' (Next Tab), 'D0 Salvar' (Save), and 'EscK Cerrar' (Close).

Type the item's code.

This screenshot is identical to the previous one, but the 'Código' field now contains the number '1'. Additionally, the 'Pesado' checkbox is now checked, and the 'Nombre' field has a red border, indicating it is the current active field for data entry.

- If the item already exists, (it has been previously set-up), its information will be displayed.
- If the item does not exist (it's the first time it is introduced), the user must complete the fields that appear on the screen with the information to be set-up.


With the Tab key  we move through the different fields to be set-up.


The different fields are completed with the alphanumeric keyboard.


**Programación artículos**

Código

<b>Item</b>	Nombre	<input type="text" value="Platano de canarias"/>
<b>Precio</b>	Nom. Corto	<input type="text" value="Platano"/>
	Mostrador	<input type="text" value="1"/>
<b>Invasado</b>	Icono	<input type="text" value="F_009.png"/> <input type="button" value="QABC"/>
<b>Descriptivos</b>	EAN13	<input type="text" value="2cccccciiii"/>
<b>Grupos</b>		<input checked="" type="checkbox"/> Pesado PLU <input type="text" value="55"/>




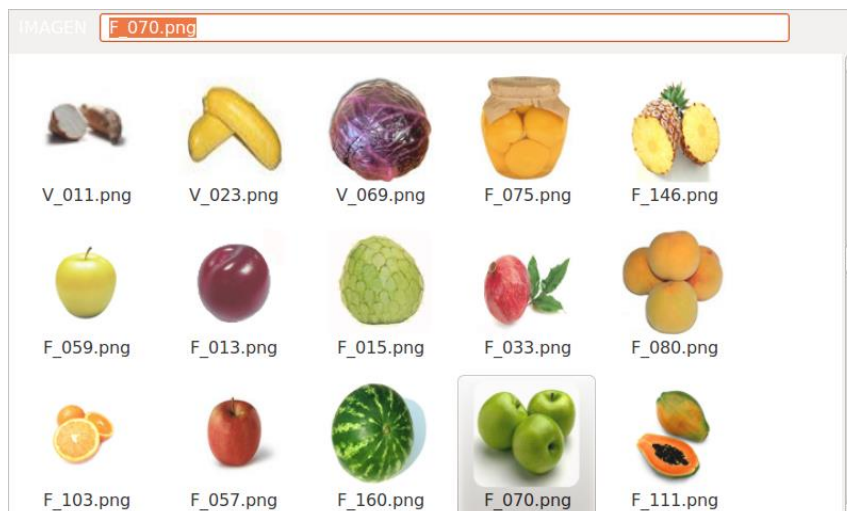
By pressing the key  when located on the Code field, a list of available items is shown. Here the user can select the item he is looking for with the numeric keypad.

Once selected, press :

Búsqueda de artículo

Código	Nombre	Precio	PLU	Familia
55101	Higos	2,25 €/kg	231	
55160	Moras	1,85 €/kg	42	
55186	Melocotón	1,49 €/kg	43	

Pressing the key  when located on the Item field, we can select the image that will be assigned to the product: (the path is: *sistema de archivos\home\pcscale\pcscale\resources\icons\item*)





## Definition of available fields for Items

Field	Type of Data	minimum	maximum	Size	Description
Code	Numeric	1	999999	6	Item code
Name	Alphanumeric			~60	Item description
Short name	Alphanumeric			~30	Short description of item
Weighed	Group	Weighed (checked box) Units (unchecked box)			Sale method: Sale by weight Sale by units
Counter	Numeric	1	99	2	Item counter
PLU	Numeric	0	999	3	PLU number
Icon	Alphanumeric				File name connected with the item
EAN13	Alphanumeric	EAN13			Code EAN13 to select the items through the scanner.

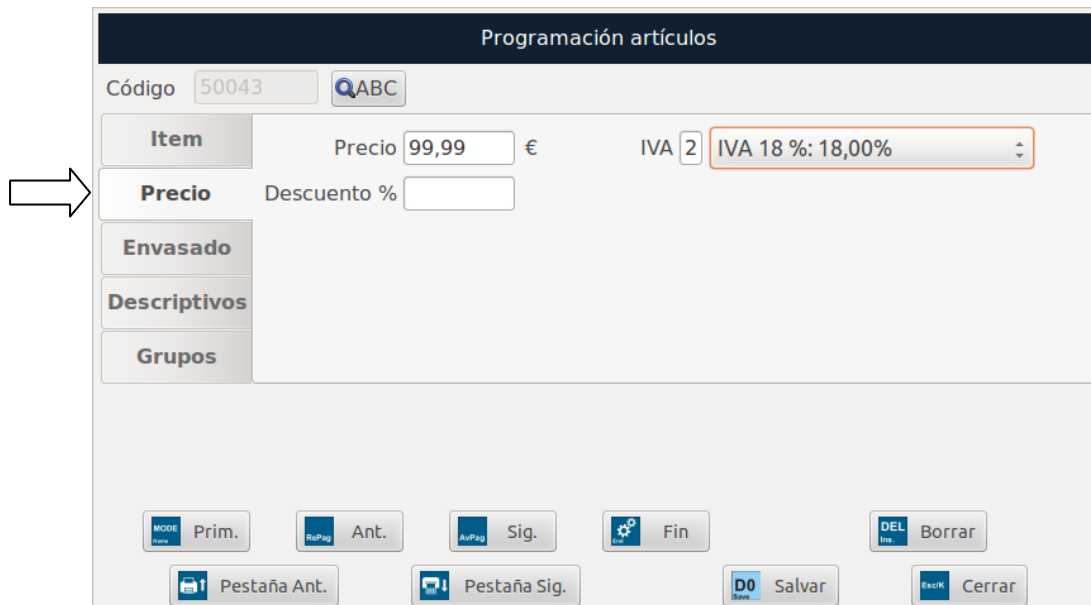
**Counter;** it is necessary to programme it if the access is done or has been set-up through Plu.

**PLU Number;** it is necessary to set-up whether the access will be done through Plu.

Pressing  the user accesses the Price tab, where the price, discount and the VAT type is set-up.

With  the user moves through the different fields to be programmed.


In order to select the VAT, the user has to locate the VAT field, and with the up and down keys, select the value (a previously set-up value)





## Definition of available fields for price.

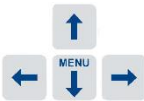

Field	Type of Data	VALOR minimu m	VALOR maximu m	Size	Description
Prices	Numeric	0	9999.99	6	Sale price
VAT	Numeric	0	9	1	Type of VAT to apply to the item
Discount %	Numeric	0	99.9	3	Type of discount to apply to the item



Pressing  the user will go to the Packaging tab, where he can find the specific set-up of the packaging information for that item.

With  the user moves through the different fields to be set-up.

By pressing the key  while the user is on the Label field, he will see a list of the available label formats in the scale.

With  and later  the user can select the label format he desires.

## Definition of available fields for packaging.

<u>Field</u>	<u>Type of Data</u>	<u>VALOR</u> <u>minimu</u> <u>m</u>	<u>VALOR</u> <u>maximu</u> <u>m</u>	<u>Size</u>	<u>Description</u>
Expiry date	Numeric	0	999	3	Expiry date
Preferred consumption	Numeric	0	999	3	Preferred consumption days
Tare weight	Numeric	0	2/3 full scale	5	Only for items sold by WEIGHT
Label	Text				Label file name assigned to the item.
EAN13 Print	Alphanumeric	EAN-13			Code EAN-13 to print labels if programmed
Mixed	With checked box, the item works in mixed mode (the price is calculated per amount introduced)				
Mixed Weight	Numeric	0	Full scale	5	Only for Mixed sale items




Pressing  the user goes to the Item description tab.

- In "Descriptive 1, 2, 3, 4 y 5" up to 100 characters can be programmed.
- For "Long descriptions", the user can programme up to 1000 characters.




With  the user moves through the different fields to be programmed.




Pressing  the user goes to the Groups tab, where the groups or families the article belongs to are set-up

(**Quality group**: it allows the user to assign a quality logo on the item's hotkey).

With  the user moves through the different fields to be set-up.


### Definition of available fields for Groups.


<u>Field</u>	<u>Type of Data</u>	<u>VALOR</u> <u>minimu</u> <u>m</u>	<u>VALOR</u> <u>maximu</u> <u>m</u>	<u>Size</u>	<u>Description</u>
Category	Numeric	0	99	2	Item category
Part		0	99	2	Item section
Type of sale					Type of sale available for working on
Quality levels	Alphanumeric			8	Group selection for Quality Level

The key  searches for families, sections or levels of quality stored or set-up.

The user can select any of these criteria

with .

Pressing  all set-up data is stored.

Press  as many times as is needed to go back to the work screen.

### 6.3. Item prices.

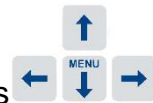
From the "Set-up menu", select the option "Item prices" and press

Intro



Then we can see the item list.

The search is performed by introducing the code with the cursors




To make the search easier, it can be arranged:

- by code; through **D1**
- by name; through **D2**

Búsqueda de artículo 55





Código	Nombre	Precio
51961	Almendras	1,38 €/kg
52617	Lima	0,65 €/kg
53207	Pera de Agua	1,79 €/kg
53463	Escarola	1,69 €/U
53478	Limón Granel	1,44 €/kg
53523	Mandarina Granel	1,29 €/kg
53627	Manzana Verde	1,15 €/U
54789	Manzana Starking	1,45 €/kg
55042	Fresón	2,49 €/kg


**D1** Ord. código    **D2** Ord. nombre    Intro Editar precio    EscK Cancelar


Once the Item has been located, the user presses  and the price will appear on orange background. Then, the user can modify the price he is interested in with the numeric keypad.

Búsqueda de artículo

▼ Código	Nombre	Precio
53523	Mandarina Granel	1,29 €/kg
53627	Manzana Verde	1,15 €/U
54789	Manzana Starking	1,45 €/kg
55042	Fresón	2,49 €/kg
55101	Higos	2,25 €/kg
55160	Moras	1,85 €/kg
55186	Melocotón	1,49 €/kg
55210	Manzana golden	1,89 €/kg
55271	Platano macho	0,99 €/kg

 **Ord. código**   
  **Ord. nombre**   
  **Editar precio**   
  **Cancelar**


Press  again to save changes.

Press  as many times as is needed to go back to the work screen.

## 6.4. Hotkeys set-up

From the "Set-up menu", select the option "Hotkeys set-up" and press .



With  the user moves through the different fields to be programmed.

**Programación teclas PLU**

Grupo  Tabla

Tecla  Artículo

---

Nombre Aceituna verde

Icono FS\_002.png 

Precio 2,15 €  Pesado


**Group;** group of favourite items, (by default 1).


**Table;** table of items (D0 to D4), (by default 0).

**Key;** hotkey number for that item.

**Article;** the item's code number.

The screen will show the data corresponding to the selected item.


Pressing  when on the Item field, a list with the items available will be shown. The user will be able to select the code of the item he wishes to search for, using the numeric keypad.

With  the item is selected.

Búsqueda de artículo

Código	Nombre	Precio	PLU	Familia
55101	Higos	2,25 €/kg	231	
55160	Moras	1,85 €/kg	42	
55186	Melocotón	1,49 €/kg	43	

With  the device saves changes.


Press  as many times as is needed to go back to the work screen.

## 6.5. Sellers set-up

From the "Set-up Menu", select the option "Sellers" and press

Intro




With  the user moves through the different fields.

A screenshot of the 'Programación vendedores' form. It contains the following fields: 'Código' with the value '109' and a search icon; 'Nombre' with the value 'Vendedor 109' and a search icon; 'Clave' (empty); 'Imagen' (empty) with a search icon; 'Mostrador' with the value '1'; and 'Tecla' with the value '9'. At the bottom, there are several buttons: 'MODE Prim.', 'RetPag Ant.', 'AtPag Sig.', 'Fin', 'DEL Borr', 'D0 Salvar', and 'EscK Cerrar'.

**Code;** it will be set-up as MMTT, where MM is the counter number and TT is the key number.

**Name;** name of the seller.


**Password;** the password the seller will use will be set-up when the person is available to start working.

**Image;** picture of the seller. By pressing  while on this field, the user can select (if there are previously uploaded images; the path is: sistema de archivos\home\pcscale\pcscale\resources\icons\item)


**Counter;** counter number assigned to this seller.


**Key;** key number assigned to this seller.

When pressing  while on the Seller field, the user can see a list.


Choose with cursors and select with .

Código	Nombre	Mostrad	Tecla
101	Vendedor 101	1	1
102	Antonio	1	2
103	Sara	1	3
104	Raquel	1	4
105	Pedro	1	5
106	Mercedes	1	6
107	Vendedor 107	1	7
109	Garcia Sanjuan	1	9


Press  to save changes.

Press  as many times as is needed to go back to the work screen.

## 6.6. Counter Set-up.

From the "Set-up Menu", select the option "Counter" and press .



With  the user moves through the different fields.




**Counter Code;** counter number the scale belongs to.

**Name;** counter name.


**Start shift;** when we activate this box, the Turnomatic system is set to zero when saving the programmed date from the counter.


**Description;** counter description.

Pressing  a list is shown.


Select with cursors and press 

Mostrador	
1	Frutas y Verduras
2	carnes selectas


Press  to save changes.

Press  as many times as is needed to go back to the work screen.

## 6.7. Identification Texts Set-up.

From the "Set-up menu", select the option "Identification Texts" and press .



With  the user moves through the different fields.

With the alphanumeric keyboard (hotkeys) the user can set-up the texts.



The screenshot shows a form titled "Textos a Imprimir" with a sidebar on the left containing "Empresa", "Tienda", and "Textos". The "Empresa" section is active, showing the following fields:

Nombre	GRUPO EPELSA S.L.
Descripción	
Tipo de Negocio	
Slogan	
Central	GRACIAS POR SU VISITA
Web	www.grupoepelsa.com

At the bottom of the form, there are four buttons: "Pestaña Ant.", "Pestaña Sig.", "Salvar", and "Cerrar". A white arrow points to the "Empresa" tab in the sidebar.

**Name;** company name

**Description;** description of the company

**Business type;** business type

**Slogan;** company slogan

**Headquarters;** company's headquarters

**Web;** company's URL.



Pressing the user can go to the Store tab, where he can find the texts that will be printed on the tickets' headers as identifiers from the store.



With the user moves through the different fields.

The screenshot shows a web form titled "Textos a Imprimir". On the left, there are three tabs: "Empresa", "Tienda", and "Textos". The "Tienda" tab is currently selected, indicated by a white arrow pointing to it. The form contains the following fields:

- Empresa:** Nombre (K-Scale), Dirección (C/ Punto Net, 3)
- Tienda:** Ciudad (Alcalá de Henares (Madrid))
- Textos:** Teléfono, TIN (B666666666), Web (www.grupoepelsa.com)

At the bottom of the form, there are four buttons: "Pestaña Ant.", "Pestaña Sig.", "D0 Salvar", and "EscX Cerrar".

**Name;** name of the shop.

**Address;** shop's address.

**City;** city where the shop is located.

**Telephone number;** shop's telephone number.

**TIN;** shop's TIN.

**Web:** The shop's web address.





By pressing the user can go to the Texts tab. Here, he can set-up the six-line text that will appear as an inscription at the end of the ticket. (maximum 40 digits per line).




With the user moves through the different fields to be programmed.

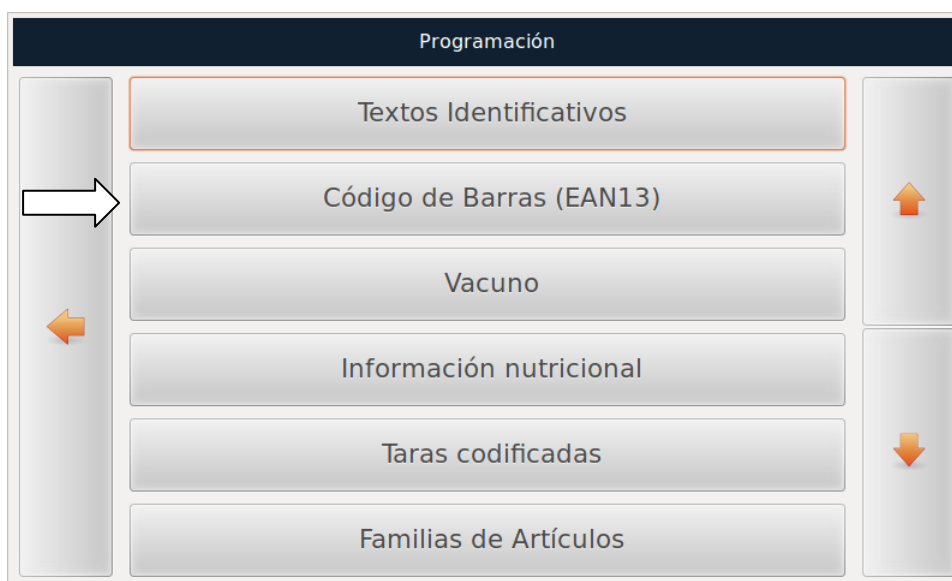
The screenshot shows the same "Textos a Imprimir" form, but now the "Textos" tab is selected, indicated by a white arrow pointing to it. The form contains six text input fields labeled "Texto 1" through "Texto 6". The "Empresa" and "Tienda" tabs are now inactive. The buttons at the bottom remain the same: "Pestaña Ant.", "Pestaña Sig.", "D0 Salvar", and "EscX Cerrar".


Press  to save changes.

Press  as many times as is needed to go back to the work screen.

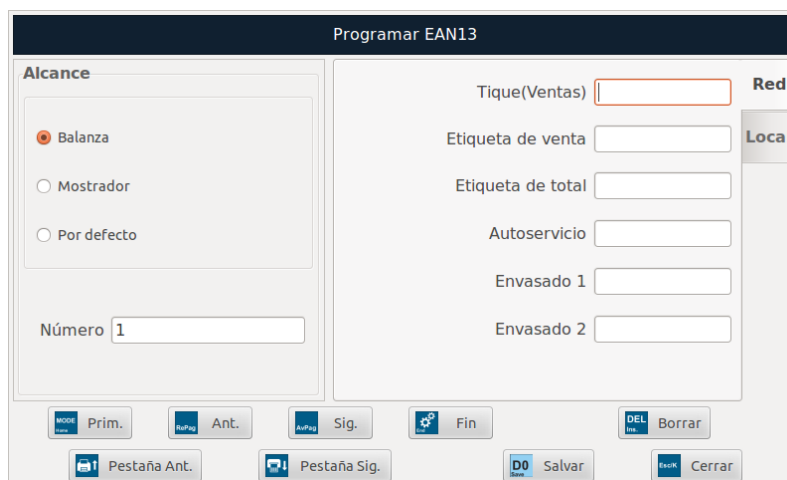
## 6.8. Barcode Set-up (EAN13).

From the "Set-up Menu", select the option "Barcode" and press .



With  the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.



The screenshot shows the "Programar EAN13" form. It has two main sections: "Alcance" and "Red".

**Alcance:**

- Balanza
- Mostrador
- Por defecto
- Número:

**Red:**

- Tique(Ventas):
- Etiqueta de venta:
- Etiqueta de total:
- Autoservicio:
- Envasado 1:
- Envasado 2:

At the bottom, there are several buttons: "MODE", "Prim.", "Ant.", "Sig.", "Fin", "DEL", "Borrar", "Pestaña Ant.", "Pestaña Sig.", "D0", "Salvar", and "Cerrar".

**Scope**, specifies who the barcode intended is for, that is to say:

- Scale, then indicating the name of the scale.
- Counter, then indicating the name of the counter.
- By default, barcodes set-up by default from Grupo Epelsa.

When pressing on Network or Local, to the right of the screen, it is indicated whether the barcodes are going to be used for working together with other devices (Network) or for working without this connection (Local).

With the keys  and  the option is changed.

The barcode is formed by 12 digits of configurable data and 1 digit of check upon which the user does not have access.

**Valid characters**

<b>0..9</b>	<b>Set digits</b>	<b>T</b>	<b>Number of tickets</b>
<b>W</b>	<b>Weight or units of the item</b> (except for Sale/Mixed mode)	<b>V</b>	<b>Seller code</b>
<b>Z</b>	<b>Item's selling price</b>	<b>N</b>	<b>Scale number</b>
<b>i</b>	<b>Item's sale amount</b>	<b>I</b>	<b>Total cost of all operations</b> (ticket or labels with the total amount).
<b>! j</b>	<b>Item's sale cost in local</b> (original) <b>currency.</b>	<b>J</b>	<b>Total cost in all operations</b> (ticket or labels with the total amount) <b>in local</b> (original) <b>currency.</b> (Independent from the Euro's phase)
<b>C</b>	<b>Item code.</b>	<b>Y</b>	<b>Counter number</b>
<b>P</b>	<b>Item's PLU number.</b>		

**Note:** The user must introduce as many consecutive characters as the amount of figures the user wants the field to have. For example, if the user wants the ticket to have five digits, it will be programmed **TTTTT**.

**Example of configuration:**


Set-up: **2VTTTTTIIIIII**


If the seller creates ticket number 56 with the price being 600, the barcode will appear as: 2070056006002.

- 2; fixed value.
- 07; seller.


- 0056; ticket number.
- 00600; cost.
- 2; check digit.

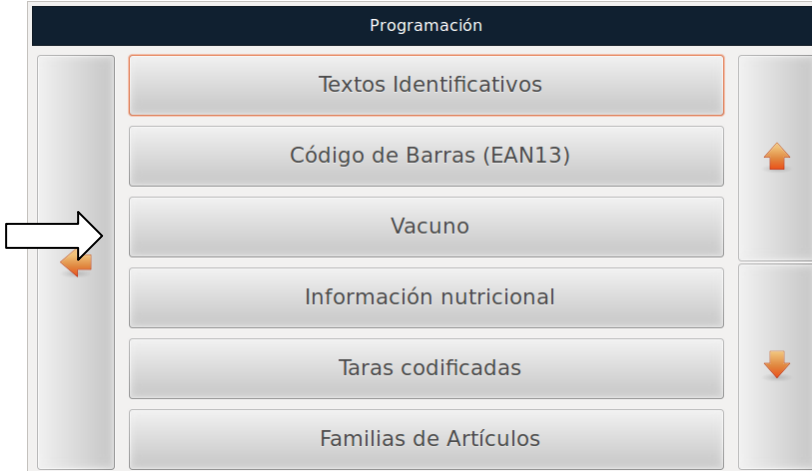
**NOTE:** In the case a specific barcode was not specified for a certain item, the barcode that predominates will be the one set-up for the item itself and not the one set-up in this general menu.


Press  to save changes.

Press  as many times as is needed to go back to the work screen.

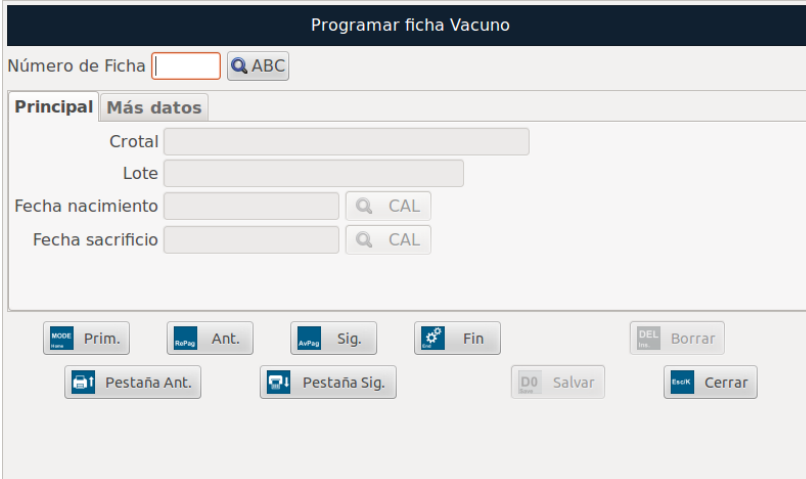
## 6.9. Cattle.

From the "Set-up Menu", select the option "Cattle" and press .






With  the user moves through the different fields.


With the alphanumeric keyboard the user can set-up the data.



There are two options:


- Create the file;
  - A number is introduced in the field "File number", a number that is not associated to any existing file.
  - The user presses , all the fields appear empty in order to be programmed.
- Modify a file already created;
  - Press  when located in the field "File number", the user can see a list of the cattle files already created, being able to select them with the arrows.
  - By pressing , the file data will appear which can be then modified.

Ficha	Crotal	LOTE
3	0001	1

With  the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.


Programar ficha Vacuno


Número de Ficha   ABC






**Principal** Más datos





Crotal

Lote

Fecha nacimiento   CAL

Fecha sacrificio   CAL

 Prim.  Ant.  Sig.  Fin.  Borrar

 Pestaña Ant.  Pestaña Sig.  Salvar  Cerrar

**Ear tag;** ear tag number (30 digits).

**Set;** animal set (20 digits).

**Date of birth;** the animal's date of birth.

**Date of slaughter;** the animal's date of slaughter.



When pressing while on the Date of Birth or Date of Slaughter field, a monthly calendar comes up, so that the user can choose the dates with the keys located in the lower area of the screen.



With the user can set-up the date in the corresponding field.

The screenshot shows a calendar titled "Selección Fecha" for October 2013. The days of the week are listed at the top: lun, mar, mié, jue, vie, sáb, dom. The dates are arranged in a grid. The date 18 is highlighted. Below the calendar are several navigation buttons: "Año Ant.", "Mes Ant.", "Mes Sig.", "Año Sig.", "Día Ant.", "Día Sig.", "D0 Salvar", and "Cerrar".



Pressing the user can access the More Information tab.



Pressing to go through the different fields to be set-up


With the alphanumeric keyboard (hotkeys) the user can set-up the information.

The screenshot shows the "Programar ficha Vacuno" form. At the top, there is a "Número de Ficha" field with the value "3" and a "Q ABC" search icon. Below this are two tabs: "Principal" and "Más datos", with "Más datos" selected. The form contains several fields for birth and slaughter information, each with a "Q ABC" search icon. The fields are: "Nacimiento" (724), "Criado" (724), "Sacrificado" (724), "RSI" (1100), "Despiece" (724), and "RSI" (1100). At the bottom, there are several navigation buttons: "Prim.", "Ant.", "Sig.", "Fin", "Borrar", "Pestaña Ant.", "Pestaña Sig.", "D0 Salvar", and "Cerrar".



**Birth;** country of birth code, when pressing a new table with countries will appear, the user looks for the correct one and selects it by clicking on it




**Breed**; fattening country code, as the option above, when pressing  a new table with countries will appear, the user looks for the correct one and selects it by clicking on it


**Slaughter**; the code of the country where the animal was slaughtered, same steps as the previous sections.

**RSI**; slaughterhouse identification number (30 digits).


**Quartering**; the code of the country where the animal was quartered, same steps as the previous sections.

**RSI**; Id number for the quartering house (30 digits).

Press  to save changes.


Press  as many times as is needed to go back to the work screen.

## 6.10. Nutritional information

From the "Set-up Menu", select the option "Nutritional information" and press .




The screenshot shows a menu titled "Programación" with several options: "Textos Identificativos", "Código de Barras (EAN13)", "Vacuno", "Información nutricional", "Taras codificadas", and "Families de Artículos". The "Información nutricional" option is highlighted with a white arrow pointing to it from the left. There are also orange arrows on the right side of the menu, indicating navigation between items.

With  the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.

There are two options:

- **Create the file;**
  - A number is introduced in the field "Identification", a number that is not associated to any existing file.
  - The user presses , all the fields appear empty in order to be programmed.

**Información nutricional**

Identificación   \* La información nutricional debe incluir estos campos

Base Vitaminas Minerales

100 g porción

Peso por porción \*  g

valor energético \*   kJ

valor energético \*   kcal

**grasas**

total \*   g

saturadas \*   g

monoinsaturadas   g

poliinsaturadas   g

100 g porción

fibra alimentaria   g

proteínas \*   g

sal \*   g

**hidratos de carbono**

total \*   g


azúcares \*   g

polialcoholes   g

almidón   g


NOTE: the fields that have the star (\*) after the description are obligatory and must be set-up.

• Modify a file already created;

- Press  when located in the field "Identification", the user can see a list of the nutritional information files already created, being able to select them with the arrows.

Identificación

Código	porción	valor energético	grasas	(HDC)	proteínas	sal
22	100 g	10 kJ - 15 kcal	6 g	25 g	20 g	25 g

- By pressing , the file data will appear which can be then modified.

**Información nutricional**

Identificación   \* La información nutricional debe incluir estos campos

Base Vitaminas Minerales

100 g porción

Peso por porción \*  g

valor energético \*   kJ

valor energético \*   kcal

**grasas**

total \*   g

saturadas \*   g

monoinsaturadas   g

poliinsaturadas   g

100 g porción

fibra alimentaria   g

proteínas \*   g

sal \*   g

**hidratos de carbono**

total \*   g


azúcares \*   g


polialcoholes   g

almidón   g

K-scale incorporates nutritional information on the label. It provides information about many food items as well as the product's nutrient contents. This content is expressed for 100 grams or 100 millilitres per product, although this can also be displayed per portion. The information about energy value and nutrients is:

- Energy value.
- Proteins.
- Carbohydrates.
- Fat.
- Fibre.
- Vitamins and minerals.

Pressing  the user can access the More Information tab.

Pressing  to go through the different fields to be set-up

With the alphanumeric keyboard (hotkeys) the user can set-up the information.

**Información nutricional**

Identificación   \* La información nutricional debe incluir estos campos

Base **Vitaminas** Minerales

100 g porción		100 g porción	
Vitamina A	<input type="text" value="20"/> <input type="text" value="100"/>	Niacina	<input type="text"/> <input type="text"/>
Vitamina D	<input type="text" value="58"/> <input type="text" value="123"/>	Vitamina B6	<input type="text"/> <input type="text"/>
Vitamina E	<input type="text"/> <input type="text"/>	Ácido fólico	<input type="text"/> <input type="text"/>
Vitamina K	<input type="text"/> <input type="text"/>	Vitamina B12	<input type="text" value="25"/> <input type="text" value="100"/>
Vitamina C	<input type="text"/> <input type="text"/>	Biotina	<input type="text"/> <input type="text"/>
Tiamina	<input type="text"/> <input type="text"/>	Ácido pantoténico	<input type="text"/> <input type="text"/>
Riboflavina	<input type="text"/> <input type="text"/>		



**Información nutricional**

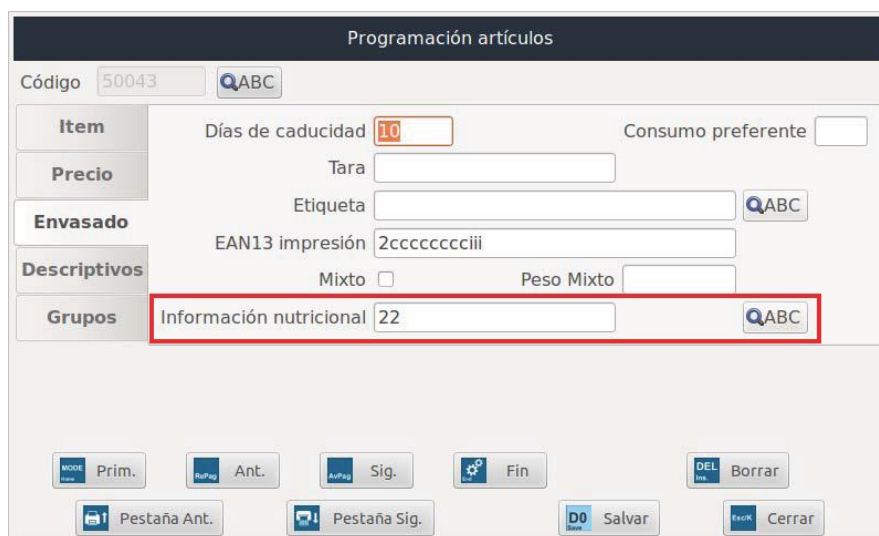
Identificación   \* La información nutricional debe incluir estos campos


Base **Vitaminas** Minerales


100 g porción		100 g porción	
Potasio	<input type="text"/> <input type="text"/>	Cobre	<input type="text"/> <input type="text"/>
Cloro	<input type="text"/> <input type="text"/>	Manganeso	<input type="text"/> <input type="text"/>
Calcio	<input type="text"/> <input type="text"/>	Flúor	<input type="text"/> <input type="text"/>
Fósforo	<input type="text" value="200"/> <input type="text" value="1000"/>	Selenio	<input type="text"/> <input type="text"/>
Magnesio	<input type="text"/> <input type="text"/>	Cromo	<input type="text"/> <input type="text"/>
Hierro	<input type="text"/> <input type="text"/>	Molibdeno	<input type="text"/> <input type="text"/>
Zinc	<input type="text" value="3"/> <input type="text" value="200"/>	Yodo	<input type="text"/> <input type="text"/>

NOTE: For the nutritional information to be printed in the label, the user has to activate this option from the item set-up menu in the Packaging section:


Using , the user places the option on Nutritional information, and when pressing  it will search for the files created, selecting the one the user is interested in.

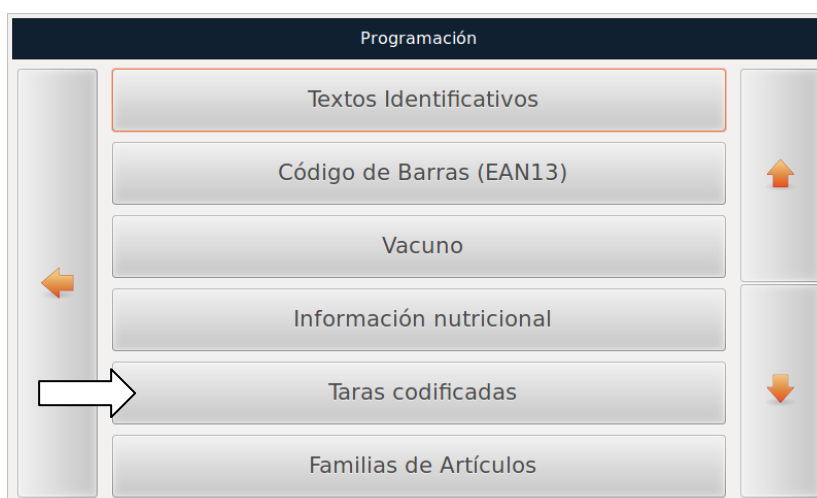



Press  to save changes.

Press  as many times as is needed to go back to the work screen.

### 6.11. Codified Tare weight.

From the "Set-up Menu", select the option "Nutritional information" and press .




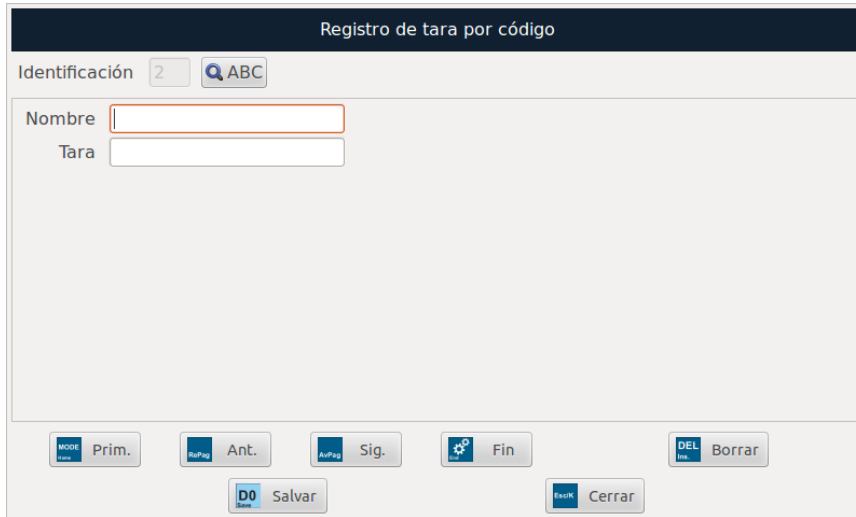
With  the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.


There are two options, create or modify Tare weight:

- Create Tare weight:

- A number is introduced in the field "Identification", a number that is not associated to any existing tare weight.
- The user presses , all the fields appear empty in order to be programmed.





Registro de tara por código

Identificación 2  ABC

Nombre

Tara


MODE Prim. Ant. Sig. Fin DEL Borrar

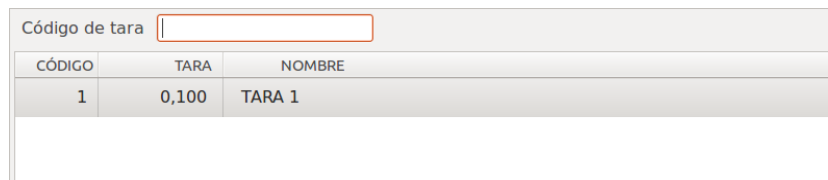
 Salvar  Cerrar

**Name;** name of the tare weight.

**Tare weight;** weight in kg.


- Modify existing tare weight:

- Pressing  when located in the field "Tare weight code", the user can see a list of the tare weight entries already created, being able to select them with the arrows.



Código de tara

CÓDIGO	TARA	NOMBRE
1	0,100	TARA 1

- By pressing , the data will appear which can be then modified.



Registro de tara por código


Identificación 1  ABC


Nombre TARA 1

Tara 0,100

MODE Prim. Ant. Sig. Fin DEL Borrar

 Salvar  Cerrar

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

## 6.12. *Items categories:*

From the "Set-up Menu", select the option "Items categories" and press .



The screenshot shows a menu titled "Programación" with six options: "Textos Identificativos", "Código de Barras (EAN13)", "Vacuno", "Información nutricional", "Taras codificadas", and "Familias de Artículos". A red box highlights "Textos Identificativos". A white arrow points to the left side of the menu, and a white arrow points to the bottom of the menu. On the right side, there are orange arrows pointing up and down, indicating navigation between items.


With  the user moves through the different fields.

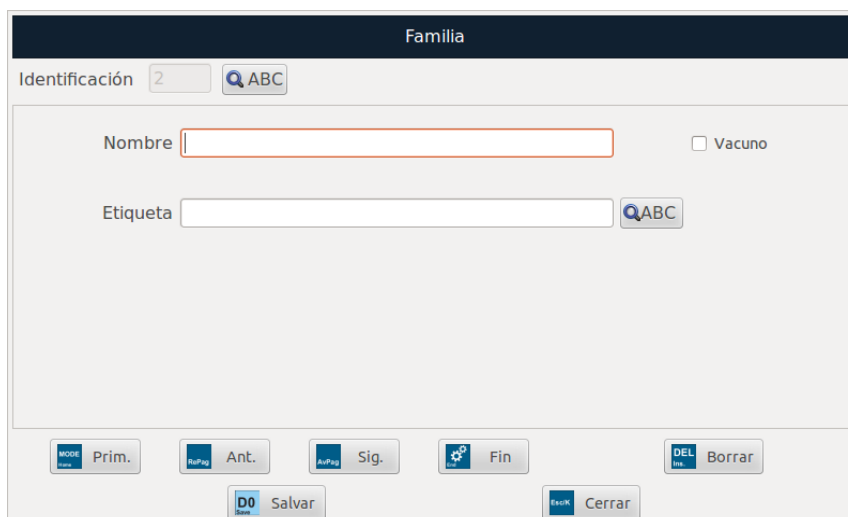
With the alphanumeric keyboard the user can set-up the data.

There are two options, create or modify Item category:

- Create new Items category;

- A number is introduced in the field "Identification", a number that is not associated to any existing category.

- When the user presses , all the fields appear empty in order to be programmed.




The screenshot shows a form titled "Familia". At the top, there is a field "Identificación" with the value "2" and a search icon "Q ABC". Below this, there is a "Nombre" field with a red border, a "Vacuno" checkbox, and an "Etiqueta" field with a search icon "Q ABC". At the bottom, there are several navigation buttons: "Prim.", "Ant.", "Sig.", "Fin", "Borrar", "D0 Salvar", and "Cerrar".

**Name;** name of the category.


**Cattle;** if it is checked, the category will be cattle.

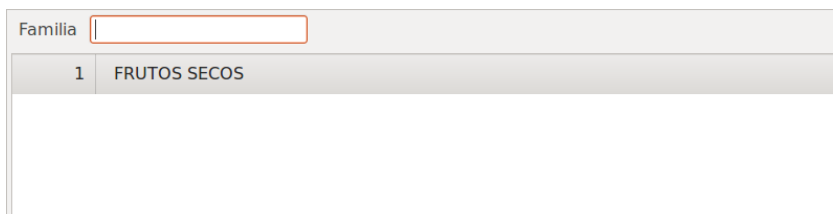
**Label:** Default label for that category.


Press  to access the “Label format selection” screen:

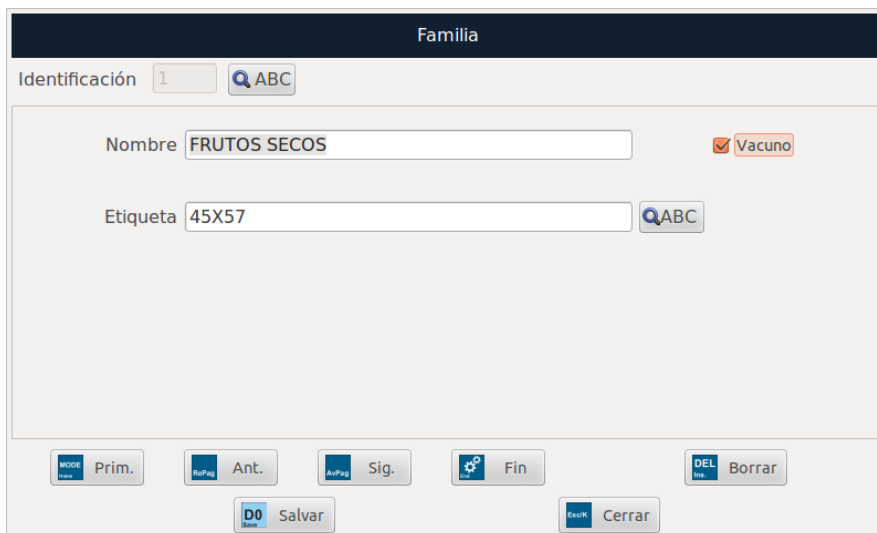



- Modify existing Item Category;

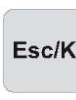
- By pressing  when located in the field "Category", the user can see a list of categories already created, being able to select them with the arrows.




- By pressing , the data will appear which can be then modified.




Press  to save changes.

Press  as many times as is needed to go back to the work screen.

### 6.13. Item sections:


From the "Set-up Menu", select the option "Item Sections" and press .



With  the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.


There are two options, create or modify Item sections:

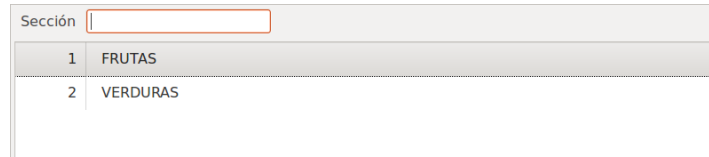
- Create new Item sections;
  - A number is introduced in the field "Identification", a number that is not associated to any existing section.
  - The user presses , all the fields appear empty in order to be programmed.

**Name;** name of the section.




- Modify existing Item Sections:

- By pressing  when located in the field "Section", the user can see a list of sections already created, being able to select them with the arrows.



Sección

1	FRUTAS
2	VERDURAS

- By pressing , the data will appear, to be then modified.





Registro sección

Identificación 2


Nombre

Prim. Ant. Sig. Fin. DEL Borr. D0 Salvar Cerrar

Press  to save changes.

Press  as many times as is needed to go back to the work screen.



## 6.14. VAT


From the "Set-up Menu", select the option "VAT" and press .



Programación

- Familias de Artículos
- Secciones de Artículos
- IVA**
- Clientes
- Formas de pago
- Nivel de Calidad

With the navigation keys     located on the lower section of the screen, the user can move through the different VAT already set-up.

With  the user moves through the different fields.


With the alphanumeric keyboard the user can set-up the data.


**Identification;** VAT type number. (Programmable from 0.....9)

**Name;** VAT type name.


**Percentage;** a certain percent for the VAT type.

**Use for price sales;** with the box checked (it can only be checked for a type of VAT); it will be the type of VAT used by default for all price sales. With the box unchecked, this will only be applied to items to be programmed.

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

## 6.15. Clients.

From the "Set-up Menu", select the option "Clients" and press .




With the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.

There are two options, create or modify Clients:

- Create a new Client;

- A number is introduced in the field "TIN", a number that is not associated to any existing client.
- The user presses , all the fields appear empty in order to be programmed.

**Name;** the name of the client.


**Address;** shop's address.

**City;** city where the client is located.


**Telephone number;** the client's telephone number.

**Web;** the client's webpage.

- Modify existing client;

- By pressing  when located in the field "TIN", the user can see a list of clients already created, being able to select them with the arrows.

TIN	NOMBRE
1	CLIENTE UNO
2	CLIENTE DOS

- By pressing , the data will appear which can be then modified.

**Registro Cliente**

TIN


Nombre


Dirección

Ciudad

Teléfono

Web

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

## 6.16. *Payment methods*

From the "Set-up Menu", select the option "Payment methods" and press .

**Programación**

Familias de Artículos

Secciones de Artículos 


IVA 

Clientes

Formas de pago 

Nivel de Calidad





With  the user moves through the different fields.


With the alphanumeric keyboard the user can set-up the data.

ID	Nombre	Estado
0	EFFECTIVO	<input checked="" type="checkbox"/> En uso
1	T.CREDITO	<input checked="" type="checkbox"/> En uso
2	CHEQUE	<input checked="" type="checkbox"/> En uso
3	Cheques Regalo	<input checked="" type="checkbox"/> En uso
4	PAYMETHOD4	<input type="checkbox"/> En uso
5	PAYMETHOD5	<input type="checkbox"/> En uso
6	PAYMETHOD6	<input type="checkbox"/> En uso


There are three default payment options (factory settings), and four new ones can be programmed, by inserting the payment method name in the corresponding field.


With the key  the user can enable/disable the selected payment option.

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

### 6.17. Quality levels Set-up.


From the "Set-up Menu", select the option "Quality level" and press .

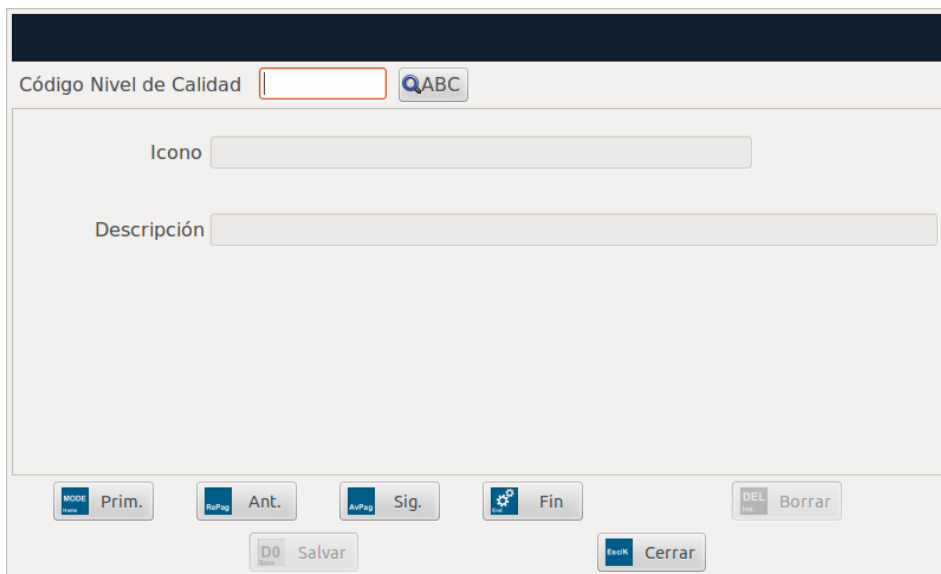
With  the user moves through the different fields.

With the alphanumeric keyboard the user can set-up the data.

There are two options, create or modify a Quality level:

- Create new Quality level;

- A number is introduced in the field "Quality level code", a number that is not associated to any existing client.
- When the user presses , all the fields appear empty in order to be programmed.




The Quality level for the products is used for, besides illustrating the item's picture, assign an "extra" icon which indicates a special characteristic of the product, for example "Gluten free".

**Icon;** name of the Icon's file.


**Description;** text about the level.

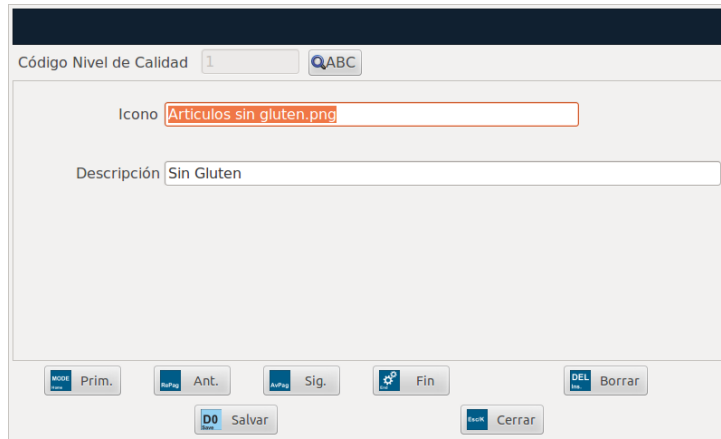
- Modify an existing Quality level;

- By pressing  when located in the field "Quality level code", the user can see a list of the Quality level entries already created, being able to select them with the arrows.



Descripción:	
1	Articulos sin gluten.png
2	Del arbol a la mesa.png

- By pressing , the data will appear which can be then modified.



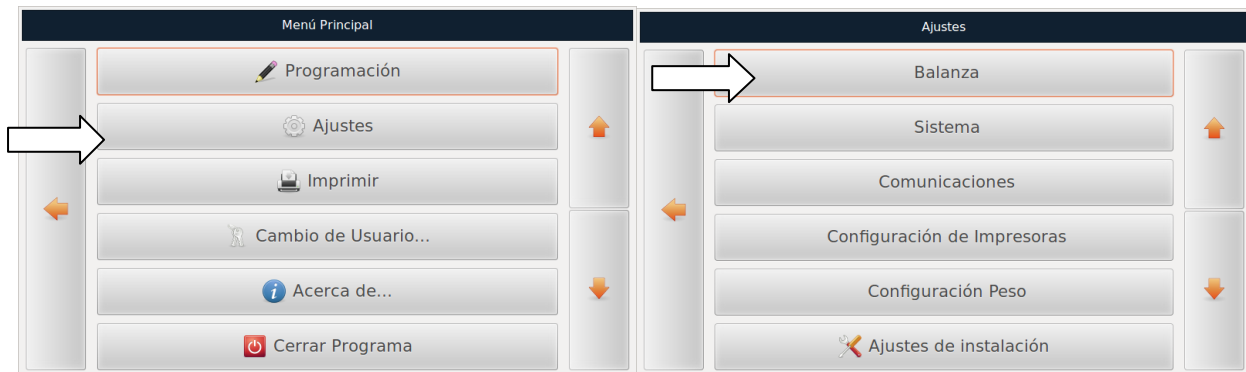
Press **D0** Save to save changes.

Press **Esc/K** as many times as is needed to go back to the work screen.

## 7. SETTINGS.

### 7.1. Accessing the Settings Menu.

From the "Main Menu", select the option "Settings" and press **Intro**.



### 7.2. Accessing the Scale Menu.


From the "Setting Menu", select the option "Scale" and press **Intro**.




## 7.2.1. Scale Settings.

From the "Scale Menu", select the option "Scale Settings" and press .



With  the user moves through the different fields.



The screenshot shows the "Ajustes Balanza" form with the following fields:

Número de Balanza	<input type="text"/>
Mostrador	<input type="text" value="1"/>
Grupo de Tablas	<input type="text" value="1"/>
Grupo PLU más usados	<input type="text" value="1"/>
Número de factura	<input type="text" value="1300101"/> <input type="text" value="46"/>

At the bottom of the form, there are two buttons: "D0 Salvar" and "EscR Cerrar".

**Scale number;** identification number for the scale.

**Counter;** identification number for the counter the scale is at.

**Table Group;** tables for grouping the PLUS hotkeys.

**Frequently used PLU Groups;** the most frequently used PLU groups.

**Invoice Number;** it has two parts, serial invoice No. and Invoice No.

- **1300101** (two digits for the year, three digits for set-up serial, two digits for scale number).
- **46** (six digits for correlative invoice number).





Header with the ticket's general data.

K-Scale  
 C/ Punto Net, 3  
 Alcalá de Henares (Madrid)  
 B666666666  
 www.grupoepelsa.com  
**Frutas y Verduras**

Information about the simplified invoice's issuing company.

Factura simplificada  
 13001010068  
 Consumidor final  
 NIF 999999999  
 NIF cliente: 3  
 CLIENTE 3  
 C/ Laguna 18  
 Alicante  
 www.....com  
 TIN: 1 12/12/13  
 Balanza: 00 11:56

Simplified invoice number: YYSSBB-TTTTTT

Information about the client receiving the simplified invoice.



Press **D0** to save changes.

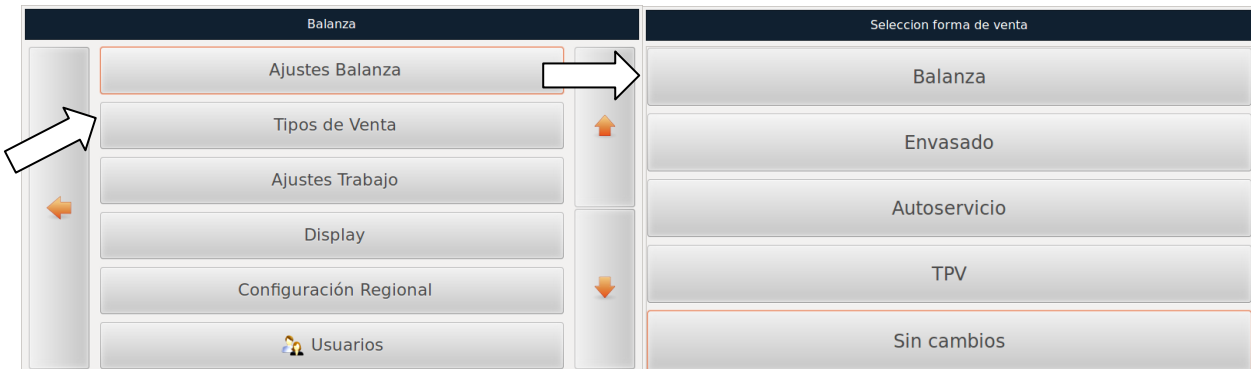


Press **Esc/K** as many times as is needed to go back to the work screen.

### 7.2.2. Types of Sale.



From the "Set-up Menu", select the option "Types of Sale" and press **Intro**.



With  and  select the scale's work mode:

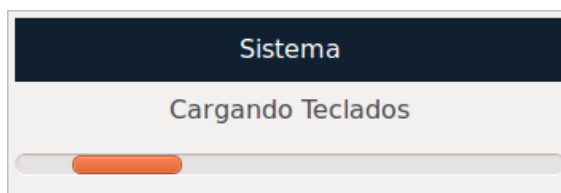
**Scale;** several additions of operations are performed with the help of a seller. A ticket is printed with all performed operations.

**Packaging;** A seller is previously selected, as well as the item to be labelled. Every time the weight placed on the plate changes, a new packaging label is printed.


**POS;** In order to start working the user has to previously select a seller, then select the item and place the weight on the plate. The operation then is performed automatically. When the process is finished, a ticket is printed with all performed operations.

**No changes;** It allows the user to exit the option without making any changes to it.

When selecting the new work mode, the following image pops up.



When the keyboards are loaded, the Scale screen is shown again.

Press  as many times as is needed to go back to the work screen.

### 7.2.3. Work Settings.

From the "Scale Menu", select the option "Work Settings" and press .




Then, with  the user selects the different fields



**User for Menu Access;** with the box checked, only the users with the corresponding permission will be able to access this menu.


- Balanza
- Envasado
- TPV

**Mode Change;** select the sale mode to be configured\_\_\_\_\_.

**Configure;** when pressing  the user can configure the selected sale mode.

### 7.2.3.1. Scale Mode Configuration (Sale).



With  the user moves through the different fields.

**Print ticket;** with the box checked, the user can print the ticket with the total sales.

**Print Total Label;** with the box checked, the user can print the total sales label.

**Print label by transaction;** with the box checked, the user can print one label for every sale performed.

**POS Mode and Self-fixed code;** with a checked box, the POS option is activated in this work mode.

**Enable price settings;** the device stores, during set-up, any change in price once the item to be sold is selected.

**Close after selling;** with the box checked, the ticket is automatically closed after each sale.

**Local ticket start-up;**

- OPEN NEW: if the scale is in local mode, a new ticket will be created with that local operation.
- UNAVAILABLE; the emission of local tickets is not available.
- COPY NETWORK; Creates a copy of the ticket on the network.
- ALWAYS ASK; if the scale is in local mode, it will ask the user for instructions.
- CONNECT TO NETWORK; if the scale goes to local mode, it will ask the user whether it should connect to the network.

**Discount on total amount;** if the box is checked, it discounts a certain value from the total amount in the ticket.

**Client;** if the box is checked, the user can assign a client to the ticket.

**Allow orders;** if the box is checked, the device allows for orders.

**Payment methods;**

- NOTHING: no payment method is allowed.
- CHANGE: only the change function is allowed (Cash sale).
- PAYMENT METHODS: besides cash, it allows for different types of payment methods.

**Allow cost 0;** if the box is checked, the user can issue tickets with a value of 0.

**Reload ticket;** if the box is checked, the user can reload tickets.



**Cancel ticket;** if the box is checked, the user can cancel tickets.

**No. of reprints;** it allows the user to select the maximum number of allowed reprints (0, 1, 2, 3, 4, 5, 6, 7, 8, 9 or 250).

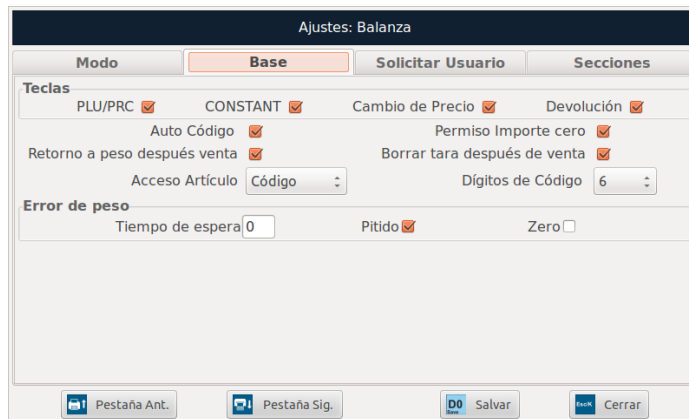
**Create seller for new keys;** if this option is activated, the user can allow the seller to start working automatically. If the option is disabled, it will request a code and a password to the seller.





**Customer service;** with this option activated, the user can control the time elapsing from the moment the client is welcomed to the time the sale is closed. This option is not active in standard versions. For more information, contact Grupo Epelsa.



Pressing  the user can move to the Base tab. With  the user moves through the different fields.





**Keys;** enables/disables the keys , ,  and .

**Code completion;** when this option is enabled, the scale tries to complete the code that are being introduced using the keyboard, as it usually happens in mobile phones.

**Return to weight after sale;** if this option is enabled, the scale will return to weight mode automatically after performing an operation.



**Zero cost permission;** when this option is activated, the scale allows items to be stored without a sale price. When using those items, the scale will ask for a price.

**Delete after sale;** when this option is enabled, the tare weight is automatically deleted once the sale is closed.


**Access to item;** with this option, the user can select the way in which he wants to name the item when in work mode. The options are by PLU or by Code.

**Code digits;** with this option the user can select the number of digits the item's code must have (from 3 to 6 digits).



**Weight error;** in the event of the scale having a weight error, the user will be able to indicate with this option the waiting time before an error message appears. If the sound option is enabled, a sound will be heard once that waiting time has finished. If the Zero is activated after the error sound, the scale will try to perform an auto-zero.

Pressing  the user can move to the Base tab. With  the user moves through the different fields.



**Access to Mode;** if the box is checked, the username and password will be requested when accessing with the key , i.e., only those authorised users will have access to the mode menu.

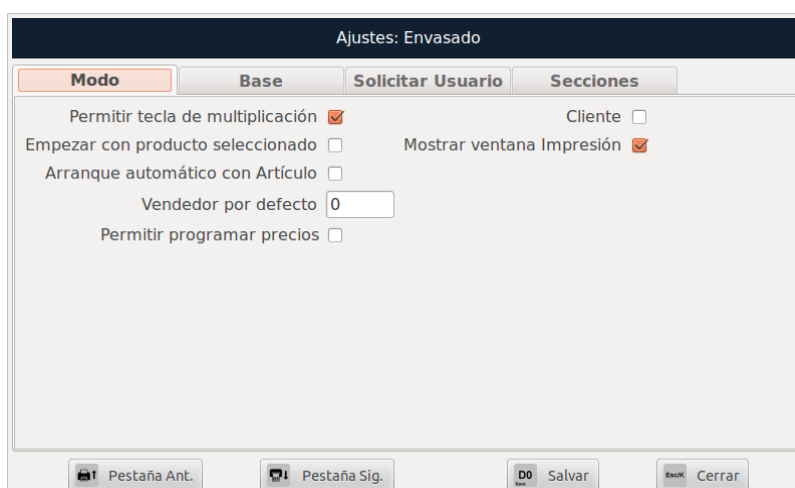
**Mode Selection;** when the box is checked, only the authorised users will be able to select the work mode. The system will ask for a username and password when the user selects the work mode where the "Mode Selection" tab is active.

Pressing  the user can move to the Base tab. With  the user moves through the different fields.



With this screen, the user can filter the items on the scale by sections. We select, from the drop-down menu, the sections that the user has created, and with the keys [+], the user can add items to that section. With the delete key, we eliminate the filter from the list below.

### 7.2.3.2. Packaging mode Configuration.



**Allow multiplication key;** it enables the multiplication key for light products.

**Start with selected product;** before starting with the packaging, the item search screen appears so that the user can choose the article he wants to start working with.



**Automatic Start-up with Item;** without pressing , the device goes into packaging mode when selecting the product.

**Default seller;** the user can select the seller code the scale works with by default or leaving the box in zero, the scale requests the seller to start using the packaging mode.

**Enable price settings;** the device can store, while programming the item, the change in price, once the article to be sold is selected..

**Client;** if the box is checked, the client can be included.

**Show printing window;** if the box is checked, the printing screen is shown.



Pressing  the user can move to the Base tab. With  the user moves through the different fields.

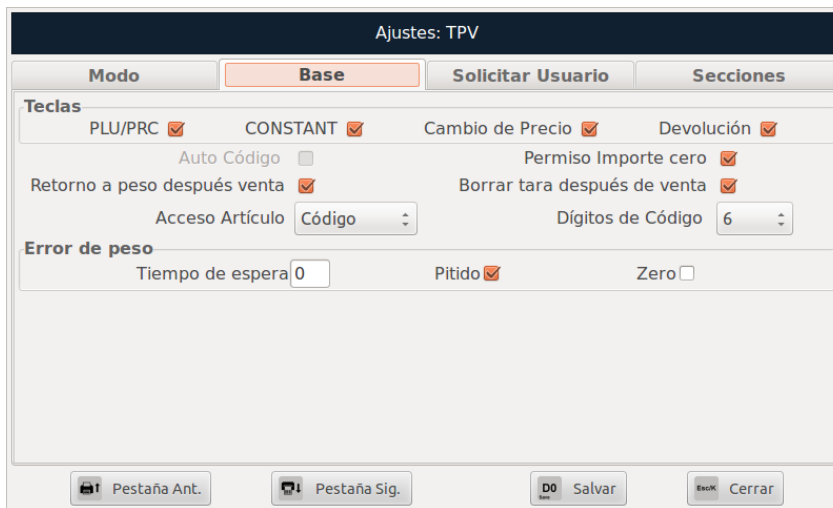
**Allow Combined PLU:** If we activate this option we can calculate the price if we pack items with the same weight and cost.

NOTE: all the other information to be configured in the Base tab, request user and sections, are the same items which have been explained before (on Sale mode).


### 7.2.3.3. POS mode Configuration.


This work mode differs from the previous ones because in the Mode tab, the boxes of POS Mode and Self-fixed code are activated.

Pressing  the user can move to the Base tab. With  the user moves through the different fields.




NOTE: all the information to be configured in the "Base" tab, "request user" and "sections", are the same items which have been explained before (Sale mode).


Press  to save changes.

Press  as many times as is needed to go back to the work screen.

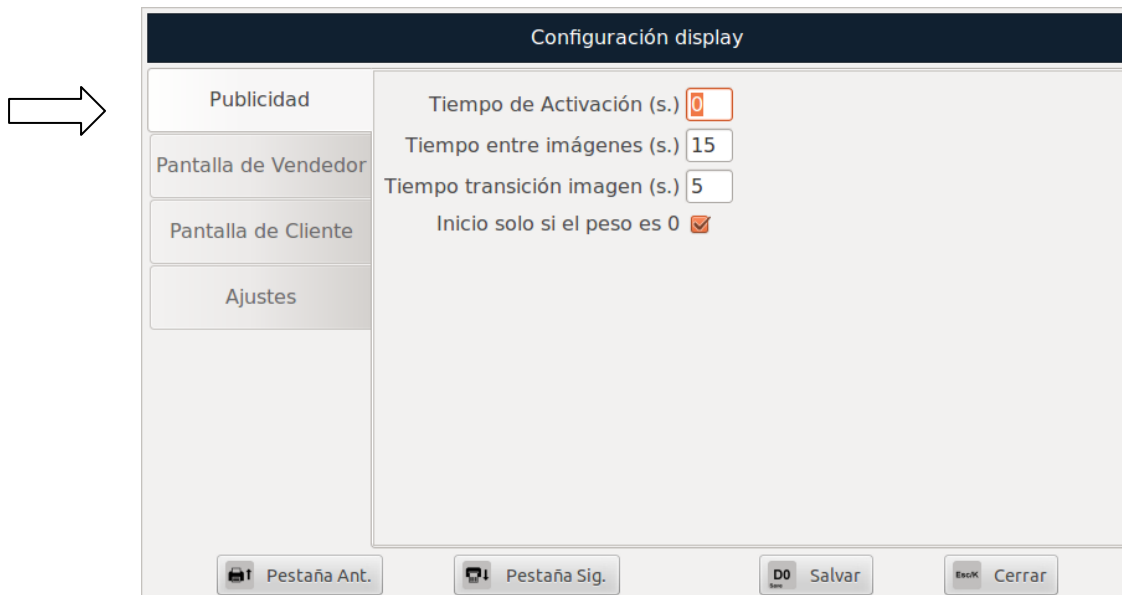
### 7.2.4. Display (Advertisement, Screen).

From the "Scale Menu", select the option "Display" and press .



With  the user moves through the different fields.







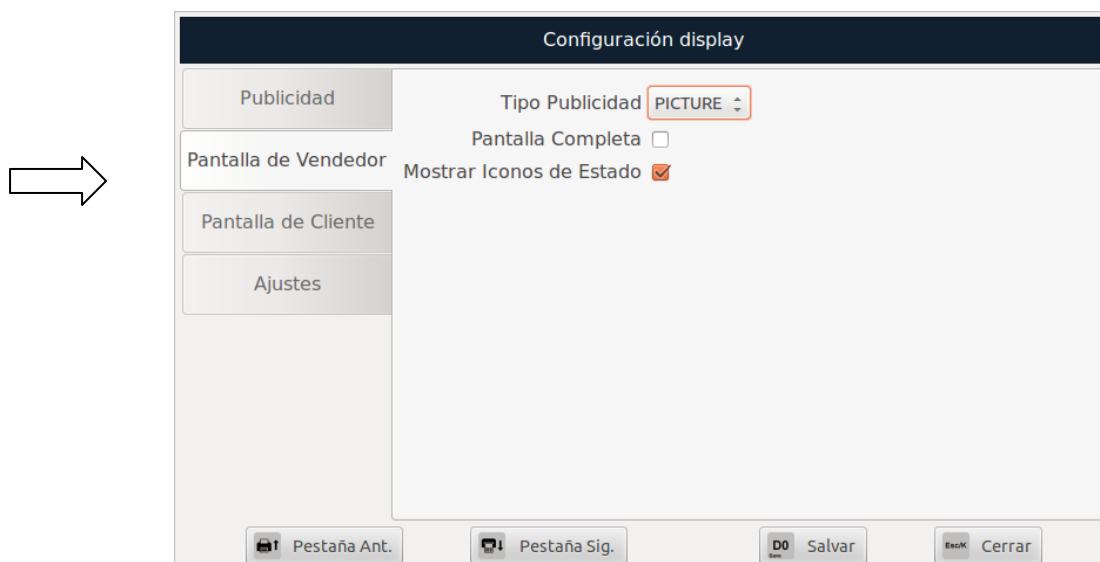
**Activation time (s.);** seconds elapsed for the beginning of the advertisement.

**Time between images (s.);** seconds between images.

**Image transition time (s.);** seconds elapsed for the transition of images.

**Start only if weight is 0;** If the box is ticked, the advertisement only works if there is no weight on the plate.

Pressing  the user can change tabs. With  the user moves through the different fields.





**Type of advertising:**

- NOTHING; no advertising.
- PICTURE; set of images.
- VIDEO; publication with video.

**Full screen;** when the box is checked, the advertisement is shown in full screen.

**Show Status Icons;** if the box is checked, the user can see status icons (Weight, Network, Printer, Labeller).

Pressing  the user can change tabs. With  the user moves through the different fields.



**Type of advertising:**

- NOTHING; no advertising.
- PICTURE; set of images.
- VIDEO; publication with video.

**Full screen;** when the box is checked, the advertisement is shown in full screen.


**Show forms:** when the box is checked, the forms will be shown on the client's screen.


Pressing  the user can change tabs. With  the user moves through the different fields.




**Return to Home screen (s.);** seconds that must elapse without any activity, so that the device returns to the home page.

**Note:** The scale sequentially shows the images or videos contained in the folder: *sistema de archivos\home\pcscale\pcscale\resources\publi*

Press  to save changes.



Press  as many times as is needed to go back to the work screen.

### 7.2.5. Regional Configuration (date and time).


From the "Scale Menu", select the option "Regional Configuration" and press .



By pressing on the information to be modified and using the tab keys (up and down), the user can increase or decrease the value of the digit to be modified.

Press  to store changes,  to exit date and time.

Fecha y Hora de sistema		
Día	Mes	Año
21	11	2013
Hora	Minutos	Segundos
15	09	04

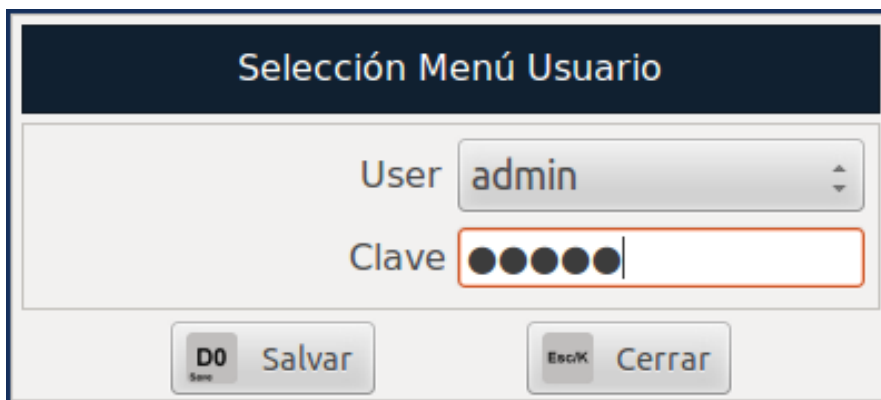
Press  as many time as needed to go back to the work screen.


### 7.2.6. Users.

From the "Scale Menu", select the option "User" and press .





### 7.2.6.1. Change user.



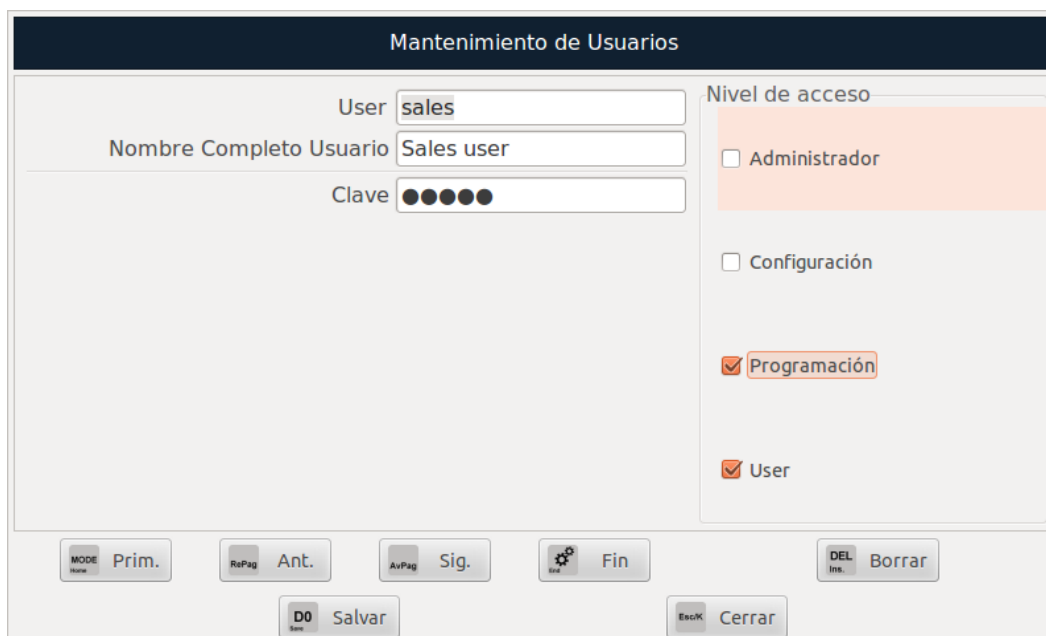
With  the user moves through the different fields to be set-up. Within the User field, there is a selection of users already created. These are users used in the following work modes: Sales, Packaging, Self Service. Besides, there is also the Administrator user. Pressing on the desired user, it will be selected.

- admin
- packet
- sales
- sservice





Introduce his password and press  to change user. Once this is done, the permissions for that user will become available

Press  as many times as is needed to go back to the work screen.

### 7.2.6.2. Maintenance of Users.



In this menu, we can configure permissions, passwords and Usernames.

With     the user moves through the different users to configure.


Options:


**User;** reduced username.

**User's complete name;** the complete name of the user.

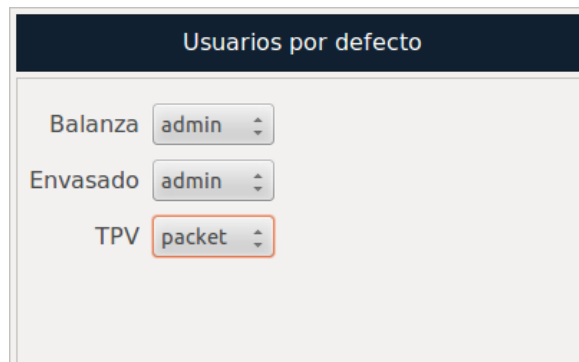
**Password;** user's password.

**Access levels;** it assigns permission levels to the different programme systems.


Press  to save changes.


Press  as many times as is needed to go back to the work screen.


### 7.2.6.3. Default user selection.



From this option we can select the user that the scale will utilise by default for the different work modes.

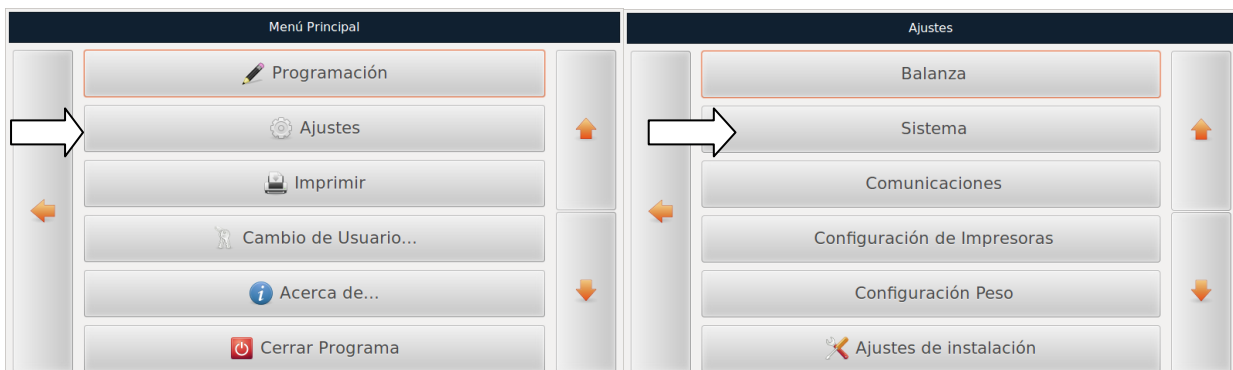
With  the user moves through the different fields to be set-up.

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

## 7.3. Accessing the Settings Menu.

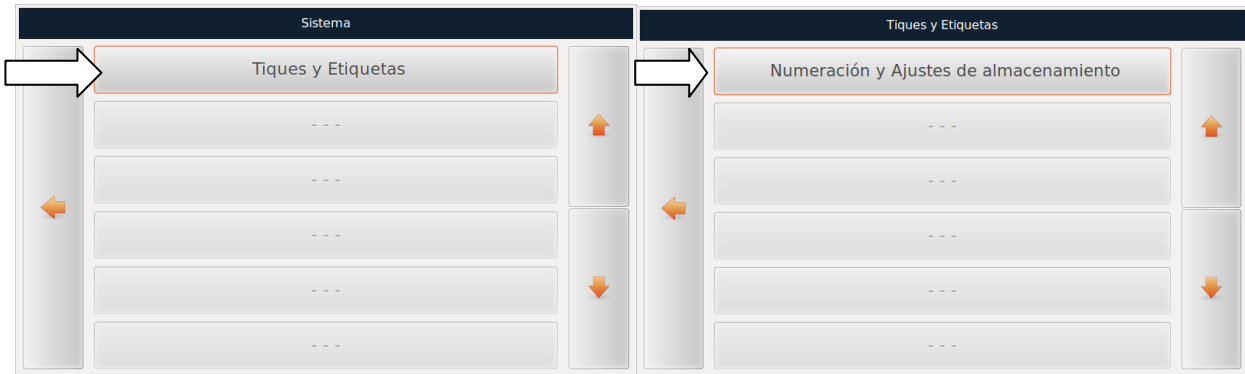
From the "Setting Menu", select the option "System" and press



### 7.3.1. Tickets and labels.

Intro


From the "System Menu", select the option "Tickets and Labels" and press



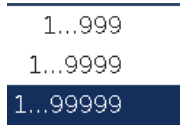
After selecting "Storage Numbering and Settings". With this option we select the way to number scale tickets. This option is available for all scales in the system.

A screenshot of the 'Numeración y Ajustes de almacenamiento' configuration screen. The 'Balanza' tab is selected. The 'Numeración' field is set to '1...999'. The 'Tipo' is 'Balanza'. The 'Copia local' checkbox is checked. The 'Factura' field is set to '1...9999'. The 'Borrar totales al iniciar' checkbox is checked. The 'Borrar' section has 'Mas antiguo de' set to '5' días and 'Reiniciar numeración después del borrado?' is unchecked. At the bottom, there are buttons for 'Pestaña Ant.', 'Pestaña Sig.', 'D0 Salvar', and 'EscX Cerrar'.A screenshot of the 'Numeración y Ajustes de almacenamiento' configuration screen. The 'Envasado' tab is selected. The 'Numeración' field is set to '1...999'. The 'Tipo' is 'Balanza'. The 'Salvar Local' checkbox is unchecked. The 'Borrar totales al iniciar' checkbox is unchecked. The 'Borrar' section has 'Mas antiguo de' set to '0' días and 'Reiniciar numeración después del borrado?' is unchecked. At the bottom, there are buttons for 'Pestaña Ant.', 'Pestaña Sig.', 'D0 Salvar', and 'EscX Cerrar'.

It is necessary to configure the independent data for each type of sale.

With  the user can change the sale mode to be configured.

The data to be programmed is:



**Numbering**; numbering interval.

**Type**; the numbering can be done by Scale, Counter or System.


**Local copy / Save local**; when the box is checked, it performs a copy of the data locally.


**Invoice**; it changes the numbering interval of simplified invoices.

**Delete totals at start-up**; when the box is checked, the totals will be deleted at start-up.

**Delete oldest from XXX Days ago**; it selects the number of days that have passed for the totals that want to be deleted.

**Restart numbering after deletion**; when the box is checked, the ticket numbering will be restarted after the deletion of the totals.

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

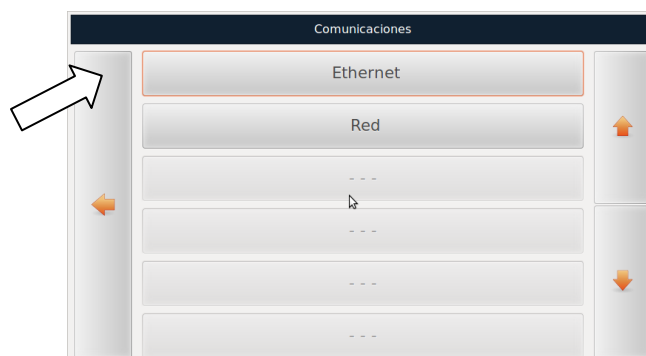
## 7.4. Accessing the Communications Settings Menu.

From the "Settings Menu", select the option "Communications" and press



### 7.4.1. Ethernet

From the "Communications Menu", select the option "Ethernet" and press



When pressing on Ethernet, the user will see the configuration parameters for the network. The user can configure the scale's IP address, the netmask and the gateway.

There are two possible cases: we can either have the information about the IP address, mask and gateway. In this case the user will programme the corresponding

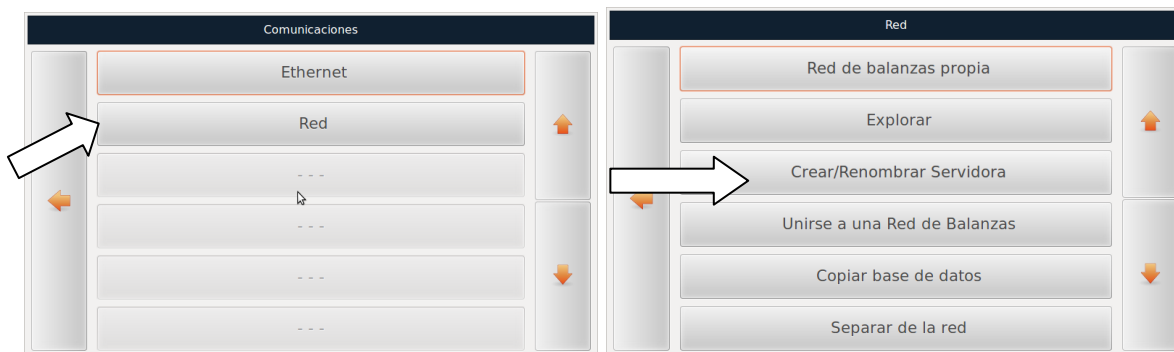
fields. With  the user moves through the different fields.

The second option is that we have a server PC to which the user assigns the IP addresses automatically. If this is the case, we need to activate the DHCP option and thus the scale will wait for the user to assign it that IP address.



### 7.4.2. Network.

From the "Communications Menu", select the option "Network" and press




#### 7.4.2.1. Own scale network.






When pressing on "Own scale network", the user will see information about the scales that were activated in the same node.

	Balanza	Mostrador	IP Balanza
✓	S	1	10.8.1.105

Pressing  the list of networked scales will update.

Pressing  the selected scale will be deleted. **Careful** the scale selected tells us in advance whether the user is sure about deleting it.


Press  as many time as needed to go back to the work screen.


### 7.4.2.2. Explore.



All scale nodes found within the network are displayed here.

Scale	Cntr	Scale IP	Network name
S	1	10.8.1.105	SAC
N	4	10.8.1.234	satkey
S	1	10.8.1.95	satkey
N	2	10.8.1.232	satkey
N	3	10.8.1.233	satkey
S	29	10.8.1.90	qwerty

Press  to save changes.

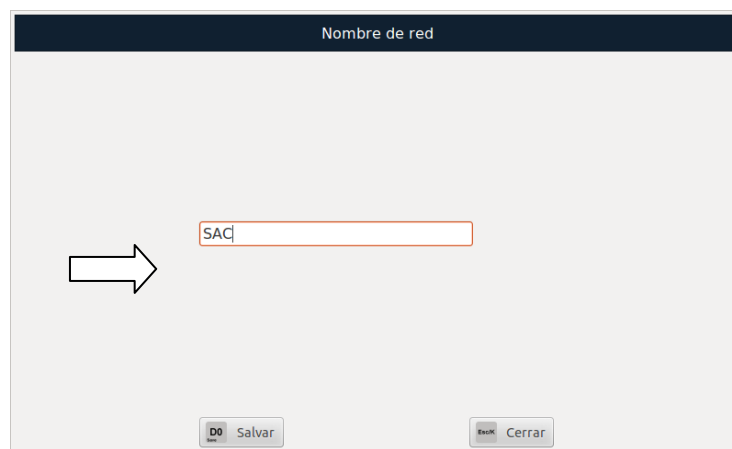
Press  as many times as is needed to go back to the work screen.


### 7.4.2.3. Create/Rename Server Scale.

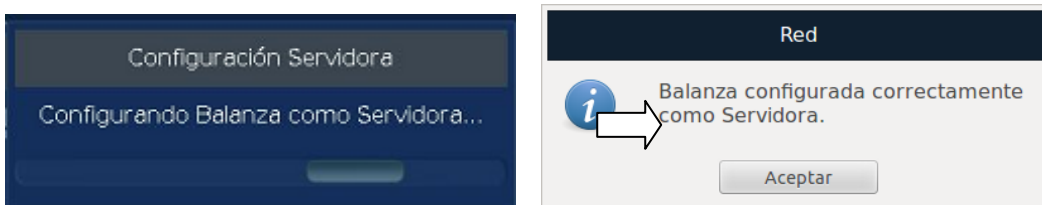



With this option we activate the server scale and we assign the name of the node.


**NOTE:** In order to configure this option, the devices can't be connected to the network. If they are, the devices will tell us to disconnect.



Press  to configure the device as Server.



By pressing  the user exits the screen, saving changes.

Press  as many times as is needed to go back to the work screen.

#### 7.4.2.4. Connect to a scale network.



This option is used when the user tries to include the scale within a system as a client device in such scale node. In this case, the device will show a list with all declared systems in the local network.

**NOTE:** In order to configure this option, the devices can't be connected to the network. If they are, the devices will tell us to disconnect.



Pressing **D1** the window is refreshed.

Pressing **D0** the scale remains connected to the node within the scale network.

Press **Esc/K** as many times as is needed to go back to the work screen.

#### 7.4.2.5. Copy database.



With this configuration option, the user can create a copy of another scale's database that forms part of the network.

**NOTE:** In order to configure this option, the devices can't be connected to the network. If they are, the devices will tell us to disconnect.

Copiar base de datos de balanza				
	Scale	Cnter	Scale IP	Network name
N	2	1	10.8.1.232	satkey
S	1	1	10.8.1.95	satkey
N	4	1	10.8.1.234	satkey
N	3	1	10.8.1.233	satkey
S	29	8	10.8.1.90	qwerty

Buttons: D0 Actualiza, D1 Copiar, Esc/C Cerrar

Once the list of the networked scales is ready, the user can select the device of origin that whose database we want to copy.

**D1**

Once this has been selected, press **D1** and the scale will start loading the database from the scale of origin.

**NOTE:** If the user wants to connect the end scale to the network again, he must go to the Settings menu so that the end scale settings remain configured.

### 7.4.2.6. Separate scale from network.



With this option, the user can separate the scale from the network. Once this is done, the scale will work in Stand-alone mode.



The user moves the cursor down up to "Separate from Network". The device will ask the user wither he wants to exit the network. If we accept, the scale will be out of the network.




## 7.5. Accessing the Printer Configuration Menu.

From the "Settings Menu", select the option "Printer Configuration" and press



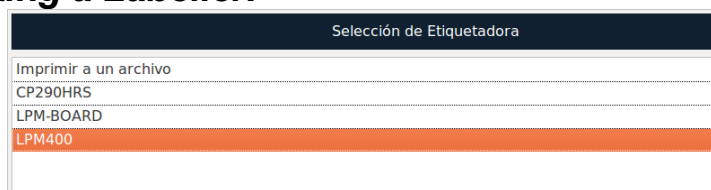
### 7.5.1. Selecting a printer.



Select the printer the scale will work with and press  to save changes. The default name for the printer is "CP 290 HRS".

Press  as many time as needed to go back to the work screen.

### 7.5.2. Selecting a Labeller.



Select the labeller the scale will work with and press **Intro** to save changes. The default name for the Labeller is “**LPM400**”.



Press **Esc/K** as many time as needed to go back to the work screen.

### 7.5.3. Printing Parameters.

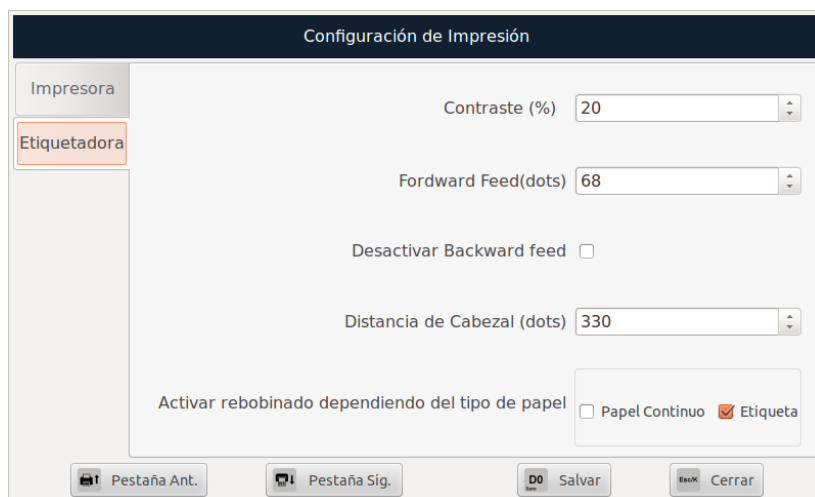


**Contrast (%);** increasing or decreasing the burning percentage. (Between -60 and 60, with intervals of 10).

**Forward Feed (dots);** number of blank paper forward feed after the ticket is printed. (By default 255, value between 0 and 800).



Press **Tab** to change tab. With **Arrow** the user moves through the different fields.



The labeller's parameters are configured in this screen:


**Contrast (%);** increasing or decreasing the burning percentage. (Value between -0 and 60 in intervals of 10; value 0 by default).

**Forward Feed(dots);** engine forward feeds after printing the label, (value between 0 and 255; by default 56).

**Disable Backward feed;** it is disabled when the box is checked.. If the box is unchecked, before printing, the labeller goes backwards according to the engine forward feeds selected in Forward Feed.

**Magnetic Head Distance (dots);** distance between the label's opto-sensors and the burning line. (Value between 0 and 800; by default 300).

**Activate rewind depending on the type of paper;** select the type of paper, Continuous or Label.


Press  to save changes.

Press  as many times as is needed to go back to the work screen.


#### **7.5.4. Label Calibration.**



With this option, the configured parameters are stored in the memory, and the device performs a calibration of the sensor at the end of the label (opto adjustment). Once the labels come out, the screen will indicate whether the calibration has been correct.

Press  to save settings.

**NOTE:** The length shown will depend on the label's length.

Press  as many times as is needed to go back to the work screen.

### **7.6. Weight configuration.**

From the "Settings Menu", select the option "Weight Configuration" and press .



### 7.6.1. *Weight adjustment, Weight configuration and scale serial number.*

**Weight adjustment;** here the user can configure parameters and then adjust the scale's weight.

**Weight configuration;** this option displays the weight configuration parameters.

**Scale's serial number;** here the user can modify the scale's serial number.



**NOTE:** In order to access the previously mentioned options, the scale will request an access password for Calibration, as can be seen in the following image:


**IMPORTANT:** Access to these menus can only be done by authorised staff from Grupo Epelsa.

### 7.6.2. *Weight verification.*




On this screen, the user can perform the weight verifications x10 (HR).


Press  (no weight on the plate) for auto-zero. Press  in order to configure a tare weight and then verify the weight.

Press  as many times as is needed to go back to the work screen.

### 7.6.3. Auto Zero.



Once the Auto Zero option has been selected, when pressing  the scale goes to auto zero automatically. It is recommended that there is no weight on the plate when the user makes use of this option.

Press  as many times as is needed to go back to the work screen.

### 7.7. Accessing the Installation Settings Menu.

From the "Settings Menu", select the option "Installation Settings" and press .




### 7.7.1. Label formatting selection.



On this screen, the user selects the default label the scale will work with..

This is selected with the cursors .

Press  as many times as is needed to go back to the work screen.


**NOTE:** If a label is selected during item set-up, the settings made for the item always take precedence over whatever is selected in this menu.

### 7.7.2. Ticket formatting selection.









On this screen, the user selects the default ticket the scale will work with.

This is selected with the cursors .

Press  as many times as is needed to go back to the work screen.

### 7.7.3. Type of Sale Maintenance.






Using  will scroll through the different set-up fields and with the alphanumeric keyboard, we will input the data into the fields selected. On this screen, we create or define the types of sale:

**Type of Sale;** press      to select the type of sale.

**Based on;** the default name appears.

**In use;** the sales mode will be activated on the menu if this box is ticked.

**Description;** the name that will be given to the type of Sale.

**User;** Press      to select the permissions which will be used.


**Keyboard;** we write the name of the keyboard to use for this type of sale.

**Load hotkeys;** here we can select the hotkeys we wish to use. For example, for tables, "Table + Key (standard)" or for Families "Families+Key".


**Position;** select the position of items in the table either by the position of the hotkey "Fixed" or occupying the last position of the list.


**Vendors' keyboard;** to select vendors file (TouchScale only).

**Loop keyboard;** Keyboard displayed on labelling screen (only used in packaging mode and on TouchScale scales).

Press  to configure all the above fields for a new type of sale.


The scale allows you to create different types of sales and configure as desired.

Press  to save changes.

Press  as many times as is needed to go back to the work screen.

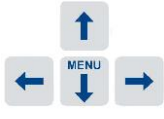
### 7.7.4. Special settings.

From the "Installation Menu", select the option "Special Settings" and press .

With  the user moves through the different fields to be set-up.

**Language;** press  to select.

**Improved Charger;** box must be checked to use optimised keyboards.

**Keyboard;** press  to select key mappings and display screen.

From this option you can select different keyboard mappings which the scale uses. Here we can change the keyboard mapping which incorporates the Turnomatic option by choosing "**Hardware\_ST4\_turno**".

After selecting this key mapping, two cursors will be shown at the bottom left of the operator's screen, the shift number and a reset button. The operation is simple: click on the arrows as desired, in ascending order (0-999) or descending order (999-0). To set the counter to zero, click on the reset button.



The customer display also shows a large Turnomatic on all our counter scales. If you have more counters in the store with K-Scales and with the Turnomatic option active, the scale screen informs us of the shift in which the other scales are set.







**Allow PLU drag & drop;** with the box ticked, the hotkeys for packaging mode can be moved. (Only active for scale with touchscreen).

**Key Log;** with the box ticked, a .log file is generated which records the keys pressed.


**Days;** allows the number of days for the log file to be generated to be set-up.

Pressing  the user can change tabs. With  the user moves through the different fields.



**Image folder;** press   MENU   to select the folder from which the scale will take the pictures of the items, vendors, etc.

**Vendor icon;** with this option set, the vendor's work icon can be selected. The icon is found at the bottom left.

If we press  the changes are saved.

Press  as many times as is needed to go back to the work screen.

## 7.7.5. Security Copy.

Intro

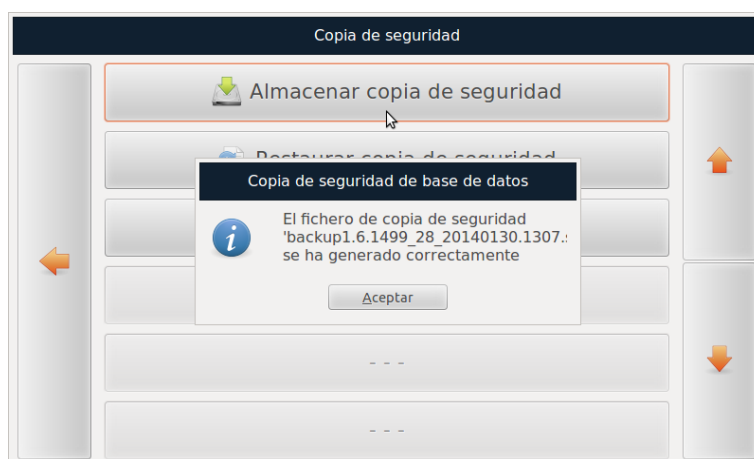
From the "Installation Menu", select the option "Security Copy" and press




### 7.7.5.1. Store Security Copy.



With this option, a backup of the database is made. Once the Store Security Copy option is selected, it will indicate the name of the copy of the database with the following data: Name of the DB version, DB revision and creation date of this copy of the DB.



Pressing  will accept the creation of the backup.


Press  as many times as is needed to go back to the work screen.

### 7.7.5.2. Restore Security Copy.



This option is used to restore a security copy which was previously made. Once you click on Restore Security Copy, it will list all the backups that have been created.



Select the copy from the list that you wish to restore and press  to begin the process of restoring the DB.

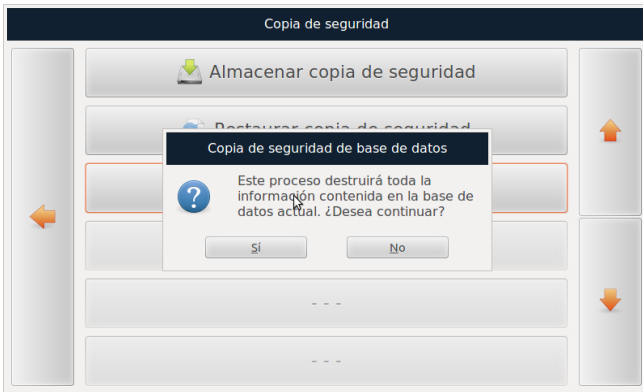
Press  as many times as is needed to go back to the work screen.


### 7.7.5.3. Initialise Database.



With this option, all contents (photos, item, etc.) are deleted from the DB. Once we select the option, it will ask for confirmation. If we accept, the erase process is done by leaving the balance ready for the DB to be set-up again.






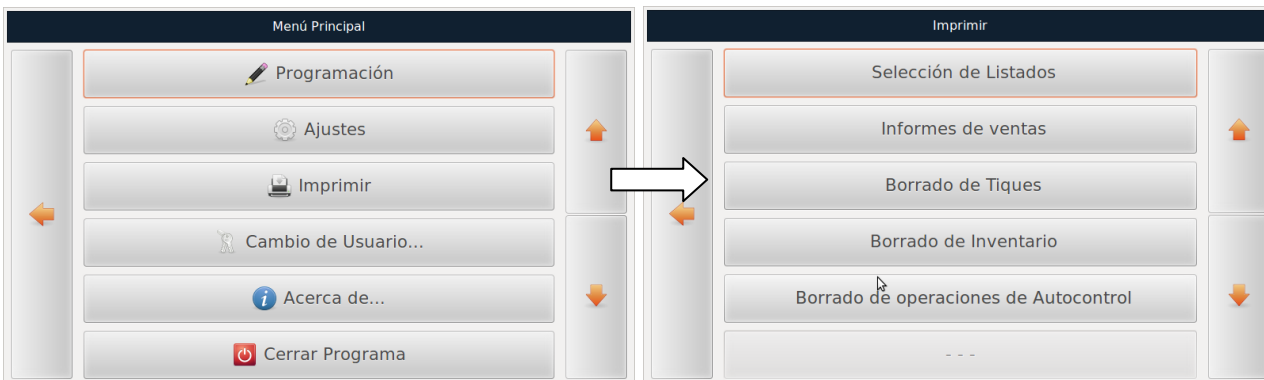
Press  as many times as is needed to go back to the work screen.

**NOTE:** In order to perform all the actions of this menu, it is recommended that the scale is in local mode.

## 8. REPORTS.


### 8.1. Accessing the Reports Menu.

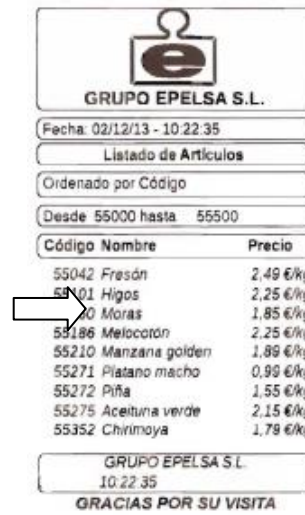
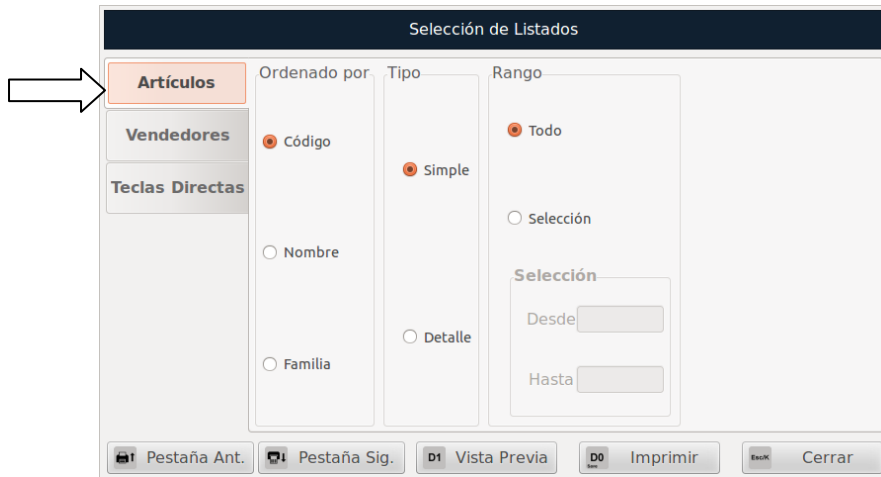
From the "Main Menu", select the option "Print" and press .



### 8.2. Selecting Lists.

From the "Print Menu", select the option "List Selection" and press .

With  the user moves through the different fields to be set-up.

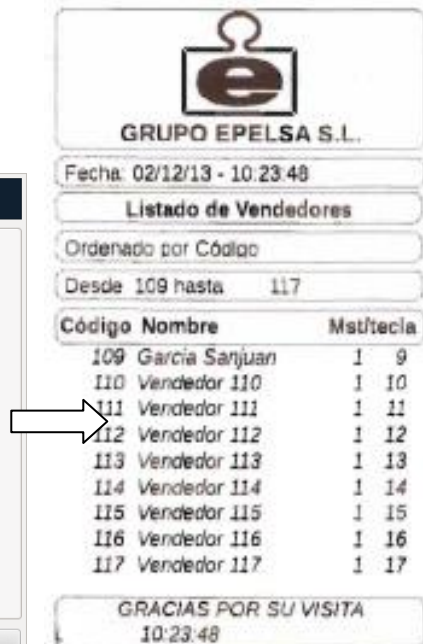
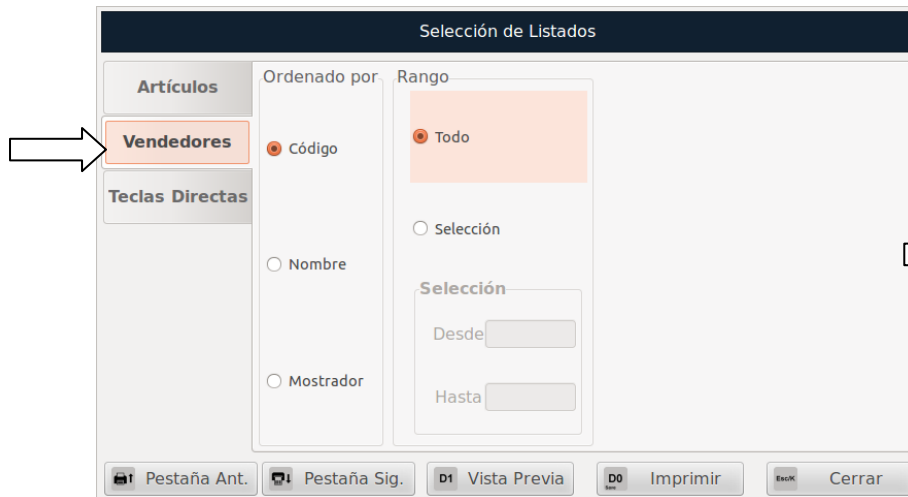


In this tab, we can see the list of items on the scale. You can list all the items, set different filters or even arrange the list depending on what we want to print.

Press **D1** to preview the list which will be printed.

Press **D0** to print the list of items that we have set in this menu.

Press to change tab. With the user moves through the different fields.



In this tab, we can see the list of vendors on the scale. You can list all the vendors, set different filters or even arrange the list depending on what we want to print.

Press **D1** to preview the list which will be printed.

Press **D0** to print the list of items that we have set in this menu.

Press to change tab. With the user moves through the different fields.



**GRUPO EPELSA S.L.**

Fecha: 02/12/13 - 10:26:16

**Listado de teclas directas**

Ordenado por Código

Desde 55000 hasta 55500

gritb/tecla	Código	Nombre
1 0 205	55042	Fresón
1 0 28	55042	Fresón
1 0 203	55101	Higos
1 0 8	55101	Higos
1 0 161	55160	Moras
1 0 25	55160	Moras
0 1 2	55160	Moras
1 0 162	55186	Melocotón
0 1 4	55186	Melocotón
1 0 163	55210	Manzana golden
1 0 11	55210	Manzana golden
1 0 84	55271	Platano macho
1 0 36	55271	Platano macho
1 0 164	55272	Piña
1 0 46	55272	Piña
1 0 83	55275	Aceituna verde
1 0 26	55275	Aceituna verde
0 1 3	55275	Aceituna verde
1 0 166	55352	Chirimoya
1 0 22	55352	Chirimoya
1 0 7	55352	Chirimoya
0 1 1	55352	Chirimoya

GRACIAS POR SU VISITA  
10:26:16

Selección de Listados

**Artículos**

**Vendedores**

**Teclas Directas**

Ordenado por

Grupo, tabla, tecla

Código

Nombre

Rango






Todo

Selección


**Selección**


Desde:


Hasta:

 Pestaña Ant.
 Pestaña Sig.
 Vista Previa
 Imprimir
 Cerrar


In this tab, we can see the hotkeys on the scale. You can list all the hotkeys, set different filters or even arrange the list depending on what we want to print.


Press  to preview the list which will be printed.

Press  to print the list of items that we have set in this menu.

Press  as many times as is needed to go back to the work screen.

### 8.3. Sales Reports.

From the "Print Menu", select the option "Sales Report" and press .

With  the user moves through the different fields to be set-up.

Revision 1.1

Page 83 of 92

**Informe de ventas de balanza: 1**

**Totales** Origen: Red, Agrupado por: Artículo, Rango:  Todo, Intervalo:  Todo

Código	Nombre	Operaciones...	Importe total...	Peso...
50043	Platano de canarias	1	50,00 €	0,500 kg
51961	Almendras	1	1,38 €	1,000 kg
55899	Pera Limonera	1	4,20 €	2,000 kg
57047	Pasas	2	4,44 €	1,000 kg
<b>Suma total</b>		5	60,02 €	4,500 kg

GRACIAS POR SU VISITA 11:19:49

**Informe de ventas de balanza: 1**

**Tiques** Origen: Red, Agrupado por: Ninguno, Tipo: Simple, Estado:  Tique, Rango:  Todo, Intervalo:  Todo

Número Vendedor	Estado	Total €
<b>Balanza: 1</b>		
1 V- 101	Tique	52,22 €
3 V- 101	Tique	7,80 €
<b>Importe total:</b>		60,02 €

GRACIAS POR SU VISITA 03/12/13 11:21:35

In these tabs, we select the report to view or print both the sales totals and the tickets. We can get all Sales Reports or can add different filters or group them as desired (by item, family, vendor, scale and counter) to print or view only those of interest.

For the totals of tickets, we can also group by vendor, scale, counter and date and then expand the report with more data.

Press to preview the list which will be printed.

Press to print the list of items that we have set in this menu.

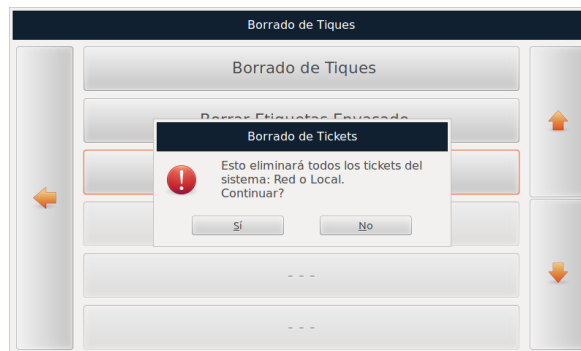
Press to change tab. With the user moves through the different fields.

#### 8.4. Removal of tickets.

From the "Sales Report", select the corresponding option and press .



With these options we create the drafts of the tickets and accumulated labels since the last draft created (Sale mode, Packaging mode and POS mode). The scale then asks for confirmation of deletion.




The scale will then ask if we want to restart the ticket numbering.



Once deleted, the scale displays a confirmation of the action done.



Press  as many times as is needed to go back to the work screen.

## 8.5. Clearing the inventory.



If an inventory of products has been created, the inventory can be reset using this option. Once the option is selected, it will ask for confirmation.

Press  as many times as is needed to go back to the work screen.

## 8.6. Clearing Automatic Operations.

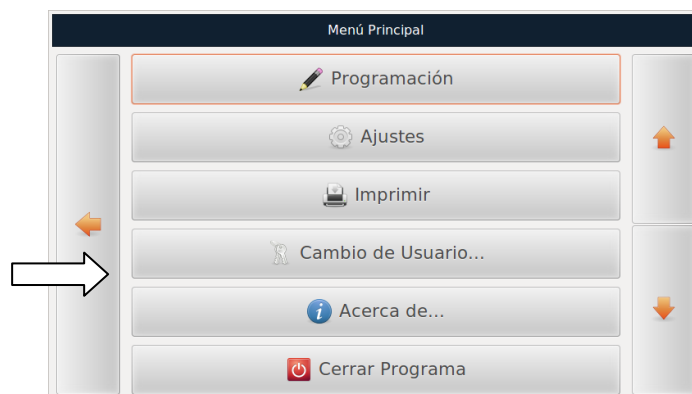


This option is unused in the standard versions of the scale. Consult the Grupo Epelsa.

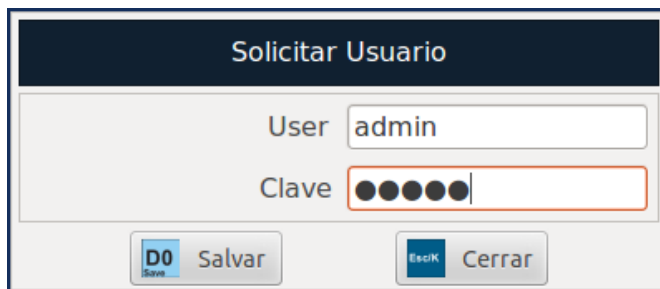
## 9. CHANGE USER.

### 9.1. Accessing the Change User Menu.


From the "Main Menu", select the option "Change User" and press

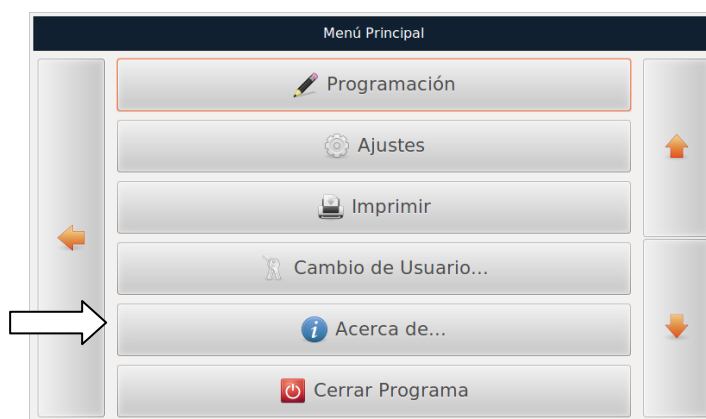


After selecting the option, you can change the current user by selecting the user and entering the password.




## 10. ABOUT.

From the "Main Menu", select the option "About . ." and press .




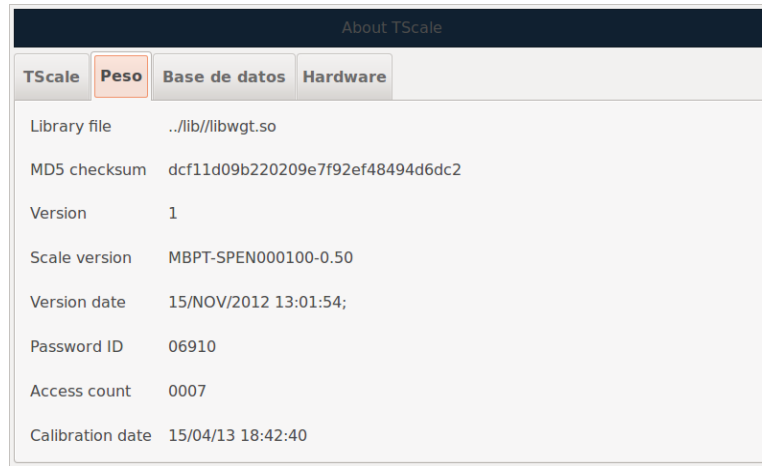
The next screens show us information about the scale's software and hardware.



TScale	Peso	Base de datos	Hardware
Tscale Version			1.5 - Anthe. Build id: 20131122 - 1448
Número de serie			847844
GLib version			2.32.3
GTK Version			2.24.10
Pango version			1.30.0
Cairo version			1.10.2

In the "TScale" tab, we can find the scale's software version, the serial number, the version of the libraries and versions of software that Linux uses.

Press  to change tab.



In the "Weight" tab, we can find the libraries and the version for the approved weight program, followed by the firmware version and date of the last modification of the weighing electronics. Finally, there is the data related to the electronic seal.

Press  to change tab.



In the "Database" tab, it shows the software version of the database manager, a user and an update counter.

Press  to change tab.



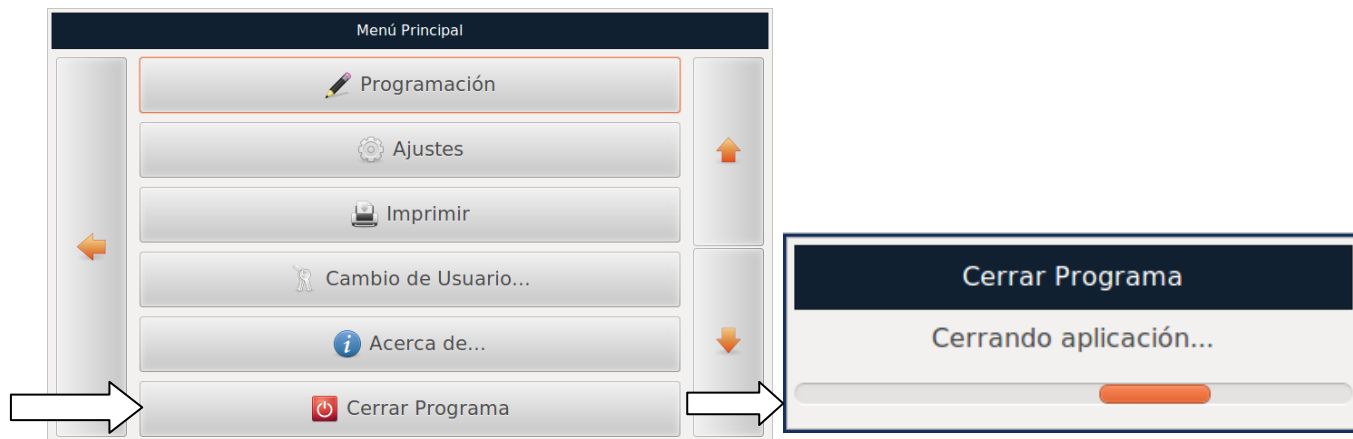


In the "Hardware" tab, there are the printer models and the label maker followed by the firmware version. Below is the configuration of the front and rear display.

Press  as many times as is needed to go back to the work screen.

## 11. CLOSE PROGRAM.

From the "Main Menu", select the option "Close Program" and press .



With this option the scale program will close and we will exit to the Linux desktop. Here we can use the various options of the Linux operating system and the ticket and label design program "Encase".



# Warranty



**GRUPO EPELSA**

In compliance with current legislation, **GRUPO EPELSA, S.L.** offers the user, according to terms described in this card, full warranty against any manufacturing defect in its product or in the **GRUPO EPELSA, S.L.** elements included within.

## 1. Terms and scope of the warranty.

The **GRUPO EPELSA, S.L.** warranty covers:

- Repair of equipment identified below for an Official **GRUPO EPELSA, S.L.** Service
- Components, parts and labour used on that product and all parts and components, provided they are original **GRUPO EPELSA, S.L.** materials

The **GRUPO EPELSA, S.L.** warranty does not cover:

- Errors caused by non-original components.
- Problems caused by improper installation.
- Damage caused by neglect, wear and tear, misuse or errors caused due to repairs performed by unauthorised personnel.
- Warranty if the information on this card has been manipulated or altered.
- Warranty in case of broken or tampered seals.
- The fees and charges of official verification from the application of legal regulations.

## 2. Warranty period.

The warranty is valid for 1 year. For the warranty to be valid, it is essential to have the purchase invoice and this warranty card.

---

### Equipment identification

Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

---

### Owner of the warranty

Company: \_\_\_\_\_ Address: \_\_\_\_\_

NIF: \_\_\_\_\_

Punto Net 3  
Tel.: 91.830.46.16. Fax: 91.830.58.64

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