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B240 Counting Scale



User Instructions

AWT 35-501819 Issue AA

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Manual revision history

Current Issue	Date Created	Details of Changes
DRAFT	Feb. 2019	Draft of new manual

1 General Information and Warnings

1.1 About this Manual

This manual is divided into chapters by the chapter number and the large text at the top of a page. Subsections are labeled as shown by the 1 and 1.1 headings shown above. The names of the chapter and the next subsection level appear at the top of alternating pages of the manual to remind you of where you are in the manual. The manual name and page numbers appear at the bottom of the pages.

1.1.1 Text Conventions

Key names are shown in **bold** and reflect the case of the key being described. This applies to hard keys and onscreen or soft keys.

Displayed messages appear in **bold italic** type and reflect the case of the displayed message.

1.1.2 Special Messages

Examples of special messages you will see in this manual are defined below. The signal words have specific meanings to alert you to additional information or the relative level of hazard.



ELECTRICAL WARNING! THIS IS AN ELECTRICAL WARNING SYMBOL. ELECTRICAL WARNINGS MEAN THAT FAILURE TO FOLLOW SPECIFIC PRACTICES OR PROCEDURES MAY RESULT IN ELECTROCUTION, ARC BURNS, EXPLOSIONS OR OTHER HAZARDS THAT MAY CAUSE INJURY OR DEATH.



CAUTION! This is a Caution symbol. Cautions give information about procedures that, if not observed, could result in damage to equipment or corruption to and loss of data.



NOTE: This is a Note symbol. Notes give additional and important information, hints and tips that help you to use your product.

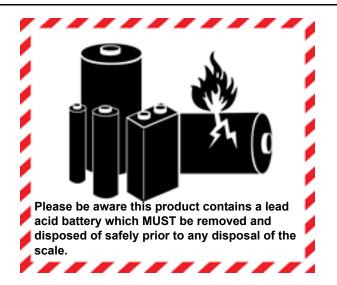
1.2 Training - Formation

Do not attempt to operate or complete any procedure on a machine unless you have received the appropriate training or read the instruction books.



CAUTION! Risk of electrical shock. Refer to qualified servce personnel for service.

1.3 Safe Battery Disposal



Please be aware this product contains a lead acid battery which MUST be removed and disposed of safely prior to any disposal of the scale.

This battery can be easily accessed by removing the battery cover found on the underside of the indicator.



CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.

1.4 Routine Maintenance

IMPORTANT: This equipment must be routinely checked for proper operation and calibration. Application and usage will determine the frequency of calibration required for safe operation.

Do - Ce qu'il faut faire	Do NOT - Ce qu'il ne faut pas faire
Wipe down the outside of product with a clean cloth, moistened with water and a small amount of mild detergent cleaning fluid.	Use harsh abrasives, solvents, scouring cleaners or alkaline cleaning solutions.
Spray on to the cloth when cleaning and not directly onto the	Do not attempt to clean the inside of the machine.
indicator area.	Spray any liquid directly on to the display windows.

1.6 Sharp Objects

Do not use any sharp objects such as screwdrivers or long fingernails to operate the keys.

1.7 FCC and EMC Declarations of Compliance

United States

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canada

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la Classe A prescrites dans le Règlement sur le brouillage radioélectrique edicté par le ministère des Communications du Canada.

2 Introduction

The B240 is a touch screen counting scale with a built in database for storing a wide range of product data from piece weights, descriptions, tare weights to customer data. This makes recalling data simple to recall.

The B240 offers a wide range of features from basic weighing to easy parts counting, accumulation and check counting, ideal when packing products to a set quantity. The B240 provides clear visual display of information to help the operator carry out a wide range of tasks very simply.

2.1 Key functions

2.1.1 Front panel keys

The five keys on the front panel function as described below.

Кеу	Description	
ON/OFF	Press and hold to power on the scale. Press and hold to power off the scale.	
HOME	Press the HOME key to return to the home screen.	
< SETUP	Press the SETUP key to access the setup screen	
TARE	Press to tare a weight from the scale. Press and hold to access the preset tare screen.	
	Press to zero the scale.	

2.1.2 Display touch keys

Weight		0	.0			.00 _{kg}
Low 0.00kg	ОК	High 0.00kg	Product			×
	0%					×
Count: 8	Total:	23.97kg				×
Total	Save	G/N G/N	Sample	g+ uw	Clear ID	Feed

Keys	Description
	Product/Material group. Touch key to view products list and recall products information
	Client/Customer Touch key to view client list and recall client's information.
	ID 1 ~6, Free Setting ID keys, Touch key to view list and recall information.
Q	ID Groups Touch key to view ID list and recall ID information.
	Moves up or down in a list
\times	Clear ID Touch key to clear ID contents
	Record Touch key to check all weighing records.
	Save and Print Touch key to save and print records.
G/N G/N	Gross/Net Touch key to toggle between the Gross and Net weight.

Keys	Description
Sample	Sample Touch key to input samples.
g+ uw	Unit weight Touch key to input unit weight.
2	Clear Unit Weight clear key, in counting operation
Clear ID	Clear the current product ID information
Feed	Feed key. Touch this to test printer
Not	e: Each ID text name may vary; it depends which has been input

2.1.3 Annunciators and display windows

Annunciators/windows	Description		
→0←	Shows the scale is at zero weight. Press key to zero the scale.		
+T+	Shows when a Tare is active. Press key to tare a weight.		
	Shows when the scale is stable.		
Max=	Maximum capacity of the scale		
min=2	Minimum weight of the scale		
, d=1	Division of the scale		
A1.21	Software version		
2012/8/12 6:00	Date and time		
Low Opcs	Illuminates when the weight or count of items on the scale is below the acceptable window you've set.		

Annunciators/windows	Description		
OK	Illuminates when the weight is in the acceptable range, between the low and high tolerance.		
High _{Opcs}	Illuminates when the weight or count of items on the scale is above the acceptable window you've set.		
Tare $0_{_{kg}}$	Tare weight		
$^{\text{GS}}$ 0 $_{_{\text{kg}}}$	Gross weight		
^{UW} _{Low} 499.654 ⁴ / _s	Piece weight (Unit weight) window in counting operation		

2.1.4 On-screen keyboard

The on-screen keyboard will open automatically to edit or input new data.

~!@	# \$ % ^ & * () _ + (
₩ Q	W E R T Y U I O P { }
Caps Lock	S D F G H J K L : " +
z	X C V B N M < > ? ↑ X
&123 SIGN	$\square \qquad \qquad$
	Backspace
₩ ₩	When input text, use this key to change line
&123	Special symbols and numeric keys.
×	Close keyboard
OR Caps Lock	Shift to Capital letter / small letter.
SIGN	Press here to change sign

2.2 Installation

2.2.1 Unpacking

The mounting location must be a stable surface and free of heat, water and humidity.

When you receive the scale, inspect it to make sure that it is not damaged and that all are parts are included:

- Remove the scale from the carton.
- Remove the protective covering. Store the packaging and to use if you need to transport the scale later.
- Inspect the indicator for damage.
- Make sure all components are included:
 - Scale
 - Adaptor

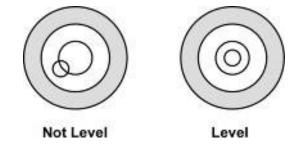
2.2.2 Installation

- 1. Place the scale on a table.
- 2. Carefully place the pan pins into the four holes on the top cover.
- 3. Adjust the feet to center the bubble level. See *Leveling on page 15*.
- 4. Connect the adaptor pin to the adaptor jack. Adaptor jack is located below the scale. See *Charging the battery on page 15*.
- 5. Adaptor connects to an AC power socket. Pluggable equipment must be installed near an easily accessible socket outlet with a protective ground/ earth contact.
- 6. Press and hold the **ON/OFF** key until the unit beeps to turn it on. (Press and hold the **ON/OFF** key to turn the unit off.)
- 7. Display will start self checking and display will then show normal weighing mode.
- 8. You can start normal operation.

2.2.3 Leveling

Place the scale on a table.

Check the bubble level. If the bubble is not centered, adjust the leveling feet until centered. Check the level when you change scale locations.



2.2.4 Charging the battery

To charge the battery insert the adaptor pin into the jack located under the scale. Plug the adaptor into the mains power. The scale will charge without being turned on.

Charge the battery for 12 hours for full capacity before using the scale.

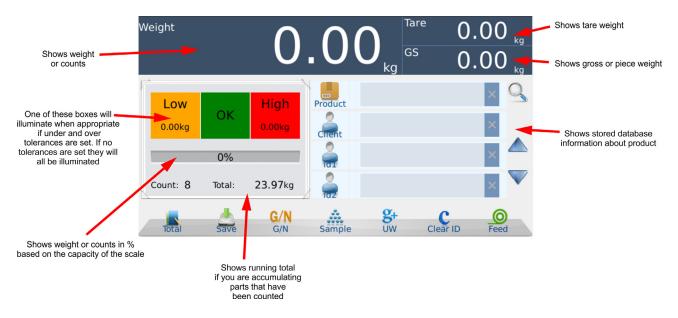
A battery charging status LED is located on the right side of the display. If the LED is green the battery has a full charge. If it is red the battery is nearly discharged. If yellow the battery is being charged.

Do not use any other type of power adaptor than the one supplied with the scale. Verify that the AC power socket outlet is properly protected.

3 Operation

This chapter will cover the common uses of the scale.

3.1 Main display



The main display is shown below with significant areas pointed out and explained

3.2 Zeroing the scale



If the scale platform is empty and a weight is displayed, press the **ZERO** key to zero the scale.

3.3 Taring a weight

There are three ways to tare a weight from the scale: pushbutton tare, entering a known tare and preset tare. Each are described below.

3.3.1 Pushbutton tare

2.

1. To tare the weight of an object, such as a container, zero the scale if necessary and place the container on the scale platform.



Press the TARE key.

This is called a pushbutton tare. The weight of the container is tared and the main weight display shows 0 weight. The tare weight is displayed in the *Tare* window.

- 3. Place the item(s) to be weighed in the container. The net weight will be displayed in the main weight display and the gross weight is displayed in the GS window.
- 4. Repeat as needed.

3.3.2 Entering a known tare weight

If you know the weight of an item you wish to tare, follow these steps:

1. Press and hold the **TARE** key until the popup window, shown below, appears.



2. Press the **T**₊ key, circled above, and a numeric entry screen, shown below, appears.

	Pretare	×
9	8	7
6	5 🕞	4
3	2	1
	0	CE
Back	0	‹

3. Key in the tare weight and press the **OK** key.

The main screen is displayed with the tare weight you entered active.

4. Place your container on the scale and proceed to weigh your item(s).

Create a preset tare

You can set up to eight tares and store them for later recall. These are called preset tares. Follow these steps:

 Press and hold the TARE key until the popup window appears with keys that say T₁ through T₈ and T₊.



2. Press the numbered **T** key where you want the tare stored (T1-T8).

This numeric entry screen appears:

	Pretare	×		
9	8	7		
6	5 🕞	4		
3	2	1		
•	0	CE		
Back	ОК			

- 3. Key in the tare weight for the preset tare and press the **OK** key.
- 4. Press the **T** key where the tare is stored.

The main screen is displayed with the tare weight active.

5. Place your container on the scale and proceed to weigh your item(s).

Recall a preset tare

- 1. To recall a preset tare, press and hold the **TARE** key until the preset tare screen appears.
- 2. Press the **T** key where the tare you want is stored.

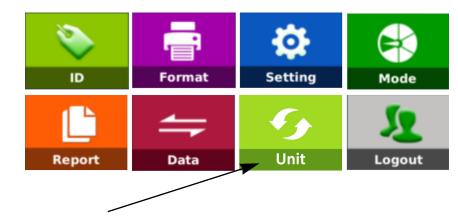
The main screen is displayed with that tare weight active.

To clear a tare, remove all weight from the scale and press the **TARE** key. This works for pushbutton tares, entered tares and preset tares.

To clear a tare from one of the pre-set tares, press and hold the **Tx** key until the entry screen appears and enter a new tare or 0 to replace the old value.

3.4 Changing unit of measure

1. To change the unit of measure, press the **SETUP** key, $\left(\begin{array}{c} \downarrow \\ SETUP \end{array} \right)$



The setup menu appears, shown below:

2. Press the UNIT key.

A popup list of units appears.

3. Touch the unit you want and the main screen returns with the unit of measure active.

3.5 **Basic sampling and counting**

This section gives you the basics on sampling parts for counting operations, accumulating, viewing and clearing count totals and doing check counting.

3.5.1 Sampling parts

To count parts you must first establish the individual piece weight for the parts you want to count. You can weigh a known number of parts to establish the piece weight or enter in a known piece weight manually.

Sampling

Parts used for sampling should be of uniform weight.

1. Place a known number of parts on the scale (in most cases this sample size can be somewhere between 10 and 50 parts but on smaller parts you may need to add more to improve your count accuracy) and touch the **SAMPLE** key on the display.



A numeric entry screen appears.

2. Key in the number of parts you placed on the scale and press **OK**.

The piece weight is calculated and shown in the UW (unit weight/piece weight) window in the upper right of the display. The count is shown in the large display window.

Entering a known piece weight

If you know the piece weight, you can key this in manually following these steps:

1. Press the key on the display.

This numeric entry screen appears:

I	nput unit weight	×		
9	8	7		
6	5 🕫	4		
3	2	1		
	0	CE		
Back	ОК			

2. Key in the piece weight (UW) of the pieces you want to count and touch the **OK** key.

The main screen appears with the piece weight active.

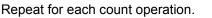
3. Place the items you want to count on the scale and the count is displayed in the main window.



NOTE: To clear a piece weight and return to normal weighing mode, press the small **Clear** key in the UW window.

3.6 Accumulating counts

To accumulate multiple count operations, press the **Save** key to add the count on the display to memory.



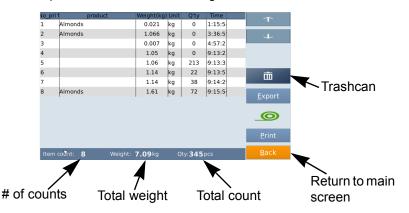


3.7 Viewing and clearing accumulated counts

1. To view the accumulated counts, press the **Total** key.



The screen, shown below, appears showing each individual counting operation, the total count of items, the number of count operations and the total weight of the items.



2. To clear the accumulated counts, press the **Trashcan** key on the right side of the display.

An All key appears above the Trashcan.

3. Press the All key and then confirm you want to delete all the weighments.

All counts and weights that have been accumulated will be deleted.

3.8 Check counting

Check counting allows you to quickly count a set number of items guided by the *High/Low/OK* annunciators on the display. You can set a high and low limit of items thus defining how many items are acceptable or OK.



To begin you must be in count mode. To do this you must have a piece weight active. Sample the items you want to count, as described in *Sampling parts on page 19*.

1. Press the *Low* section of the screen.

A numeric entry screen appears.

2. Key in the lowest acceptable number for your situation and press **OK**.

The Low limit is now set.

1. Press the *High* section of the screen.

A numeric entry screen appears.

2. Key in the highest acceptable number for your situation and press OK.

The High limit is now set.

See an example of check counting below.



Example: You are counting washers and your acceptable range in the container is 99 to 101 washers. Set your low limit to 99 and your high limit to 101 and as you fill your container you will see the display turn yellow as the count goes from 0 to 98. At 99 to 101 washers the **OK** section will illuminate. At 102 washers and above the red High section will illuminate.

3.9 Enlarging the weight/count display

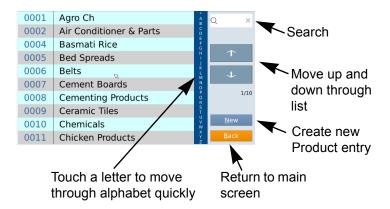
You can make the weight/count display larger by tapping the display window. Tap again to return it to normal size.

3.10 Using an existing database

3.10.1 Recalling an existing product ID

To recall information from an existing database.

1. Press the **Product** key **b** to access the list of products in the database, as shown in the example screen below:



If there are many entries in the database, use the search box, up/down arrows or the alphabet list to quickly move through the list and find the product you are looking for.

2. Touch the product name.

The main screen will appear with the product name and all the associated information now active.

3.10.2 Creating new parts in the database

The data base is very flexible and ideal for storing a wide range of product data. Creating new parts in database is explained below.

1. Press the SETUP key



The setup screen appears:



2. Touch the **ID** key,

The ID setup screen appears. Below is an example screen:



This allows you to create

or delete

parts in the database. Touch a name to highlight it for editing or deleting. Touch the Search box at the top to find an existing part in the list.

edit

3. Press the key.

An information entry window pops up allowing you to enter information for the new product. Below are the most commonly used fields for counting or checkweighing:

Serial Number The scale will assign the next consecutive data slot to the part number entered into the scale from 0001 to 9999.
 Product Code Mainly used to store Barcode data for the part or item

being stored. If the part has only one barcode number from start to finish this can be entered in full. If this barcode is used to identify different parts of the build as the product goes though different processes, this product code may be just the first 4 digits of the barcode. See section **Code Settings and trace codes** for more information.

Product Name	In counting, this will mainly be used as the Part Number data field, where this data will be used to easily identify the part and allow it to be quickly recalled from the database as and when needed.
	In some Checkweighing applications this may be entered in as the product name that is being used for easy recall.
• Unit weight	This field will be used and displayed when searching for part numbers or product names from the front panel. This is the piece weight field of the part or item being counted or weighed. If Checkweighing by weightthis field must be left at 0.00000 so the low limit and high limit can be set by weight. If a unit weight (Piece weight) is entered the low limit and high limit will change to pieces.
• Pre-tare	Used this if a product is always counted or weighed in the same box or carton. This allows the weight of the tare to always be removed when weighing or counting.
● High limit	Use this to set the top of the accept window when Checkweighing or Check counting so any counts or weight over this the display will show the operator the weight or count is over the acceptable limit. If there is a piece weight in the Unit weight field this will show as pieces. If the Unit weight field is set to 0.0000 this will be displayed as weight only.
● Low limit	Use this to set the bottom of the accept window when Checkweighing or Check counting so any counts or weight under this the display will show the operator the weight or count is under the acceptable limit. If there is a piece weight in the Unit weight field this will show as pieces. If the Unit weight field is set to 0.0000 this will be displayed in weight only.
Label Format	Use this to select a label format from the popup list that appears.
 Trace groups 	This is mainly use in the food industry for traceability of raw product. This can also be used to track product changes as each change can be identified using a barcode difference.
 Description 	This allows you to add a longer description of the part.
When you are finished	prove the Save key. The new item will be added to the

- 4. When you are finished press the **Save** key. The new item will be added to the list.
- 5. Repeat for all other items you want to add to the database.

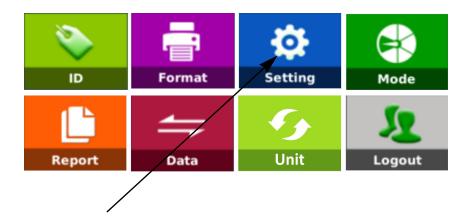
3.10.3 Changing onscreen icons and icon text

Weight		Ó	.00		0	.00 _{kg} .00 _{kg}
Low 0.00kg	ОК	High 0.00kg	Product			× 9
	0%					×
Count: 8	Total:	23.97kg				×
Total	Save	G/N _{G/N}	Sample	g+ uw	Clear ID	O Feed

The field icons and titles, shown below, can be customized to your needs.

1. Press the **SETUP** key.

The setup menu appears, shown below:



2. Touch the **Setting** key.

The Setting menu screen appears.

- 3. Touch *Operation Setting* in the list along the left side.
- 4. Touch *Default Used ID Settings* in the list along the right column.

To access this menu requires Admin rights (password).

5. When asked for a password, type in *000000* then touch the **OK** key.I

The following screen appears.

	←		Default Used	d ID Setting	IS
Setting	ID No	lcon	Name	Active	Comfirm
Basic Information >	1		Product	\checkmark	
 ▲	2	2	Client		
System Setting	3	2	id1		
🕀 Weighing Setting >	4	2	id2		
Operation Setting >	5 🕫	2	id3	\checkmark	
	6	2	id4		
Calibration >	7	2	id5		
$_{ m th}$ Communication $ ightarrow$	8	2	id6		
	9	2	id7		
Back		0			
			Cancel	Ok	

When you tap one of the icons in the Icon column, the following screen appears.

Cathian	← ID Settings
Setting	lcon select 🛛 🗙 🚽
Basic Information	S E 🛄 🛄 🔔 🗍 💆
C System Setting	
한 Weighing Setting	📥 🏭 😤 🚢 🕮 - 🖂 👘
🛓 Operation Setting	
Calibration	
$_{th}$ Communication	Delete OK
Deel	Delete OK
Back	Cancel Ok

- 6. Choose the icon you want to represent the field and touch **OK**.
- 7. Edit the name of the field by touching the field and entering the new name in the keyboard that appears.You can choose to have the field active or inactive.
- 8. When finished, press the **Ok** key and **Yes** to confirm you changes.

The B240 will restart with the changes active.

4 Setup key 🔬

کې D	Format	Setting	Mode
	Data	Unit	Logout

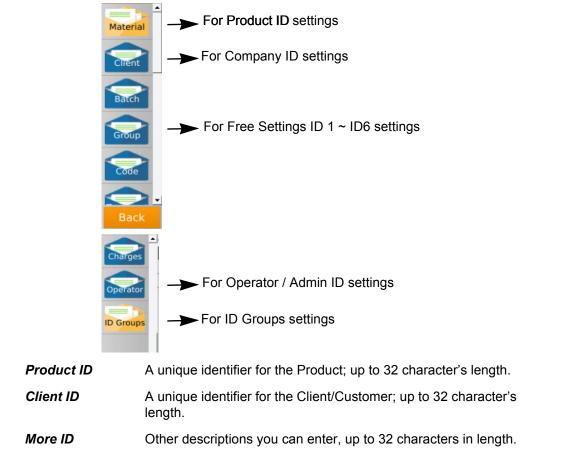
Press the **SETUP** key to access the following touch keys:

Each of these will be explained in the following sections:

ID key	ID key on page 28
Format key	Format key on page 30
Setting key	Setting key on page 31
Mode key	Mode key on page 35
Report key	Report key on page 37
Data key	Data key on page 44
Unit key	Unit key on page 47
Logout key	Logout key on page 47

4.1 ID key 🗾

Press the **ID** key to create/edit/delete products in the database. You can enter product IDs, Company IDs, Operator IDs and 1 ~ 6 extra text descriptions for detailed management. The list, shown below, appears on the left side of the screen



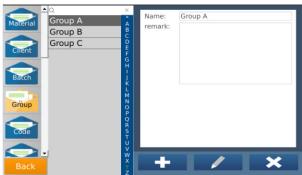


All 8 ID names (text) may vary, it depends on the ID text settings.

ID examples

Product ID:

	Q	×	Serial Number	0001	
Material	Agro Ch	Å	Product Code		
	Air Conditioner &	BC	Product Name	Agro Ch	
	Bed Spreads	D E	Unit weight	0	g
Client	Belts	FG	Pre-tare	2.9	kg
	Cement Boards	Ĥ	Hi Limit	25.00	kg
Batch	Cementing Produ	1	Low Limit	12.00	kg
	Earth Moving Mac		Trace Scheme		
Group	Eggs	M N	Description		
Group	Electrical Accesso	P			
	Engine & Parts	QR			
Code	Fabrics	S			
	Fans	υ.			
	Fashion Accessori	w x	-		
Back	Fertilizers	Ŷ			×
		2			



Material Almonds в Client Agricultural -horticultura -С Batch Batch A Group Group A Code Code A ID Groups Transport Container Driver Charges

Serial number

Company Tel.

Contacts

Remark

÷

Group Name A

w

0003

company Addr. vilniaus, lithuania

Company Name Agricultural -horticultural &

370- 1234567

×

Operator ID:



Group ID:

Company ID:

Client

Weighing Equipm

Welding Electrode

Welding Equipme Wire Products Co

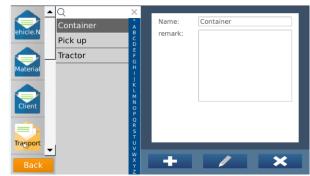
Wireless Commun

Woodworking Ma Wrought Iron Wor York International Young Supplies Zinc Mfg Co Zoda Company Zodiac Metals

Agricultural - horti

Air Conditioning

А



ID Add/Edit Keys	Description
+	Add new name
×	Delete selected item
/	Edit selected item
Clear	Clear information
Back	Return to main screen
Save	Save changes

Free Setting ID 1 ~ ID 6:

There are some preset label formats you can choose from. Follow the steps below to select a format.

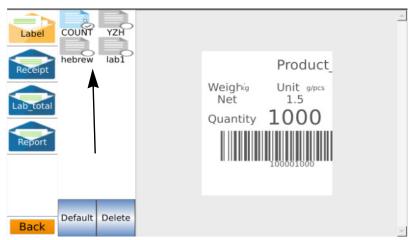


Creating new print label formats is not supported by Brecknell.

4.2.1 Selecting a format

1. Press the **SETUP** key, then the **Format** key to select printing formats.

A screen similar to this appears:



The currently available formats are shown in the area pointed out by the arrow above. A checkmark in the lower right corner denotes the currently selected format. A sample of that format appears in the window to the right of the list.

2. Touch a format to see what it will look like. If you want that to be the default format, touch the **Default** key to confirm.

A **Print Mode** window appears with a list of available printers/comm port settings.

3. Touch the check box next to the desired printer and touch **Ok** to confirm.

4.2.2 Deleting a print format

- 1. Touch the format you want to delete from the list and touch the **Delete** key to confirm.
- 2. Touch the **Back** key to exit from the ID management and return to the main screen.



In the Setup screen press the **Setting** key and the following is an example of what you will see:

Setting	+		0\	/erLoad Inf	o	
Setting	NO.	Туре	weight	date	time	1 •
Basic Information >	57	UL	-3.525kg	18/09/2015	03:48:26	~
•	58	OL	1316.21kg	18/09/2015	03:48:35	
🗖 System Setting 🔿	59	UL	-1.005kg	18/09/2015	03:48:39	\downarrow
T /	60	OL	10975.3kg	18/09/2015	03:48:50	\mathbf{V}
. Weighing Setting >	61	UL	-0.315kg	18/09/2015	03:51:57	
• <u>1</u> •	62	UL	-0.3kg	18/09/2015	03:53:21	
Operation Setting >	63	UL	-0.1kg	18/09/2015	03:53:43	5/
	64	UL	-0.25kg	07/04/2014	02:15:02	
Calibration >	65	UL	-0.305kg	07/04/2014	06:02:42	_
•	66	UL	-0.21kg	07/04/2014	05:28:44	Clear
$_{ m th}$ Communication $ ightarrow$	67	UL	-1520kg	07/04/2014	08:21:04	
111	68	UL	-1680kg	07/04/2014	02:13:57	
Back	69	OL	143280kg	30/09/2015	15:48:52	Back
	70	UL	-5000kg	08/10/2015	16:40:54	Dack

Touch the section you want to access and in each are a list of items you can use to customize the function of your B240. Following are these sections explaining all the menu items in each:

Basic Information	See Basic Information on page 31.
System Setting	See System Setting on page 32.
Weighing Setting	See Weighing Setting on page 32.
Operation Setting	See Operation Setting on page 33.
Calibration	See Calibration on page 34.
Communications	See Communications on page 35.

4.3.1 Basic Information

Under this item are:

User information	Touch this item to see or edit the company name, address, phone number, website and slogan. Touch the box and an entry screen appears to enter the alphanumeric text.
Scale ID	Touch this item to see or edit the name identifying this scale.
Decimal Point Setting	Touch this item to select if a comma or a decimal are used.
Scale Mode	Touch this item to ?????

4.3.2 System Setting

Touch System Setting to set the following items:

Gravity	Touch this item to key in your local gravity factor. This is a protected menu item and can only be altered if you have the proper password.
Date and time	Touch this item to set the local date and time.
Language	Touch this item to choose the language used from the displayed list.
Backlight	Touch this item to access a slider bar to choose the backlight brightness of the screen.
Touch Screen Calibration	Touch this item to calibrate the accuracy of the touch screen.
Software Update	Touch this item to update the software.
System Properties	Touch this item to see the current issues of the software in the scale and the status of internal memory.
Set Password	Touch this item to set a new password. Default password is 000000.
Reset Database	Touch this item to reset any of the database fields to factory default. This is a non-recoverable action.
Update System Software	Touch this to upgrade the operating system.
Backup and Recover	Touch this item to backup information to a USB memory stick or to restore information from a USB memory stick.
Data Storage Limit	Not available without factory authorization.

4.3.3 Weighing Setting

Touch **Weighing Setting** to set the following weighing and scale parameters. You must have factory authorization to access these items.

Approval Setting	Touch this to set approval to Non Approve/OIML/etc.
Range Mode	Touch this to set range mode to Single/Dual Interval/Dual Range.
Calibration Unit	Touch this to set the calibration unit of measure.
Decimal	Touch this to set the style of decimal point.
Capacity	Touch this to select the maximum capacity of the scale.
Min. Calibration Weight	Touch this to select calibration minimum weight to No Limits / 10% of the scale capacity.
Division	Touch this to select the scale division.
Power On Zero	Touch this to set whether the scale resets to 0 weight upon power up.
Semi Automatic Zero	Touch this to set the auto zero range.

Zero Tracking	Touch this to set the auto zero tracking range.
Tare Operation	Touch this to enable or disable multi-tare operation.

4.3.4 Operation Setting

Touch **Operation Setting** to set the following operation parameters:

Measure Speed	Set the measurement speed of the scale to Slow, Medium, Fast or Very Fast. At the faster speeds fewer data points are processed so accuracy can be reduced.
Overload Info	This is a password protected list of dates and times the scale experience overload or underload conditions. You must enter the technicians password to view these entries.
IO Function Set	Not supported in this product.
Soft Keyboard	This allows you to turn the on-screen keyboard on or off. If off an external keyboard must be used.
Default Used ID Settings	Use this to pick icons, names and status for each of the ID fields.
Print List Number Settings	Touch this to change the accumulation list sequence number. Default is 1.
Print Total Mode	Choose to enable Print Total Receipt Model or Print Total Lab Model.
Second platform	Not supported in this product.
Second camera	Not supported in this product.
Second camera Operator Permission	Not supported in this product. Set permissions for individual operators.
Operator Permission	
Operator Permission	Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK
Operator Permission Custom checkweight color	Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK areas of the display.
Operator Permission Custom checkweight color Tare	Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK areas of the display. Touch this to enable or disable tare function. Touch this to enable or disable beeps when touching
Operator Permission Custom checkweight color Tare Touch Sound	Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK areas of the display. Touch this to enable or disable tare function. Touch this to enable or disable beeps when touching the screen. Touch this to choose accumulation minimum weight to
Operator Permission Custom checkweight color Tare Touch Sound ACC MinWeight	Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK areas of the display. Touch this to enable or disable tare function. Touch this to enable or disable beeps when touching the screen. Touch this to choose accumulation minimum weight to 2d / 5d / 10d / 20d. Approval mode should be 20d.
Operator Permission Custom checkweight color Tare Touch Sound ACC MinWeight	Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK areas of the display. Touch this to enable or disable tare function. Touch this to enable or disable beeps when touching the screen. Touch this to choose accumulation minimum weight to 2d / 5d / 10d / 20d. Approval mode should be 20d. Touch this to set accumulation and printing operations: OFF : Display must return to zero for next accumulation/
Operator Permission Custom checkweight color Tare Touch Sound ACC MinWeight	 Set permissions for individual operators. Customize the color of the checkweigher High/Low/OK areas of the display. Touch this to enable or disable tare function. Touch this to enable or disable beeps when touching the screen. Touch this to choose accumulation minimum weight to 2d / 5d / 10d / 20d. Approval mode should be 20d. Touch this to set accumulation and printing operations: <i>OFF</i>: Display must return to zero for next accumulation/ print action. <i>Not Return to Zero</i>: Accumulation/print allowed without

Decimal Separator	Touch this to enable or disable a decimal separator.
	If ON , display will be show 1,234.5. If OFF , display will be show 1234.5.
Not Stable Printing	Touch this to set whether the display must be stable before a print action can be performed. Select OFF for approval mode.
Print Times	Touch this to print multi-labels by clicking Save/Print key. Default should be set to 1 for printing only one label.
Print Delay Time	Touch this to set a delay (in seconds) between pressing the SAVE key and printing.
Price Function	Touch this to enable a price field on the Product ID data base. If ON ; Price, price unit, Expiry date and third date variables will be enabled. This is only for printing labels / tickets, doesn't appear on any display on the home / total / reports display.
Save Function	Touch this to enable or disable updating unit weight value to the database during the counting operation sample entry.
Special DateTime	N/A
Scale Mode	Touch this to set Normal or Take Out mode.
Print Seconds	Touch this to enable printing data with seconds.
Feed Switch	N/A
Barcode Mode	Touch this to enable or disable assigning IDs in barcode function. See <i>Barcode on page 49</i> .
Barcode Data Set	Touch this to assign IDs in barcode when the barcode mode is ON. See <i>Barcode on page 49</i> .
Product Order Set	Touch this to sort product search list to product name/ product code/product number.
Percentage Function	Touch this to turn ON percentage. Home screen will show % key for selecting % weighing. Press and hold % key allows to switch back to normal weighing.
CSV Separator Setting	N/A
Print No Length Setting	Touch this to set the serial number printing length (1-7).

4.3.5 Calibration

Touch this item to perform the following calibration operations. See *Calibration on page* 57 for complete instructions on calibration procedures.

Load Calibration	Touch this to perform a normal calibration.
UnLoad Calibration	Touch this to calibrate scale my unloading test weight.

Zero Calibration	Touch this to perform the zero point calibration.
Linearity Calibration	Touch this to perform a linearity calibration.
Trim	Touch this to calibrate by using known calibration value.
Calibration Data	Touch this to check the last calibration data.
Corner Trim	Touch this to check each corner for weight difference.
Internal Count	Touch this to view internal counts.

4.3.6 Communications

Touch this item to see and set the following communication parameters.

Build-in Com	N/A
Com1	Touch this to set RS232 serial port communication.
Com2	Touch this to set RS232/422/485 port communication.
TTC Server Setting	N/A
Data Transfer Mode	For Data Transferring through Ethernet Communication Continue : Continues data transmission
	 ASK: PC command Operation; commands are <i>T</i>: Tare Operation <i>Z</i>: Zero Operation <i>W</i>: Get weighing data
	Save Mode : Get recording data when you click SAVE from the HOME display. "Sr.No, Product name, Weight, Quantity" Data will be sent to PC.
	This function works only when it's connected to the Ethernet. And the hyper terminal port number should be 10251
eth0	Touch this to set Wifi Communication parameters. This function will be enabled only when it's connected to Wi-FI hardware.

Mode key 4.4



Touch the **Mode** key to select for the following operation & printing options.

4.4.1 Save Only Check Weight Ok:

This allows you to save weighing records only when the check weighing range is in the OK range.

4.4.2 Print Ticket:

Choose the following printing options:

- *Always*: Each weighment prints automatically
- *No*: Printing function turned Off
- **ASK**: Display will ask if you want to print after every weighment.

4.4.3 Auto Save:

Use this to setup the autosave functions.

Off:	Auto saving function turned off
Auto Load:	Data will be saved once weight is stable
Auto Unload:	Data will be saved while unloading goods from the platform.

4.4.4 Beep Mode:

Use this to setup up the beep operation.

Low:	Beep sound will activate when in Low range
Ok :	Beep sound will activate when in OK range
High:	Beep sound will activate when in High range
NG:	Beep sound will activate when out of the OK range. No Beep : Beep sound function is turned Off



Press the **Report** key to view and or print various reports: Daily Reports, Monthly Reports, Product Reports, Client Reports, ID Groups Report and Operator Reports. See examples of each below.

4.5.1 Daily Report

Select *Daily Report* to see the daily reports. Use the left or right arrow keys to move through the daily reports.



Press Detail to see the complete report.

Press Up or Down Arrow keys to see a different page:

			2015/12/1	4	
Daily Report>	No.	Product	Weight(kg)↑	Result	Quantity
	1	newop	49.95	no check	0
Monthly Repor	2	Basmati Rice	50.00	no check	0
	3	new	50.00	no check	0
Product Repor					
Client Report					
IDGroups Repo					
Back	\downarrow	1/1	<u>P</u> rint	<u>E</u> xport	<u>B</u> ack

Press the **EXPORT** key to export a report to a USB drive. The report will be exported as an Excel document. If a USB drive is not connected the export operation will not complete.

Press the **Print** key to print the report.



Press the **BACK / RETURN** key to go back to the previous step or press other report option to view reports.

It is required that Com and Pformat options are set before being able to print, Select Communication > Com and Pformat settings.

4.5.2 Monthly Report

Select monthly report to check the report and select month by using left or right arrow keys.

Select **Detail** option to get report.

Press Up or Down Arrow keys to see a different page:

Daily Report	2015/December							
bany nepore	No.	Date↓	Product	Weight(kg)	Result	Quantity		
Monthly Report >	1	2015/12/11	Ceramic Tile	93.70	no check	0		
	2	2015/12/11	Wheat	36.60	ok	0		
Product Report	3	2015/12/11	Rubber Cher	50.00	no check	0		
	4	2015/12/11	Medical Equi	50.00	no check	0		
Client Report	5	2015/12/11	Kitchen Equi	86.55	no check	0		
	6	2015/12/11	Sea Foods	86.60	no check	0		
IDGroups Report	7	2015/12/11	Chicken Prod	36.60	no check	0		
0t	8	2015/12/11	Chemicals	50.00	no check	0		
Operator Report	9	2015/12/11	Almonds	49.95	no check	320		
	10	2015/12/11	Basmati Rice	50.00	no check	0		
	11	2015/12/11	Chemicals	49.95	no check	0		
	12	2015/12/11	Basmati Rice	49.95	no check	0		
	13	2015/12/11	Almonds	49.95	no check	320		
	14	2015/12/11	Basmati Rice	49.95	no check	0		
				5				
Back	\downarrow	1/1	F	Print	Export	Back		

Press the **EXPORT** key to export a report to a USB drive. The report will be exported as an Excel document. If a USB drive is not connected the export operation will not complete.

Press the Print key to print the report.



Press the **BACK / RETURN** key to go back to the previous step or press other report option to view reports.

It is required that Com and Pformat options are set before being able to print, Select Communication > Com and Pformat settings.

4.5.3 Product Report

Select Product Report option to check the product report.

Daily Report		
Monthly Repor	Product	Date
	From ALL	From 2015/10/15
Product Repor	to ALL 🗸	to 2015/12/15
Client Report		
IDGroups Repr		<u>O</u> k
Back		15

Select Product *From* & *To* options in the list and select date in the *From* & *To* list and confirm by pressing **OK** to get the report.

Daily Repo				Dec _. .	2015				
Monthly Re		Sun	Mon	Jan Feb	Wed	Thu	Fri	Sat	
	49	29		Mar	2	3	4	5	
Product Re	50	6	7	Apr May	9	10	11	12	
	51	13	14	Jun	16	17	18	19	
Client Rep	52	20	21	Jul	23	24	25	26	
	53	27	28	Aug Sep	30	31	1	2	
IDGroups F	1	3	4	Oct	6	7	8	9	
Back				Nov Dec		<u>C</u> ar	ncel	<u>O</u> k	
Back									

Touch **Detail** key to get the detailed information:

Daily Report	Date:From 2015, Product ALL	10/15	to 20	15/1	2/15	
Monthly Repor	Product	Total	items	5	Total	Weight
Product Repor	Almonds		2		99.90)kg
Troduce Report	Basmati Rice		4		199.9	0kg
Client Report	Chemicals		2		99.95	ikg
	Chicken Products	5	1		36.60)kg
IDGroups Repo	Kitchen Equip		1	R	86.55	ikg
	edical Equipmer	1	1		50.00)kg
Back	↓ ↑ 1/3			<u>D</u> eta	il	<u>B</u> ack

Press Up or Down Arrow keys to see a different page:

Daily Report		<	2015/0	Decembe	r >	>
Monthly Report >						
Product Report						
Client Report		Total iter	ns:	Tota	al Weigh	it:
IDGroups Report						
Operator Report						
		14		789	9.80)kg
						_
			De	etail		
Back						
			Produc	t report		
Daily Report	No	Product↑		t report	Quantity	Date
Daily Report	No.	Product↑ Almonds	Produc Weight(kg) 49.95	Result	Quantity 320	Date 2015/12/1
	1	Almonds	Weight(kg)	Result		2015/12/1
Daily Report			Weight(kg) 49.95	Result no check	320	2015/12/12 2015/12/12
	1 2	Almonds Almonds	Weight(kg) 49.95 49.95	Result no check no check	320 320	2015/12/1 2015/12/1 2015/12/1
	1 2 3	Almonds Almonds Basmati Rice	Weight(kg) 49.95 49.95 49.95	Result no check no check no check	320 320 0	2015/12/12 2015/12/12 2015/12/12 2015/12/12
Monthly Repor	1 2 3 4	Almonds Almonds Basmati Rice Basmati Rice	Weight(kg) 49.95 49.95 49.95 49.95 50.00	Result no check no check no check no check	320 320 0 0	2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12
Monthly Repor	1 2 3 4 5	Almonds Almonds Basmati Rice Basmati Rice Basmati Rice	Weight(kg) 49.95 49.95 49.95 49.95 50.00	Result no check no check no check no check no check	320 320 0 0 0	2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/14
Monthly Repor	1 2 3 4 5 6	Almonds Almonds Basmati Rice Basmati Rice Basmati Rice Basmati Rice	Weight(kg) 49.95 49.95 49.95 49.95 50.00 50.00	Result no check no check no check no check no check no check	320 320 0 0 0 0	2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1
Monthly Repor Product Repor Client Report	1 2 3 4 5 6 7	Almonds Almonds Basmati Rice Basmati Rice Basmati Rice Chemicals	Weight(kg) 49.95 49.95 49.95 50.00 50.00 49.95 50.00 50.00	Result no check no check no check no check no check no check no check	320 320 0 0 0 0 0	2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1
Monthly Repor	1 2 3 4 5 6 7 8	Almonds Almonds Basmati Rice Basmati Rice Basmati Rice Basmati Rice Chemicals Chemicals	Weight(kg) 49.95 49.95 49.95 50.00 50.00 49.95 50.00 36.60	Result no check no check no check no check no check no check no check	320 320 0 0 0 0 0 0 0	2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1 2015/12/1
Monthly Repor Product Repor Client Report	1 2 3 4 5 6 7 8 9	Almonds Almonds Basmati Rice Basmati Rice Basmati Rice Basmati Rice Chemicals Chemicals Chicken Produ	Weight(kg) 49.95 49.95 49.95 50.00 50.00 50.00 36.60 86.55	Result no check no check no check no check no check no check no check no check	320 320 0 0 0 0 0 0 0 0 0	Date 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12
Monthly Repor Product Repor Client Report	1 2 3 4 5 6 7 8 9 10	Almonds Almonds Basmati Rice Basmati Rice Basmati Rice Chemicals Chemicals Chicken Produ Kitchen Equip	Weight(kg) 49.95 49.95 50.00 50.00 49.95 50.00 36.60 86.55 50.00	Result no check no check no check no check no check no check no check no check no check	320 320 0 0 0 0 0 0 0 0 0 0	2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12 2015/12/12

Press the **EXPORT** key to export a report to a USB drive. The report will be exported as an Excel document. If a USB drive is not connected the export operation will not complete.

Press the Print key to print the report.



Press the **BACK / RETURN** key to go back to the previous step or press other report option to view reports.

It is required that Com and Pformat options are set before being able to print, Select Communication > Com and Pformat settings.

4.5.4 Client Report

Select *Client Report* option to check the product report.

Select Client *From* & *To* options in the list and select date in the *From* & *To* list and confirm by pressing **OK** to get the report.

Daily Report					
Monthly Repor	Client			Date	
	From	ALL	~	From	2015/11/15
Product Repor	to	ALL	~	to	2015/12/15
Client Report]		
IDGroups Repo			<u>0</u>	<u>k</u>	
Back					ß

Touch **Detail** key to get the detailed information:

Daily Report	Date:From 2015/11 Client ALL	/15 to 2015/:	12/15
Monthly Repor	Client To	tal items	Total Weight
Product Repor	tural -horticultur	6	309.70kg
Troduce Report	ting Equipment !	3	149.95kg
Client Report	uilding Chemical	2	99.95kg
	Coffee Importers,	2	99.90kg
IDGroups Repo	Cabinets & Equi	1 💫	86.55kg
	Equipment Dist	1	50.00kg
Back	↓ ↑ 1/2	Det	ail <u>B</u> ack

Press Up or Down Arrow keys to see a different page:

Γ	▲			Client	t report			
Daily Report		No.	Client 1	Weight(kg)	Resul	t	Quantity	Date
		1		49.95	no che	ck	0	2015/12/1
Monthly Repor		2		49.95	no che	ck	320	2015/12/1
		3		49.95	no che	ck	0	2015/12/1
		4		49.95	no che	ck	0	2015/12/1
Product Repor		5		50.00	no che	ck	0	2015/12/1
		6		49.95	no che	ck	320	2015/12/1
Client Report		7		50.00	no che	ck	0	2015/12/1
		8		36.60	no che	ck	0	2015/12/1
		9		86.60	no che	ck	0	2015/12/1
IDGroups Repo		10		86.55	no che	ck	0	2015/12/1
	•	11		50.00	no che	ck	0	2015/12/1
Deals						-		
Back		\checkmark	↑ 1/2	P	rint	5	xport	<u>B</u> ack

Press the **EXPORT** key to export a report to a USB drive. The report will be exported as an Excel document. If a USB drive is not connected the export operation will not complete.

Press the **Print** key to print the report.

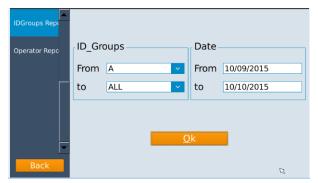
Press the **BACK / RETURN** key to go back to the previous step or press other report option to view reports.

It is required that Com and Pformat options are set before being able to print, Select Communication > Com and Pformat settings.

4.5.5 ID Groups Report

Select ID Groups Report option to check the report.

Select Group *From* & *To* options in the list and select date in the *From* & *To* list and confirm by pressing **OK** to get the report.



Touch **Detail** key to get the detailed information:



Press Up or Down Arrow keys to see a different page:

				ID_Grou	ips report		
Daily Report		No.	ID_Groups 1	Weight(kg)	Result	Quantity	Date
		1	A	49.95	no check	0	2015/12/11
Monthly Repor		2	В	49.95	no check	320	2015/12/11
		3	A	49.95	no check	0	2015/12/11
		4	С	49.95	no check	0	2015/12/11
Product Repor		5	A	50.00	no check	0	2015/12/11
		6	В	49.95	no check	320	2015/12/11
Client Report		7	С	50.00	no check	0	2015/12/11
IDGroups Repo	•						
Back		\downarrow	1/1	P	rint 🛽 🖻	xport	<u>B</u> ack

Press the **EXPORT** key to export a report to a USB drive. The report will be exported as an Excel document. If a USB drive is not connected the export operation will not complete.

Press the **Print** key to print the report.



Press the **BACK** key to go back to the previous step or press other report option to view reports.

4.5.6 Operator Report

Select **Operator Report** option to check the report.

Select user_name *From* & *To* options in the list and select date in the *From* & *To* list and confirm by pressing **OK** to get the report.

IDGroups Repo						
Operator Repo	user_i	name		Date		
	From	Technician	~	From	10/10/2015	
	to	ALL	~	to	10/10/2015	
		_				
-			<u>C</u>	<u>)</u> k		
Back						R

Touch **Detail** key to get the detailed information.

Product Repor	Date:From 2015 user_name ALL	/11/15 to 2015/	12/15
Client Report	user_name	Total items	Total Weight
IDGroups Repo	Technician	13	696.10kg
is croups hept	admin	2	100.00kg
Operator Repo	operator	1	49.95kg
		ß	
Back	\downarrow \uparrow 1/1	<u>D</u> e	tail <u>B</u> ack

Press Up or Down Arrow keys to see a different page:

			user_na	me report		
Product Repor	No.	user_name↓	Weight(kg)	Result	Quantity	Date
	1	Technician	36.60	ok	0	2015/12/1
Client Report	2	Technician	50.00	no check	0	2015/12/1
	3	Technician	50.00	no check	0	2015/12/1
	4	Technician	86.55	no check	0	2015/12/1
IDGroups Repo	5	Technician	86.60	no check	0	2015/12/1
	6	Technician	36.60	no check	0	2015/12/1
Operator Repo	7	Technician	50.00	no check	0	2015/12/1
	8	Technician	49.95	no check	320	2015/12/1
	9	Technician	50.00	no check	0	2015/12/1
	10	Technician	49.95	no check	0	2015/12/1
	- 11	Technician	49.95	no check	0	2015/12/1
		L		<u> </u>	· · · ·	
Back	\downarrow	↑ 1/2	P	rint 🗖	Export	<u>B</u> ack

Press the **EXPORT** key to export a report to a USB drive. The report will be exported as an Excel document. If a USB drive is not connected the export operation will not complete.

Press the **Print** key to print the report.



Press the **BACK** key to go back to the previous step or press other report option to view reports.





Insert an external USB drive into the USB port to transfer data (import or export). If drive is not connected, display will be show **Please insert U disk**.

Press the **Data** key to select data transferring (Import / Export) option.

Weight		Import/Export	×	0.00 _{kg}
		Export ID Info to Excel	>	0.00
		Import ID Info from Excel	>	
		Import Printer Format	>	×Q
Low	ОК	Export Printer 🔊 rmat	>	
0.00kg		Import ID icon	>	×
	0%	Export Record to Excel	>	
	070			
Count: 4	Total:			×
Total		Save G/N	Sample	g+ uw

4.6.1 Export ID info to Excel

Select *Export ID Info to Excel* option to send data from the indicator to the external USB drive.

Data will be saved to the external USB drive in Excel format. It can be uses to edit, update or save into another indicator.

Help	「(K:) ▶ Car ▶ DataBase ▶ check		✓ ⁴ → Search cł	ICCK
th 🔻 🛛 Burn	New folder			8
*	Name	Date modified	Туре	Size
	🖾 client.csv	2015-12-11 9:43 AM	Microsoft Excel C	4 K
	🖾 id1.csv	2015-12-11 10:21	Microsoft Excel C	1 K
-	🖾 id2.csv	2015-12-11 10:21	Microsoft Excel C	1 K
	街 id3.csv	2015-12-11 10:21	Microsoft Excel C	1 K
	🖳 id4.csv	2015-12-11 10:22	Microsoft Excel C	1 K
	🖳 id5.csv	2015-12-11 9:43 AM	Microsoft Excel C	1 K
	🔄 id6.csv	2015-12-11 10:22	Microsoft Excel C	1 K
	🖳 idgroup.csv	2015-12-11 9:43 AM	Microsoft Excel C	1 K
	🖳 operator.csv	2015-12-11 9:43 AM	Microsoft Excel C	1 K
	product.csv	2015-12-11 9:43 AM	Microsoft Excel C	3 K

4.6.2 Import ID info from Excel

Select *Import ID Info from Excel* option to import Excel data from the USB drive to the indicator.



In the USB port, data file should be in the **Car > Database > check** folders.

Help	(K:) ▶ Car ▶ DataBase ▶ check		✓ [€] Search cl	теск
th ▼ Burn	New folder			
*	Name	Date modified	Туре	Size
	🖳 client.csv	2015-12-11 9:43 AM	Microsoft Excel C	4 KI
	🛃 id1.csv	2015-12-11 10:21	Microsoft Excel C	1 KE
_	id2.csv	2015-12-11 10:21	Microsoft Excel C	1 KI
	🔄 id3.csv	2015-12-11 10:21	Microsoft Excel C	1 KI
	🖳 id4.csv	2015-12-11 10:22	Microsoft Excel C	1 KI
	🕮 id5.csv	2015-12-11 9:43 AM	Microsoft Excel C	1 KI
	🛃 id6.csv	2015-12-11 10:22	Microsoft Excel C	1 KI
	🔄 idgroup.csv	2015-12-11 9:43 AM	Microsoft Excel C	1 KI
	🖳 operator.csv	2015-12-11 9:43 AM	Microsoft Excel C	1 KI
	product.csv	2015-12-11 9:43 AM	Microsoft Excel C	3 KE

4.6.3 Import Printer Format

Select Import printer format option to download data from the external USB drive.

<u>T</u> ools <u>H</u> elp				
Share with 🔻	Burn New folder			
s	▲ Name	^	Date modified	Туре
ces	📕 LabelFormat		2015-12-15 5:49 PM	File folder
	🍌 LabelTotal		2015-12-15 5:49 PM	File folder
nuals	📔 Receipt		2015-12-15 5:49 PM	File folder
	🎉 Report		2015-12-15 5:49 PM	File folder
	ReportForma	t	2015-12-15 5:49 PM	File folder

Data will be saved into the scale ID memory.



In the USB drive, print format data file folders should be in the **Format > checkWeighing** folders

4.6.4 Export Printer Format

Select *Export printer format* option to export currently available formats to the USB drive.

Data will be saved to the USB drive. It may help to update or edit formats based on the current formats.

Tools Hel	р			
Share with 🔻	Burn	New folder		
s	*	Name	Date modified	Туре
ces		🎍 LabelFormat	2015-12-15 5:49 PM	File folder
		🕌 LabelTotal	2015-12-15 5:49 PM	File folder
nuals	_	퉬 Receipt	2015-12-15 5:49 PM	File folder
		퉬 Report	2015-12-15 5:49 PM	File folder
		ReportFormat	2015-12-15 5:49 PM	File folder



In the USB drive, format data file folders will be save in the **Format > checkWeighing** folders

4.6.5 Import ID icon

Select *Import ID icon* option to download ID icons from the external USB drive. Data will be saved into the scale to select ID icon.

								×
Computer > R	AJITH-T (K:) 🕨 icon		- 47	Search icon			P
File Edit View Tools Help								
Organize	Burn	New folder						0
C Libraries ☐ Documents J Music F Pictures Videos	Î	D1.png	D2.png	P1.png	P2.png	P3.png	P4.png	
Computer Consputer Consputer Consputer Consputer Costa Disk (E) Costa Costa (E)	ш	T1.png	T2.png	T3.png	T4.png	Trans.png		
Network	-							
11 items								



USB port, data folder name should be icon.



The icon file should be in .png format with a size of approximately 20kb.

4.6.6 Export Record to Excel

Press *Export Record to Excel* option to send record data to the external USB drive. Data will be saved into the USB drive in excel file format.



Export data will be saved into the USB drive **Car \ DataBase** folder.

		Compu	ter 🕨 RA	JITH (J:)	→ Car → I	DataBase									
		w Tools	Help												
		-													
		🔣 Ope	n 🔻	Print	Burn	New folder									
		ads			Name	^			Date	modified					
		laces							Dute	mounted					
					🖳 record.	CSV			2015	-12-15 5:56 P	M				
		1													
	nn b A		- tie ci				* 0 00	Conditions	L Form	nat Cell	Insert Dele	te Format		ert & Find &	
→ B I U -	🗄 T 🧐 T 🗛 1		■ (# €)	E BE M	erge & Center	- \$ - %	• • • • • • • • • • • • • • • • • • •	Conditiona Formatting		ble * Styles *	Insert Dele	ete Format		ter ∗ Select	
d 🖙 For	nt r	ā.	Align	ment		Numb	er G		Styles		Cel	ls	E	diting	
A1 • (*)	$f_x = 0$														
		F	F	6	н		1	K		м	N	0	p	0	_
A B	C D	E Batch G		G Code	H	I weight we	J	K ult tare	L	M	N time	O user nam		Q unit we	ig
	C D Dier Client		iroup		H Transport Batch A	I weight we 5000	J light_urres 0		L (time	O user_nam Techniciar		Q unit_we	ig
A B 0 Material supp	C D blier Client Agricultur	Batch G	iroup 100	Code	Transport		~	ult tare		date	time 02:11:12	user_nam		unit_we	ig
A B 0 Material supp 1 Almonds	C D Dier Client Agricultur Agricultur	Batch G Container	Froup 100 100	Code Jack	Transport Batch A	5000	0	ult tare 0		date 2014-04-07	time 02:11:12 02:11:21	user_nam Techniciar		unit_we	ig 0
A B 0 Material supp 1 Almonds 2 Almonds	C D Diler Client Agricultur Agricultur Agricultur	Batch Container	Froup 100 100 100	Code Jack Jack	Transport Batch A Batch A	5000 7160	0	ult tare 0 0		date 2014-04-07 2014-04-07	time 02:11:12 02:11:21 02:13:14	user_nam Techniciar Techniciar		unit_we 0 0	
A B 0 Material supp 1 Almonds 2 Almonds 3 Almonds	C D Diler Client Agricultur Agricultur Agricultur	Batch G Container Container Container Container	Froup 100 100 100 100	Code Jack Jack Jack	Transport Batch A Batch A Batch A	5000 7160 10000	0 0 0 0	ult tare 0 0 0		date 2014-04-07 2014-04-07 2014-04-07	time 02:11:12 02:11:21 02:13:14 02:24:15	user_nam Techniciar Techniciar Techniciar		unit_we 0 0 0	
A B Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice	C D Dlier Client Agricultur Agricultur Agricultur Agricultur	Batch C Container Container Container Pick up	5roup 100 100 100 100 50	Code Jack Jack Jack Jack Mark	Transport Batch A Batch A Batch A Batch A	5000 7160 10000 10000	0 0 0 0 0 0	ult tare 0 0 0 0		date 2014-04-07 2014-04-07 2014-04-07 2015-09-25	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41	user_nam Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0	
A B 0 Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice 5 Almonds	C D Diler Client Agricultur Agricultur Agricultur Agricultur Coffee Im Coffee Im	Batch C Container Container Container Pick up	50000000000000000000000000000000000000	Code Jack Jack Jack Jack Mark John	Transport Batch A Batch A Batch A Batch A Batch B	5000 7160 10000 10000 5000	0 0 0 0 0	ult tare 0 0 0 0 0 0	0 0 0 0	date 2014-04-07 2014-04-07 2014-04-07 2015-09-25 2015-09-25	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41 02:24:48	user_nam Techniciar Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0 0	
A B 0 Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice 5 Almonds 6 Almonds	C D Diler Client Agricultur Agricultur Agricultur Agricultur Coffee Im Coffee Im	Batch C Container Container Container Pick up Pick up Container	5roup 100 100 100 100 50 50 50 100	Code Jack Jack Jack Mark John John	Transport Batch A Batch A Batch A Batch A Batch B Batch B Batch B	5000 7160 10000 10000 5000 10000	0 0 0 0 0 0	ult tare 0 0 0 0 0 0 0	0 0 0 0 0	date 2014-04-07 2014-04-07 2014-04-07 2015-09-25 2015-09-25 2015-09-25	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41 02:24:48 09:50:47	user_nam Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0 0 0 0 0 0	0
A B 0 Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice 5 Almonds 6 Almonds 7 Basmati Rice	C D Diler Client Agricultur Agricultur Agricultur Agricultur Coffee Im Agricultur Coffee Im Agricultur Coffee Im	Batch C Container Container Container Pick up Pick up Container	5roup 100 100 100 50 50 50 100 50	Code Jack Jack Jack Mark John John Mark	Transport Batch A Batch A Batch A Batch A Batch B Batch B Batch B Batch A	5000 7160 10000 10000 5000 10000 49.95	0 0 0 0 0 0 0	ult tare 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	date 2014-04-07 2014-04-07 2014-04-07 2015-09-25 2015-09-25 2015-09-25 2015-12-11	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41 02:24:48 09:50:47 09:50:55	user_nam Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
A B 0 Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice 5 Almonds 6 Almonds 7 Basmati Rice 8 Almonds	C D Diler Client Agricultur Agricultur Agricultur Agricultur Coffee Im Agricultur Coffee Im Agricultur Coffee Im	Batch C Container Container Container Container Pick up Pick up Container Pick up Container	iroup 100 100 100 50 50 100 50 100	Code Jack Jack Jack Mark John John Mark John	Transport Batch A Batch A Batch A Batch A Batch B Batch B Batch A Batch B	5000 7160 10000 10000 5000 10000 49.95 49.95	0 0 0 0 0 0 0 0 0	ult tare 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	date 2014-04-07 2014-04-07 2014-04-07 2015-09-25 2015-09-25 2015-09-25 2015-12-11 2015-12-11	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41 02:24:48 09:50:47 09:50:55 09:51:17	user_nam Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
A B 0 0 Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice 5 Almonds 6 Almonds 7 Basmati Rice 8 Almonds 9 Basmati Rice	C D blier Client Agricultur Agricultur Agricultur Coffee Im Coffee Im Coffee Im Agricultur Coffee Im Agricultur Building C	Batch C Container Container Container Container Pick up Pick up Container Pick up Container	iroup 100 100 100 100 50 50 100 50 100 75	Code Jack Jack Jack Mark John John Mark John Mark	Transport Batch A Batch A Batch A Batch A Batch B Batch B Batch A Batch B Batch A	5000 7160 10000 5000 10000 49.95 49.95 49.95	0 0 0 0 0 0 0 0 0 0	ult tare 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	date 2014-04-07 2014-04-07 2015-09-25 2015-09-25 2015-09-25 2015-12-11 2015-12-11	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41 02:24:48 09:50:47 09:50:55 09:51:17 09:52:07	user_nam Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
A B 0 0 Material supp 1 Almonds 2 Almonds 3 Almonds 4 Basmati Rice 5 Almonds 6 Almonds 7 Basmati Rice 8 Almonds 9 Basmati Rice 10 Chemicals	C D blier Client Agricultur Agricultur Agricultur Coffee Im Coffee Im Coffee Im Agricultur Coffee Im Agricultur Building C	Batch Container Container Container Container Pick up Pick up Container Pick up Container Tractor Container	iroup 100 100 100 100 50 50 100 50 100 75 100	Code Jack Jack Jack Mark John John Mark John Mark Jack	Transport Batch A Batch A Batch A Batch A Batch B Batch B Batch A Batch B Batch A Batch B	5000 7160 10000 5000 10000 49.95 49.95 49.95 49.95	0 0 0 0 0 0 0 0 0 0 0 0 0	ult tare 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	date 2014-04-07 2014-04-07 2015-09-25 2015-09-25 2015-09-25 2015-12-11 2015-12-11 2015-12-11	time 02:11:12 02:11:21 02:13:14 02:24:15 02:24:41 02:24:48 09:50:47 09:50:55 09:51:17 09:52:07 10:53:56	user_nam Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar Techniciar		unit_we 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0

4.7 Unit key



Press the **UNIT** key to choose the unit of measure for the scale.

4.8 Logout key

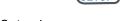
Press the **Logout** key to log the user out of the scale.

5 Barcode

5.1 Barcode setup

Follow the steps below to setup the barcode function for the scale.

1. Press the SETUP key, SETUP





2. Press the **Setting** key.

The Setting screen appears.

→0←⊾⊿	Technician	Max 30kg Min 200g d=10g	A1.14A.05	2017/10/	24 15:45
Setting		Operation	Setting		•]
	Print Times	i		1	▶_
Basic Information >	Price Funct	ion		OFF	
🛄 System Setting 🔷	Save Funct	ion		OFF	0
🕼 Weighing Setting >	Special Dat	eTime		OFF	
Operation Setting >	Scale Mode	2	No	rmal Mode	>
	Print Secor	ıds		OFF	0
Calibration >	Feed Switc	h		ON	0
$_{ m th}$ Communication $ ightarrow$	Barcode M	ode		ON	۲
Back	Barcode Da	ata Set			>
Dack	Product Or	der Set	Proc	duct Name	> 🔨

- 3. Press *Operation Setting* on the left side of the screen above.
- 4. Select *Barcode Mode* and be sure it is set to ON so you can continue.

5. Select Barcode Data Set.

The following is displayed:

→0←⊾⊿	Technician	Max 30kg Min 200g d=10g	A1.14A.05	2017/10/24 14:58
Setting	←	Barcode	e Data Set	
Setting	Input Le	ngth Of Bar Code	13	
Basic Information >		Start Bit	Data Length	_
\Box System Setting $ ightarrow$	Product	0	4	
4월 Weighing Setting >	Client	0	0	
	ID1	4	3	
Operation Setting >	ID2	7	2	
Calibration >	ID3	9	4	
🚓 Communication 🚿	ID4	0	0	
Communication >		0	0	
Back		Cancel	Confirm	

5.1.1 Barcode Data:

Example: Length of barcode: 13 digit barcode



Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
Start Bit	0	1	2	3	4	5	6	7	8	9	10	11	12

Input Length of Barcode: used to set to barcode length

Start bit:

used to enter start bit of the barcode

Data length:

used to enter each id's required length of the code.

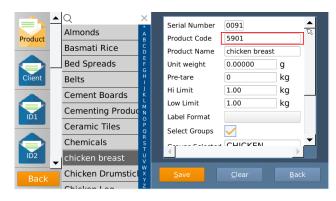


Total "data length" must be same as the "Length of barcode".

5.1.2 Code Settings on ID's

1. **Product Code**: Start bit: 0 and data length 4, Enter 4 digits of the barcode from the start bit 0

Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
Start Bit	0	1	2	3	4	5	6	7	8	9	10	11	12

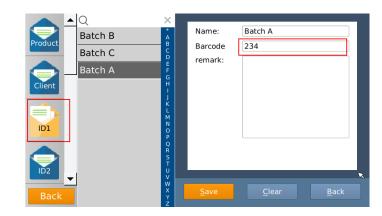


2. Client: Start bit: 0 and data length 0, N.A

Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
Start Bit	0	1	2	3	4	5	6	7	8	9	10	11	12

3. **ID1**: Start bit: 4 and data length 3, Enter 3 digits of the barcode from the start bit 4

Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
Start Bit	0	1	2	3	4	5	6	7	8	9	10	11	12



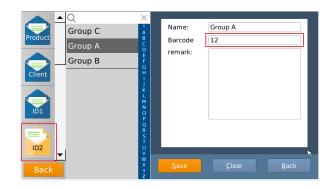
4. **ID2**: Start bit: 7 and data length 2, Enter 2 digits of the barcode from the start bit 7

Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
Start Bit	0	1	2	3	4	5	6	7	8	9	10	11	12

Product Client	Q Group C Group A Group B	× A B C D E F G H I J K L M N O P O R S T	Name: Barcode remark:	Group A 12
ID2	J	U V W X Y Z	<u>S</u> ave	<u>C</u> lear <u>B</u> ack

5. **ID3**: Start bit: 9 and data length 4, Enter 4 digits of the barcode from the start bit 9

Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
Start Bit	0	1	2	3	4	5	6	7	8	9	10	11	12



5.1.3 Barcode Scanning

Use a compatible barcode scanner and scan the barcode.

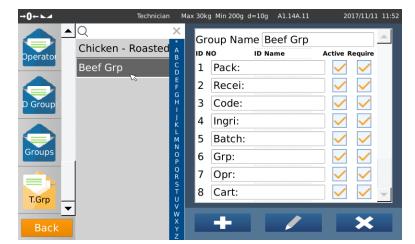
	Barcode	5	9	0	1	2	3	4	1	2	3	4	5	7
--	---------	---	---	---	---	---	---	---	---	---	---	---	---	---

The display will show the assigned ID's automatically.

+0+ ⊾ Weight		Technician		n 200g d=10g	^{A1.14A.11} Tare GS	0.0)0 _{kg}
Low 1.20kg	ОК	High 1.20kg	Product	Chicke	en Leg	9	×
	0%		Pack:	Batch	А		×
Count: 6	Total:	2.70kg	Recei: *	Group	А		×V
Total	Save	G/N Samp	g+	+0 ← Zēro	Tare	Clear ID	Menu

Adding T.Grp ID data 5.2.1

Scroll down the list on the left side of the screen and select T.Grp.



Group name:	Used to select the Trace Group Name
ID name:	Used to select the ID's folder name for the each group name
Active:	Used to enable ID
Require:	Used to assign ID. If not selected, the display will prompt for you to choose the ID

5.2.2 Adding Product name with T.Grp and Id info Set

→0←⊾⊿	Technician	Max	30kg Min 200g d=10g	A1.14A.11	2017/11/11 11:51
	Q	×	Unit weight	0.00000	g 🔺
Product	Beef	AB	Pre-tare	0	kg
Troduct	Chicken Leg	C D	Hi Limit	2.00	kg
	lamb-S	E F	Low Limit	2.00	kg
Client	seafood	G H	Expiry Date	25	
	sealoou		Third Date	35	
		K L	Groups	Beef	•
Pack:		M N	Label Format		
		P Q	Select Groups	V ID Info S	et:
Recei:	1	R S T U V	Groups Selected	Beef Grp	
Back		W X Y Z			×

By selecting Select Group you can choose the T.Grp name from the list.

Chicke - Roaste 0001 - Roaste Grp 0002	Q X
	<u>N</u> ew <u>B</u> ack

By selecting *ID info Set* you can assign ID names from each ID list.



5.2.3 Select a product assigned with Trace group and preset ID's

assigned ID fields.

A1.14A.1 Tare 0.00 0.00 Chicken Leg Product Low High ΟК 1.20kg 1.20kg Batch A 0% 2.70kg Group A Count: 6 Total +0+ g G/N â

Select a product name with assigned trace group. All preset IDs will be shown on the

If the assigned ID doesn't have the data, a prompt message appears to choose the assigned ID.

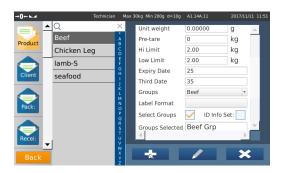
0+ ⊾ /eight		Tech		Max 30kg	Min 200g d=		^{A1.14A.11} Tare	2017/11/11 11:1 0.00 kg		
							GS	0.0)0 kg	
				Prom	ipt					
Low 2.00kg	ОК								×	
			Pleas	se Selec	t Recei	:!				
_	0%								×	
Count: 6	Total:			necer:					×	
		G/N	A	g,	+0		-	C		
Total	Save	G/N	Samp			0	Tare	Clear ID	Menu	

Must be fill up "*" marked ID fields for save/print weighments. If not, display would be prompt a message for entering "*" marked ID fields.



B240 Counting Scale User Instructions

5.2.4 Select a product assigned with Trace group without selecting ID info



By choosing a product would prompt and open ID names window automatically, and follow to complete to enter all remaining ID fields.



You must select **Require** in the T.Grp category screen to cause a prompt to appear on the display automatically to open ID names.

6 Calibration

Follow these steps to perform calibration of the B240.



You will be prompted for a password during the calibration process. The default password is **000000**.

1. Press the SETUP key, SETUP

The Setup keys appear.



2. Press the **Setting** key.

The Setting screen appears.

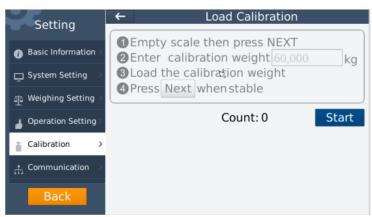
Setting	←		0١	verLoad Inf	ō	
Setting	NO.	Туре	weight	date	time	$\uparrow_{\mathbf{x}}$
Basic Information >	57	UL	-3.525kg	18/09/2015	03:48:26	~
•	58	OL	1316.21kg	18/09/2015	03:48:35	
System Setting >	59	UL	-1.005kg	18/09/2015	03:48:39	
- · ·	60	OL	10975.3kg	18/09/2015	03:48:50	\downarrow
🐴 Weighing Setting >	61	UL	-0.315kg	18/09/2015	03:51:57	
T	62	UL	-0.3kg	18/09/2015	03:53:21	
Operation Setting >	63	UL	-0.1kg	18/09/2015	03:53:43	5/
	64	UL	-0.25kg	07/04/2014	02:15:02	
Calibration >	65	UL	-0.305kg	07/04/2014	06:02:42	_
•	66	UL	-0.21kg	07/04/2014	05:28:44	Clear
$_{ m fh}$ Communication $ ightarrow$	67	UL	-1520kg	07/04/2014	08:21:04	Liear
m	68	UL	-1680kg	07/04/2014	02:13:57	
	69	OL	143280kg	30/09/2015	15:48:52	Back
Back	70	UL	-5000kg	08/10/2015	16:40:54	Dack

3. Touch *Calibration* in the list on the left side of the screen.

The screen below appears.

Cotting	Calibration	
Setting	Load Calibration non calibration	>
Basic Information >	UnLoad Calibration non calibration	>
System Setting	Zero Calibration	>
	Linearity Calibration	>
Weighing Setting >	Trim	>
Operation Setting >	Calibration Data	>
👔 Calibration 🛛 🖓 >	Angle Adjust	>
🕂 Communication 🚿	Updata Calibration Data	>
	Internal Count 0	>
Back		

4. Touch *Load Calibration* at the top of the list.



- 5. Press the **Start** key.
- 6. Empty the scale then touch **NEXT**.

Be sure the display shows 0 weight.

2: Enter Calibration weight xxxxxx kg is displayed.

Any previous calibration weight value will be displayed as a blinking value. The numeric key board will be displayed.

- 7. Press **OK** to confirm this weight value or enter a new calibration weight and press **OK** to confirm.
- 8. Press the **NEXT** key.

3: Load Calibration Weight is displayed.

- 9. Place the calibration weight on the platform.
- 10. Press the **NEXT** key.

4: Press NEXT when stable is displayed.

11. Be sure the weight displayed is stable and press the **NEXT** key.

PASS xxxxxx (weight value) END is displayed.



If FAIL is displayed, start the calibration process again.

12. Touch *Internal Count* and see if counts go up as weight is applied. If not, repeat the calibration procedure.

Catting	Calibration		
Setting	Load Calibration	non calibration	;
Basic Information >	UnLoad Calibration	non calibration	;
System Setting →	Zero Calibration		;
	Linearity Calibration		;
Weighing Setting >	Trim		;
Operation Setting >	Calibration Data		;
Calibration 🛛 🖓 🗸	Angle Adjust		;
$_{ m th}$ Communication $ ightarrow$	Updata Calibration Data		;
	Internal Count	0	;
Back	\		

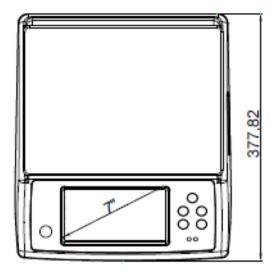
6.1 Next Cal Reminder

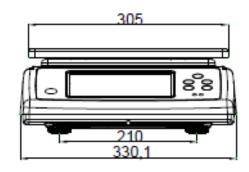
If want to be reminded of the next calibration date, click the cal reminder box. A reminder will be displayed when the due date is reached. while initial startup.

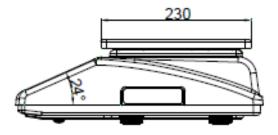
7 Specifications

7.1 General.

Capacity	6 / 15 / 30kg
External Resolution	3000e
	Max-1d
Tare range	
AD Type	Sigma delta
AD Speed	Max. 60 times/second
Internal Counts	1,000,000
Weighing Units	kg, g, tj, gj, lb, oz, lz
Load Cell Excitation	5VDC
Input Signal Range	0~20mv
Zero Point Signal Range	0~5mv
Load cell Sensitivity	1mv/v~3mv/v
Operation Temperature	-10~40C
Operation Humidity	<95%
Display	7" TFT LCD
Display resolution	800x480
Display H/V ratio	16:9
Touch Control Mode	Resistance Screen
Communication Interface	2xRS-232, 2xUSB, 1xRJ45,1RJ11
Optional interface	Wifi
CPU	A9
OS	LINUX
RAM	1GB
Data memory	8G NAND flash
Power	AC Adapter: 12V/2500mA Battery:6V/4Ah, plug is center positive

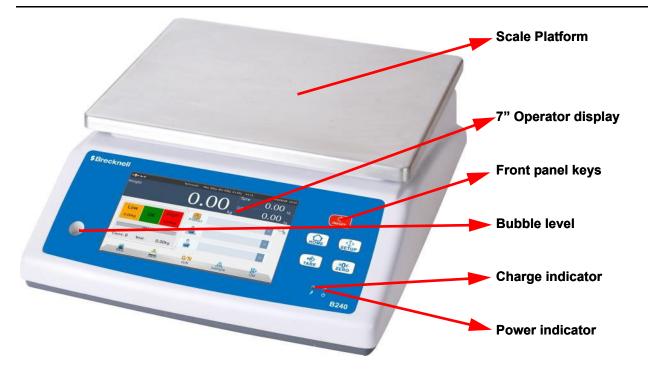




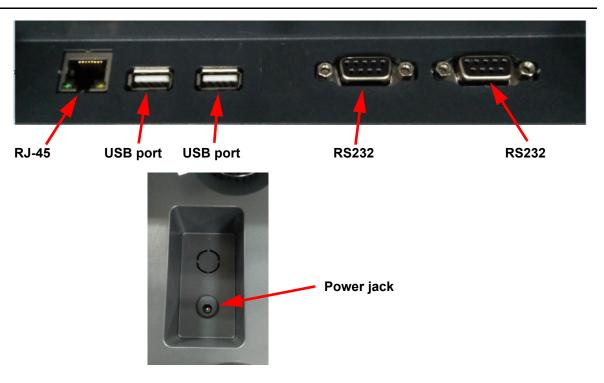


8 Parts description

8.1 Overall view



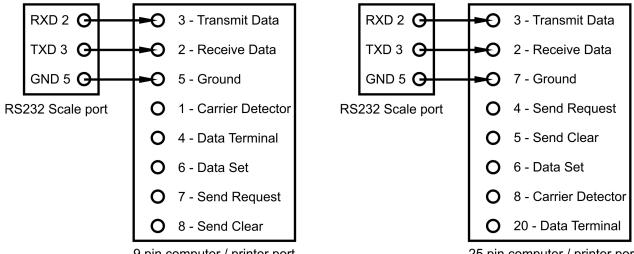
8.2 Connector's



The RS232 port is located under the scale. See the illustration in 7.2. It is a DB9 connector, and its signals are defined below.

Pin 2 : RXD
Pin 3 : TXD
Pin 4 : VCC
Pin 5 : GND

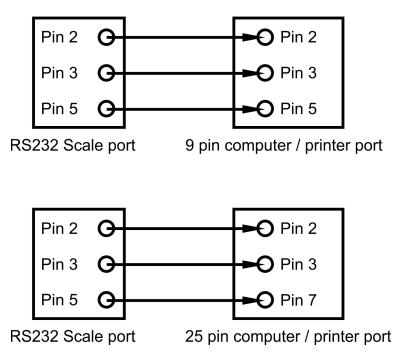
Serial interface: Scale - PC / Printer connection:



9 pin computer / printer port

25 pin computer / printer port

If not communicating, connect as shown below:



Comms PCB	AWT25-502482
TFT 7" display & display PCB	AWT25-502483
Replacement Overlay	AWT25-502484
7" touch screen	AWT25-502485
Main PCB	AWT25-502486
Loadcell (BX6 10kg)	AWT27-500246
(L6D 10kg by Zemic)	AWT27-500249
Loadcell (BX6 20kg)	AWT27-500247
(L6D 20kg by Zemic)	AWT27-500250
Loadcell (BX6 50kg)	AWT27-500251
(L6D 50kg by Zemic)	AWT27-500248
Top pan	AWT20-509301
Lead acid battery	DJW6-4.0 (6V-4.0AH)
Adjustable feet	AWT20-509302
power supply with UK-EU-plug adapters	AWT25-502488
power supply with USA plug adapters	AWT25-502489



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