

C Series

Count Scale

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SPECIFICATION

C Series									
Rated Capacity	g	2,500	3,000	5,000	6,000	12,000	6,000/15,000	25,000	30,000
	lb	5	6	10	12	25	12/30	50	60
Resolution(g)	g	0.5	0.5	1	1	2	2/5	5	5
	lb	0.001	0.001	0.002	0.002	0.005	0.005/0.01	0.01	0.01
Tare Range	g	Tare range 50% of full scale							
	lb								
Weight Range	g	10~2,500	10~3,000	20~5,000	20~6,000	40~12,000	40~15,000	100~25,000	100~30,000
	lb	0.02~5	0.02~6	0.04~10	0.04~12	0.1~25	0.1~30	0.2~50	0.2~60
Operating Temp., Humidity	-10 °C ~ +40 °C, 85 %								
Requirement Voltage	AC 220~230 V, 50/60 Hz								
	AC 110 V, 50/60 Hz								
Power Consumption	10 W								
Platform Size (mm)	325 (W)×215 (L)								
Product Size (mm)	340 (W)×350 (L)×130 (H)								
Weight	4.1 Kg								
Display	One side		weight : 5 digit, quantity : 5digit, unit weight : 6digit						
Preset Key	15 EA								
* Quantity Shortage Range	g	12.5	15	25	30	60	75	125	150
	lb	0.03	0.03	0.06	0.06	0.2	0.2	0.3	0.3
* Unit Weight Shortage Range	g	0.33	0.33	0.66	0.66	1.33	1.33	3.33	3.33
	lb	0.001	0.001	0.002	0.002	0.003	0.003	0.007	0.007

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1. Introduction

Thank you for purchasing our C (Count) series Counting scale. This electronic scale, during its process from manufacturing to dispatching, goes through a process of highly advanced quality care system and it is an outstanding machine, which especially has gone through thorough quality examination procedures. Before use, please read the instructions manual in order to fully utilize the features of this electronic Scale. We will continue to do our best to provide excellence in weighting practices.

- Installation Category II : This instrument is supplied from fixed installation.
- Pollution degree II : General environment without restriction for dust and moisture

* The protection provided by this scale may be impaired if it is used in a manner not specified by this manual.
 * Possible modifications can be made to this product in the future for quality and feature upgrading purposes.


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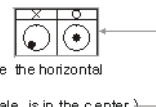
2. Installation and Details for Cautious Use

■ Correct Installation Procedures

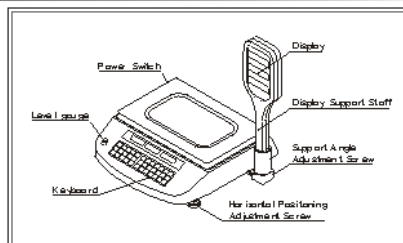
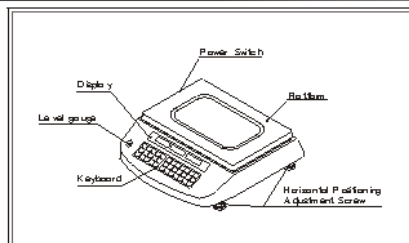
- This instrument is intended for indoor use only.
- Install in areas with no influence of heat, such as a direct ray of light and heater.
- Install away from areas with either strong magnetic force or electrical noise.
- Install on a flat and vibration-free platform.
- Install in areas with no dusts and moistures.
- Install in areas with no wind currents and radical thermal alterations.
- This instrument is not suitable for use at altitude above 2000m.

■ Details for Cautious Use

- Use a soft cloth with appliance of alcohol when polishing the scale.
- Keep out water or any liquid-type substance from the scale.
- Check to see if the scale is placed horizontally before use. If the scale is not in a horizontal position, use the horizontal positioning adjustment screw in order to adjust its position.
 (The scale is in a horizontal position if a vesicle, inside a leveling indicator located bottom left of the scale, is in the center.)
- When the scale is turned on, the display will be set to initial scaling condition after displaying the word "SCALE".
 In order to maintain its electrical safeties, warm up the machine for approximately 10 minutes before use.
- Make sure the weight display is set to "0 g" before use. If the display is not set to "0 g", use after setting the display to "0 g" by pushing the "Zero" Key.
- Make sure to turn the power "off" before changing the fuse.
- Make sure to use the  key when turning off the scale.
- A safely grounded outlet is strongly recommended for this instrument.

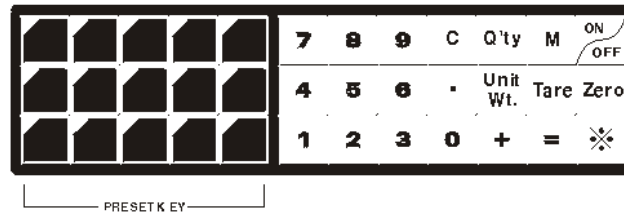


3. Name of Each part



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4. Keyboard Functions

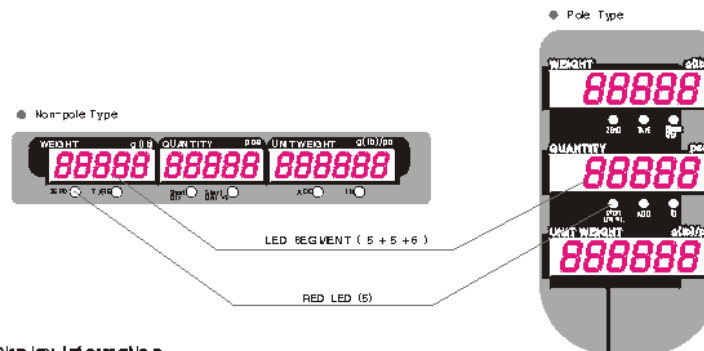


Keyboard Functions

Key	Key name	Function	Key	Key name	Function
	Preset key	Stores the unit price or calls up the unit price.		Quantity Key	Sets up the quantity of the scaled product.
	Number Key	Inputs data.		Unit weight Key	Sets up the unit weight of the scaled product.
	Decimal Point Key	Inputs decimal point.		Save Key	Saves the unit weight into a preset key.
	Delete Key	Deletes the inputted data.		Tare Key	Sets up tare or deletes the tare.
	Total Key	Shows the total add-up quantity.		Zero Key	Sets the weight display to "0".
	Add-up Key	Adds-up the quantities.		Power Key	Turns the scale on/off.
	Option Key				

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5. Display Information



Display Information

- WEIGHT: Indicates the weight of the scaled product.
- QUANTITY: Indicates the quantity of the scaled product.
- UNIT WEIGHT: Indicates the unit weight of the scaled product or key inputted data.

RED LED Information

- Zero: Indicated when the weight display is set to "0".
- Tare: Indicated when tare is under setup.
- Short Q'ty: Indicated when the quantity of the scaled product is within the "Quantity Shortage Range".
- Short Unit Wt.: Indicated when the unit weight of the scaled product is within the "Unit Weight Shortage Range".
- Add: Indicated when the quantities are being added up.
- lb: Indicated when weight unit is set to "lb".

Protection Earth, Caution and I/O Information



Protection earth




Caution

I/O : ON/OFF

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6. Instructions for Scale Operation


Procedures to Turn on the Instrument

- Turn on (ON or ●) the switch located bottom left of the scale and push the  key on the keypad.
- Pushing the ON/OFF key on the keypad will not turn on the scale unless the which is turned on.

Procedures to Set to Zero

- Used when the weight display is not set to "0", without having anything on the platform.



1. Push the  key



Procedures to Setup and Delete the Tare


- Used when the scaling liquid or grain type substances that require a container.

Setting up the tare

- Cases when the container weight is not known.

1. Place the container on the platform, (ex:20g)




2. Push the  key.



- Cases when the container weight is known.

1. Input the container weight using the number keys, (ex:20g)



2. Push the  key.



3. Place the container on the platform




- By setting the tare, weight display will show the scaled product weight excluding the container weight.
- Use after resetting the tare when the container weight has been changed.
- For the 15kg dual range scales, the tare can be inputted in the unit of 2g from 0~6kg and in the unit of 5g from 6~7.5 kg.

Deleting the tare

1. Remove the container from the platform, (ex:20g)



2. Push the  key.



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Procedures to Count by Setting up the Quantity

- Make sure the weight display is set to "0g".


1. Place the product on the platform (200g)




2. Input the quantity of the product using the number keys, (ex : 100ea)




- If the "Short Q'ty" LED is turned on, it means that the quantity of the scaled product placed on the platform is within the "Quantity Shortage" range
- For such condition, place more products on the platform until the "Short Q'ty" LED is turned off.

3. Push the  key.



4. When finished, push the  key to set back to initial scaling condition.



- Pushing the  key allows the display to show 1 average unit weight and total quantity of the scaled product. At such condition, it is possible to count the scaled product.


Procedures to Count by Setting Up the Unit Weight

1. Place the product on the scale platform (200g)




2. Input the unit weight of the product using the number keys, (ex:2g)



3. Push the  key.



4. When finished, push the  key to set to initial scaling condition.



- If the "Short Unit Wt" LED is turned on, it means that the unit weight of the scaled product is within the "Unit Weight Shortage" range
- Inaccuracy may result when measured in a condition with both "Short Q'ty" and "Short Unit Wt" LED turned on. Therefore, scale in a condition when both LEDs are completely turned off.

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Procedures to Add-up

- Although there are many products to be measured, the prices of the scaled products can be added up disregarding their unit weight.
- The number of add-up can be possible up to 99 times and the total add-up value can be possible up to 999,999.
- Inputted unit weight is preserved until the **C** key is pushed.

* When adding up 3 different products with the same unit weight

- ex: Unit weight is 2.5g and product A weights 250g, product B weights 500g, product C weights 750g.

1. Place product A on the platform.



3. Push the **UNIT Wt** key.



2. Input unit weight "2.5g" using the number keys.



4. Push the **+** key to add-up ("ADD" LED on)



* When adding products with different unit weight, it is necessary to push the **C** key in order to delete the previously inputted unit weight before repeating the procedures 1~4.

5. Replace product A with product B on the platform.

- Quantity of object B will automatically be displayed, since the inputted unit weight is preserved.



6. Proceed to add-up by pushing the **+** key.

- Number of times added and quantity will be displayed under quantity.



7. Replace product B with product C on the platform.

- Quantity of product C will automatically be displayed.



8. Remove the product and push the **=** key to confirm the total add-up quantity.



9. Pushing the **=** or **C** key will set back to initial counting condition.



10. Pushing the **C** key again will set back to initial scaling condition.



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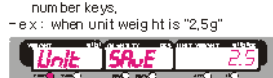
Procedures to Input a Preset Key (PLU Key) with a Unit Weight Value

- Use by saving the unit weight of the frequently scaled product into the preset key.(save up to 15 PLUs)

1. Push the **M** key.



2. Input the unit weight using the number keys.



3. Push the preferred preset key.

- At the same time of presetting the unit weight, weight display will be set to initial scaling condition.



* Reference : Unable to delete the inputted unit weight, Therefore inputting the preset key will automatically replace the old unit weight with the new one.

Procedures to Call up the Inputted Unit Weight

- While using by calling the inputted unit weight, will automatically display the corresponding quantity when product is placed on the platform.

* Cases when unit weight "2.5g" is saved into the first preset key.

1. Push the first preset key.



2. Place the object (In case : 500g) on the platform.



* Cases when adding up the products with different unit weight by using the preset key.

1. Push the preset key. (Unit Wt 2.5g)



2. Place the product(250g) on the platform.



3. Push the **+** key.



4. Remove the product



5. Push the second preset key.(Unit Wt 5g)



6. Place the product(500g) on the platform.



7. Push the **+** key.



8. Push the **=** key after removing the scaled product.



9. When finished, push the **C** key twice.



Procedures to Change the Weight Unit

- Push the **[]** and hold it for about 1 second.

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7. Error Indication and Its Information



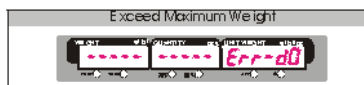
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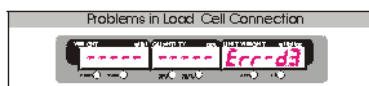
Check to see if there is anything on the platform.



(A / 8)



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The scale is experiencing vibrations or wind currents.
Place the scale in a stabilized condition.

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Warranty Regulations

1. Warranty Information and Term of Its Validity.

The scale's breakdown under normal operating condition is guaranteed for a repair with no charge for 1 year from the date of its purchase.

2. Exceptions for Guaranteed Service

Breakdown caused by following reasons are exceptions for guaranteed repair.

- When breakdown occurs by repairing or disassembling the scale with one's decision, without any approval from this company or this company's acknowledged and designated representative offices.
- Breakdown caused by lack of user's care.
- Interior remodeling; when damage is made by a person, not affiliated with this company trying to repair or to remodel the inner structure of the scale.
- Breakdown and damage caused by not abiding to the cautions during use.
- Breakdown or damage caused by natural disasters such as fire and flood.
- When the warranty verification is not presented.

3. Other.

A warranty Verification without official seal of approval is not valid.

Date of Visit	Reason for visit	Inspection result	Inspector

Warranty Verification

Serial no.	
Name of company	
Address	
Date of delivery (y/m/d)	
Scale department	Tel. no.
Address	
Scale serial	