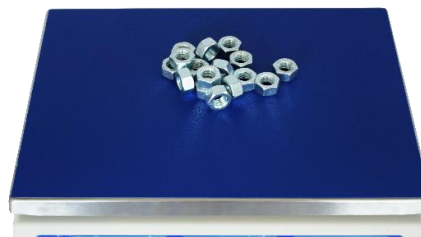


USER MANUAL

Jadever JCO

Please take time to read these instructions before starting to use the scale



Contents

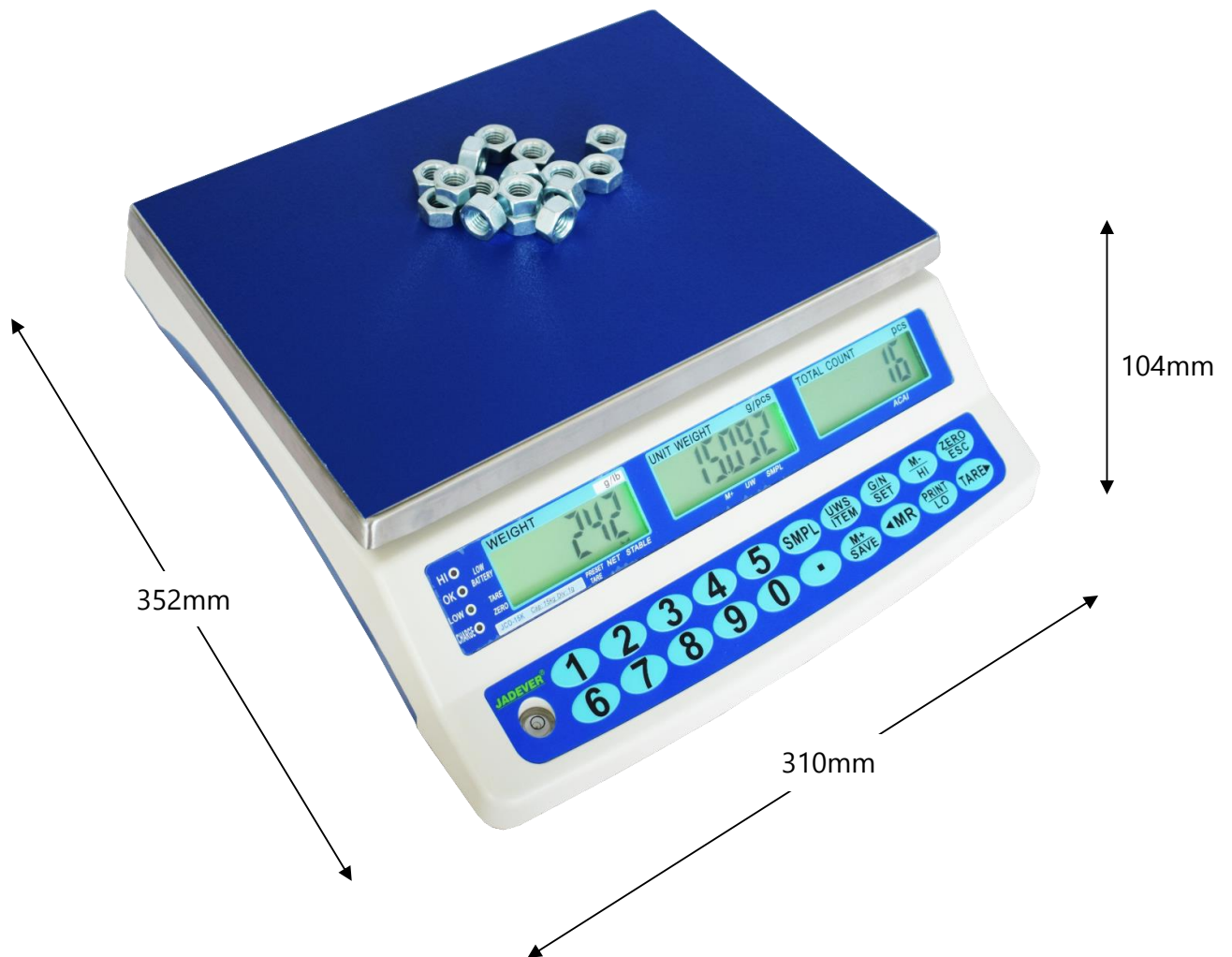
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Product Specification

Model	Jadever JCO
Capacity/Division	30kg x 2g; 15kg x 1g; 6kg x 0.5g
Display Resolution	1/15,000
Weight of Scale	Approximately 5kg
Units of Measure	Kg / g / lb
Dimensions	Depth – 352mm Width – 310mm Height – 104mm
Function Keys	0-9, SMPL, G N/SET, UWS/ITEM, M+/SAVE, M-/HI, ZERO/ESC, MR, PRINT/LO, TARE
Display	3 backlit LED displays (6/5/6 digits)
Power Supply	DC9v / 400mA Rechargeable battery (6V/4A)*
Operating Temperature	5 to 40°C

Please note: Marsden's policy is one of continuous development and therefore we reserve the right to change product specification without notice.

Dimensions



Function keys

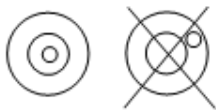
		Sampling mode	Sampling function Calculate the weight/ count of an item/items from a sample.
		Gross weight / net weight. Parameters setting (long press)	Gross weight and net weight shift Shift between gross and net weight after using the Tare function.
		Unit weight memory	Access the unit weight memory Access the weight data saved on the scale's memory.
		Accumulation	Accumulation Total up a number of weight readings.
		Clear the input figures. Upper limit setting.	Remove weight data saved on the scale's memory.
		Zero	Scale re-zero function Return the scale to a zero reading.
		Memory recall	Recall saved memory data Access data saved on the scale's memory.
		Print Lower limit setting	Print function Print weight data when a printer is installed.
		Tare	Tare function Remove unwanted weight from the reading.

Before using the Scale

1. Before using the scale, remove the shipping protection screw (rotate counterclockwise), which is located underneath the scale. This screw ensures protection of the load cell during transportation.
2. Fit the stainless steel pan over the plastic pan.

Levelling the Scale

To compensate for small surface irregularities or inclinations, the scale can be levelled. The scale is equipped with a level indicator at the front panel. Adjust the feet until the air bubble in the indicator is centered as shown.

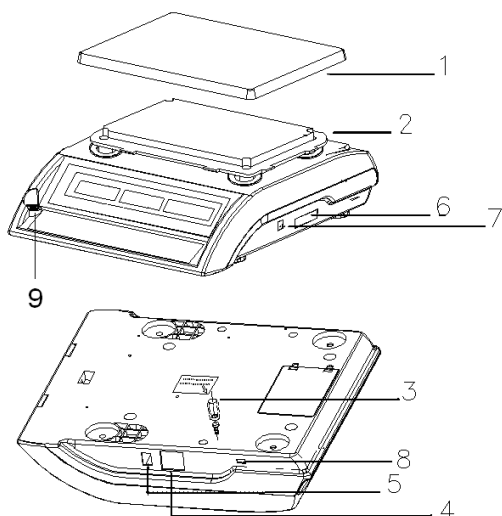


Note: The scale should be levelled each time it is placed on a new surface.

Power Supply

Make sure the rechargeable battery is installed in the battery box in the underside of the scale.

Alternatively, plug the adaptor into the port on the underside of the scale.



1. Stainless steel weighing pan
2. Plastic weighing pan
3. Transport protection screw
4. Power socket
5. On/Off switch
6. HI-LO-OX signal output and bi-direction RS-232 standard interface
7. Print button
8. Two-stage switch (110V&220V)
9. Bubble level indicator

Operation: Basic Functions

Switching on the Scale



The scale's ON/OFF switch is located underneath the scale. Press to power on the scale.



The scale will first test all of the display segments.



The scale will now go into weighing mode and should show 0kg on the display.

Switching off the Scale



Press the ON/OFF switch when the scale is turned on. The scale will now power down.

Setting the Scale to Zero



If for any reason the scale shows a reading other than 0kg it can be reset to zero.

Press the ZERO/ESC key once.



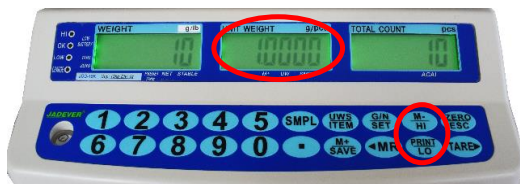
The scale will return to 0kg.

Operation: Advanced Functions

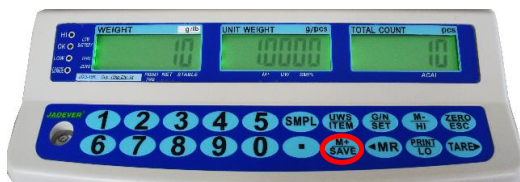
Tare and Pre-Set Tare Functions



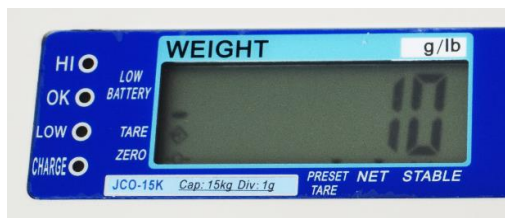
Press the TARE key for three seconds to enter Preset Tare setting mode.



Enter the weight of the container using the M/HI key to increase the weight and the PRINT/LO key to decrease the weight.



Press M+/SAVE to save the weight and return to normal weighing mode.

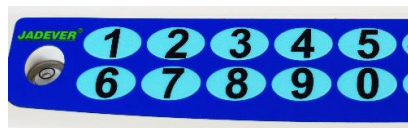


Add the items to the container and the weight of the container will be automatically tared from the total weight.

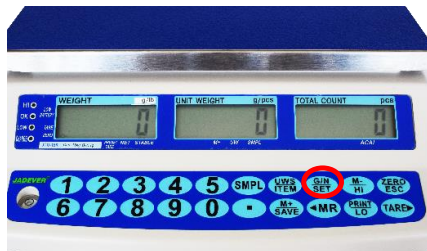
Upper Weight Limit Checking



Long press the M-/HI and the leftmost number will start to flash.



Use the numeric keys to edit the value or use the M-/HI and PRINT/LO keys to increase or decrease the value.



Press G N/SET to start or close weighing checking.

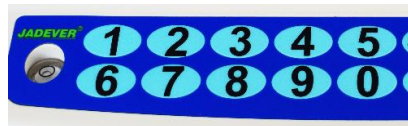


Press the M+/SAVE key to confirm and save or ZERO/ESC to return to weighing mode without saving.

Lower Weight Limit Checking



Long press the PRINT/LO key and the leftmost number will start to flash.



Use the numeric keys to edit the value or use the M-/HI and PRINT/LO keys to increase or decrease the value.

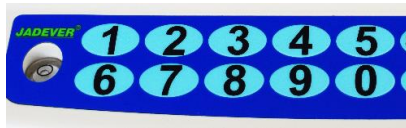


Press G N/SET to start or close weight limit checking.



Press the M+/SAVE key to confirm and save or ZERO/ESC to return to weighing mode without saving.

Basic Counting – Entering a Known Unit Weight



In weighing mode, use the numeric keys to input the unit weight.



Press the UWS/ITEM key.



Put the items on the weighing pan and the scale will start counting.

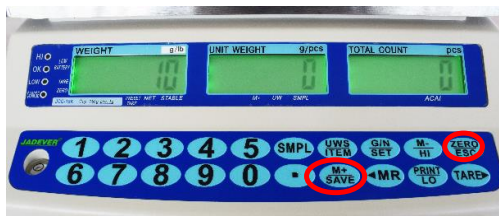
Basic Counting – Unit weight memory



When there is a weight displayed on the screen, press the UWS/ITEM key.



Enter a number for each unit weight. Use </MR or TARE/> key to shift and M-/HI or PRINT/LO key to change the value.



Press the M+/SAVE key to confirm and save or ZERO/ESC to return to weighing mode without saving.

Basic counting – Change the unit weight when counting



Press the UWS/ITEM key.



Press M-/HI to clear the value in the unit price screen.



Input the unit weight. Press </MR or TARE/> to shift and M-/HI or PRINT/LO to modify the value.



Press the M+/SAVE key to confirm and save or ZERO/ESC to return to weighing mode without saving.

Sample counting

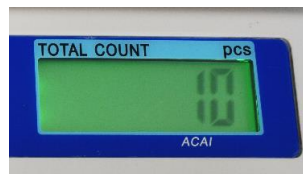


Before counting, you will need to weigh a sample so that the scale can determine unit weight.

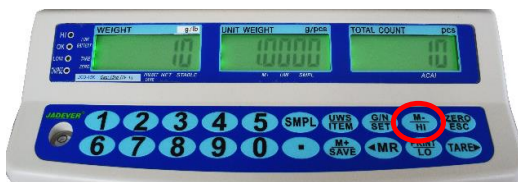
Place a sample of the items you wish to count onto the weighing pan (or into a tared container) and input the quantity using the numeric keys.



Press the SMPL key and the unit weight is calculated.



Remove the samples and begin adding items to count. The count will appear on the far right screen.



Press the M-/HI key to exit and return to weighing/counting mode.

Accumulation – adding up weight data



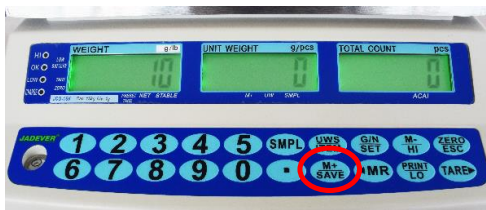
You can total up several batches using the accumulation function. To accumulate weight data, place the first item on the scale.



Press the M+ /SAVE key and the first weight is displayed for a moment before the display reverts to normal weighing mode.



Remove the first item(s) from the scale.



Put the second item on the scale and then press the M+ /SAVE key to add the second weight into the scale's memory. Repeat the process until all item(s) are added.



When all items are added press the < /MR key to display the total weight accumulated.

Accumulation – adding up count data



To accumulate count data first weigh a sample (see page 15).



Place the first item/items on the scale and press the UWS key.



Press M+ to save the count to the scale's memory. The item/items can then be taken off the scale.



Put the second item/items on the scale and press the M+/SAVE key to add the second batch count into the scale's memory. Repeat the process until all batches have been counted.



To recall the count information, press the </MR key. Use the </MR and TARE/> functions to scroll through the saved accumulation information. The accumulated data can be cleared using the M-/HI key.

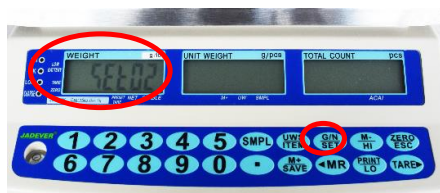
Switching from g to lb



Long press the G N/SET key to enter the setting mode.



Use the </MR and TARE> keys to shift between setting options.



Go to SET02 and press the G N/SET button to enter unit setting mode.



Use the </MR and TARE/> keys to shift between units (kg/g/lb).



To confirm the unit press the G N/SET button and return to normal weighing mode.

Error Messages

ERR0	Zero Range Exceeded The item on the pan should be within 2% of full load
ERR1	Mode Setting Error Adjust or reset the capacity first the adjust resolution. Resolution should be within 300-300000
ERR2	Initial Zero Point Exceeds 30% of Full Load Remove the obstacle article under the pan, or replace the load cell (contact Marsden / the manufacturer / your local dealer)
ERR3	A/D Resolution Range Exceeded Replace A/D or replace the load cell (contact Marsden / the manufacturer / your local dealer)
ERR4	EEPROM Chksum Failure Re-weld EEPRON (contact Marsden / the manufacturer / your local dealer)
ERR5	Scale Overloaded Remove the item from the scale
ERR6	Display Range Exceeded
ERR7	Accumulated Number of Weights Exceeds the Display Range
ERR8	Weight Limit Value is Higher Than the Full Load Value Reset the weight limit value
ERR9	Tare or Preset Tare Range Exceeded $0 < \text{Tare Value} < \text{Full Load}$