

**ESCALI CORPORATION**  
3203 Corporate Center Drive, Suite 150  
Burnsville, MN 55306  
USA

**PRODUCT SUPPORT**  
24/7 Online support: <https://escali.zendesk.com>  
Email support: [feedback@escali.com](mailto:feedback@escali.com)  
Phone support: 1-800-467-6408



**2 YEAR PROFESSIONAL GUARANTEE**

This scale is guaranteed to be free of defects in materials and workmanship. For more details visit: [www.escali.com/warranties](http://www.escali.com/warranties)

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*Escali*

**PRODUCT  
MANUAL**

**M-Series  
Multifunctional Digital Scale**



**[www.escali.com](http://www.escali.com)**

## NOTES:

### BATTERY INSTALLATION

1. Turn the entire scale upside down, and set it securely on a firm, flat surface.
2. Open the battery door by loosening the battery door screw.
3. Install **four UM2 size C** batteries in the battery compartment, ensuring that the positive/negative side is in the direction as shown in the cabinet.
4. Close the battery door and fasten it with the screw.

### BATTERY STATUS

- When the batteries are low, the message “**Lo**” will be displayed. Open the battery compartment, and replace the old batteries with new ones.
- Used batteries must not be disposed of as household waste. Do not incinerate batteries, because they might explode at high temperature. Contact your local recycling center for more information concerning reclamation, and disposal of batteries.
- When replacing batteries, always use brand new batteries of the same type.

### AC/DC ADAPTER (OPTIONAL)

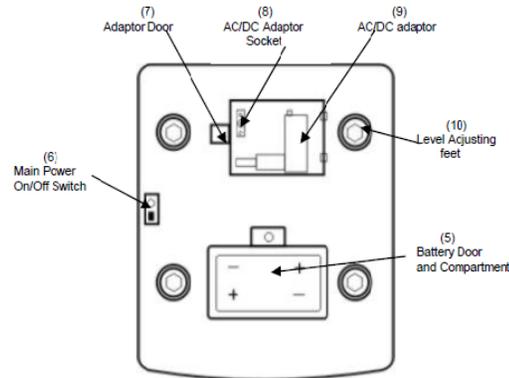
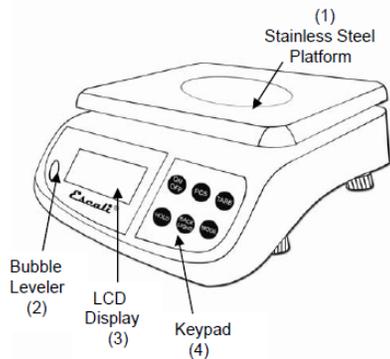
1. Open the adapter cabinet door
2. Plug the adapter jack into the socket.
3. Take out the adapter, and close the cabinet door.
4. Plug the adapter to the AC main

### LEVEL THE SCALE

When the scale is put to use at a new location, adjust the level of the scale by turning the 4 level adjusting feet until the bubble is located in the middle position of the bubble leveler.

## PART AND KEY DESCRIPTION

- |                             |                             |
|-----------------------------|-----------------------------|
| 1) Stainless Steel Platform | 6) Main Power On/Off Switch |
| 2) Bubble Leveler           | 7) Adaptor Door             |
| 3) LCD Display              | 8) AC/DC Adapter Socket     |
| 4) Keypad                   | 9) AC/DC Adapter            |
| 5) Battery door compart-    | 10) Level Adjusting feet    |



## PRODUCT SPECIFICATIONS

**Model:** M3315

**Capacity:** 33 lb / 15 kg

**Graduation:** 0.1 oz / 2 g

**Product Dimensions:**

10.25" x 11.75" x 4.25"

**Platform Dimensions:**

8.25" x 10.25"

**Power Source:** (4) C Batteries,  
Optional 9-volt wall adapter

**Automatic shut-off:** 2 minutes

**NSF Certified**

**Model:** M6630

**Capacity:** 66 lb / 30 kg

**Graduation:** 0.1 oz / 2 g

**Product Dimensions:**

10.25" x 11.75" x 4.25"

**Platform Dimensions:**

8.25" x 10.25"

**Power Source:** (4) C Batteries,  
Optional 9-volt wall adapter

**Automatic shut-off:** 2 minutes

**NSF Certified**

## ACTIVATING THE SCALE

1. Turn on the "power on/off switch"
2. Turn the scale on by pressing **ON/OFF** key.
3. The LCD screen will show all characters for a few seconds, and then "0.000▶" will be shown on the display.
4. The scale turns off automatically after being idle for two minutes.

## BACK LIGHT

You can turn the back light on or off by pressing the **BACK LIGHT** key.

## WEIGHING AN ITEM

1. Turn on the scale.
2. Place an item on the platform.
3. Exact weight of the item will be displayed.

## SELECTING WEIGHT UNIT

When the scale is powered on, press the **MODE** key to change weight unit according to the following sequence:

kg — lb — oz — lb/oz

## USING THE HOLD FUNCTION

When the item is on the scale platform, press the **HOLD** key once and then remove the item from the scale platform. The weight of the item will be held for 10 seconds with a "HOLD" icon displayed on the left side of the LCD.

## POWER OFF

1. The scale can be powered off manually by pressing the **ON/OFF** key.
2. For a total shut down; use the power switch on the side.

## USING THE TARE MODE:

1. Turn the scale on.
2. "0.000▶" will be shown on the display after a few seconds.
3. Place an item on the weighing platform, and read the value accordingly.
4. Press the **TARE** key; the weight of the item will be eliminated, and the reading will change to "0.000▶".
5. Place next item on the weighing platform, and note the reading.
6. Press **TARE** key again to show the total weight.
7. Repeat steps (4) to (6) when adding more items.

**Note:** The scale will display a negative reading when you remove all items. Press the **TARE** key once, and the negative reading will disappear.

## USING THE COUNTING MODE:

### A. SET SAMPLE SIZE

1. Turn on the scale.
2. Press and hold the **PCS** key for about 3 seconds until a flashing number is displayed.
3. Press the **MODE** key to select the sample size in the sequence of 10 → 20 → 40 → 60 → 80 → 100
4. Once you have determined your desired sample size; place the samples on the platform.  
(*Example: For a sample size of 10, place quantity of 10 onto the platform, for sample size of 20, place quantity of 20, etc.*)
5. Press the **PCS** key to confirm the sample size. You can now add, and subtract samples.
6. Press the **PCS** key again to return to weighing mode.

*Remark: The sample weight is memorized in the scale. You only need to repeat steps (2), (4), and (5) for different objects or sample size.*

## B. COUNTING

1. Turn on the scale.
2. Press the **PCS** key; the sample size set previously by the setting above will be memorized.
3. Place items onto the platform; the scale will calculate, and display the item count on the LCD.

*Remark: By pressing the TARE key; this will activate the accumulation of counting. See Tare Mode Steps*

In order to ensure accurate counting figure, the minimum unit sample weight must > 1d, and the counting size must not exceed 65535pcs. If over 65535pcs, the LCD will display "- - - -"

## PROPER USE & CARE

- Use and stow the scale at room temperature.
- Use on a flat, level, and stable surface.
- The scale is an instrument of precision. Do not submit the scale to shaking, excessive vibration or other rough treatment.
- The display may be affected by electromagnetic disturbances such as radios, microwaves, or cell phones. If such disturbances occur, remove the source of the disturbance, and restart the scale.
- Disassembling or tampering with the scale voids the warranty.
- Clean the scale with dish soap, and a damp cloth.
- Do not submerge in liquid; the scale is not waterproof.

## WARNING MESSAGES

EEEE	Overload warning
Out2	Load cell is damaged or needs recalibration
Unst	The scale is in a unstable environment
Lo	Low battery warning