



## DIGITAL COUNTING SCALE

M - Series

## OPERATING MANUAL

### INTRODUCTION

Congratulations on your purchase of our Multifunctional Scale.

In order to ensure the scale continues to deliver peak performance, please read these operation instructions carefully and thoroughly prior to initial usage.

### IMPORTANT

1. Read all instructions before operating the scale.
2. Follow the basic safety precautions for all office equipment when using this scale.
3. The manufacturer does not warrant this unit to be waterproof. Do not expose this product to rain or moisture.
4. Do not use the scale in direct sunlight. Keep it away from heating appliances such as an oven, stove, etc.
5. This scale does not contain any user-serviceable parts. Do not disassemble.
5. Use the scale for its intended purpose only.
6. Escali's liability is limited to two (2) times the cost of the product.

**Note:** *The display value may be affected by electromagnetic influences, e.g. when a radio is operated in the immediate vicinity of the device. The product can be used for its intended purpose again when the interference is discontinued, but may need to be switched on again to re-start.*

## BATTERY INSTALLATION

1. Turn the entire scale upside down and reset 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

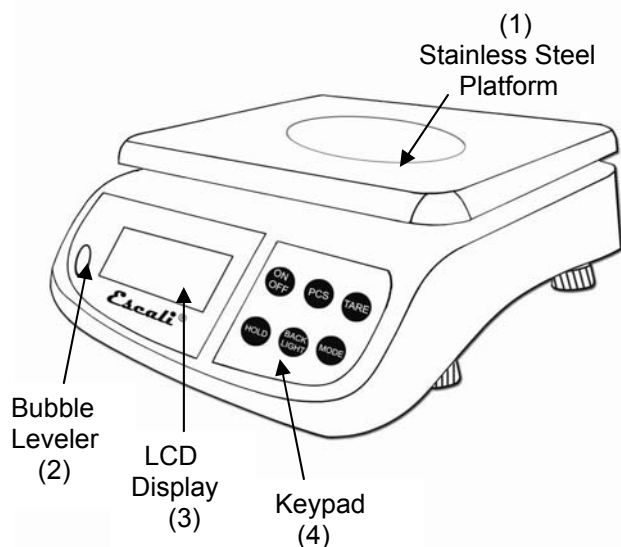
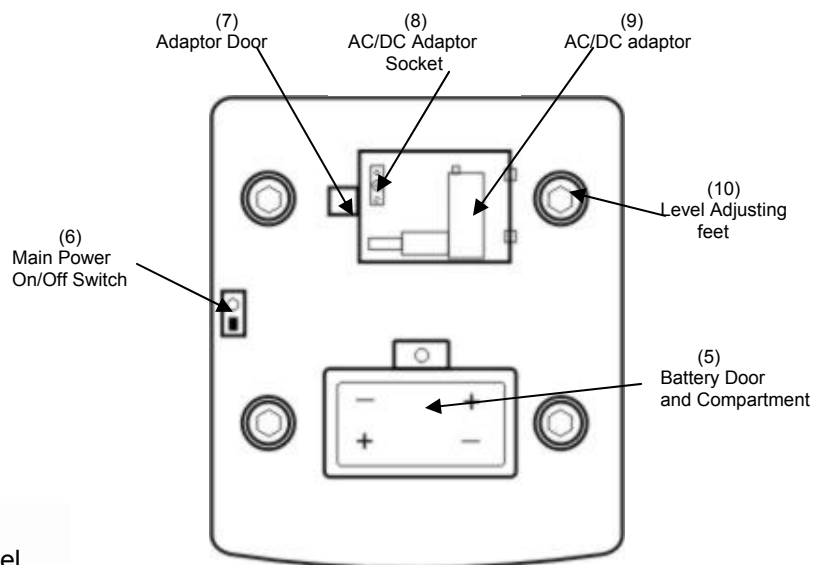
- When the battery is low, “Lo” will be displayed. Open the battery compartment and replace the old batteries with new ones.
- Used batteries must not be disposed of as household waste. Do not incinerate batteries because they might explode at high temperature. Contact your local authority for information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

## AC/DC ADAPTOR (Optional)

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

## PART AND KEY DESCRIPTION

- 1) Stainless Steel Platform
- 2) Bubble Leveler
- 3) Liquid Crystal Display (LCD)
- 4) Keypad
- 5) Battery Door and Compartment
- 6) Main power On/off Switch
- 7) Adaptor door
- 8) AC/DC adaptor socket
- 9) AC/DC adaptor (optional)
- 10) Level adjusting feet



# OPERATION

## LEVEL THE SCALE

When the scale is put to use at a new place, 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.

## ACTIVATING THE SCALE

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

## EL BACK LIGHT

Your can turn On or Off the Back light of the scale by pressing the “**Back Light**” key

## WEIGHING AN ITEM

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

## SELECTING WEIGHT UNIT

When the scale is power on, press the “**MODE**” key repeatedly to change weight unit according to following sequence:

kg --- lb --- oz --- lb/oz

Displays 4 modes, e.g.

“kg” mode	<input type="checkbox"/>	1.500kg
“lb” mode	<input type="checkbox"/>	3.32lb
“oz” mode	<input type="checkbox"/>	52.9oz
“lb/oz mode	<input type="checkbox"/>	3lb 4.9oz

## USING THE HOLD FUNCTION

When the object is on the scale platform, press the “**HOLD**” key once and then take off the object from the scale platform. the weight of the object will be hold for 1 minute with a HOLD icon displays on the left side of the LCD.

## 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 this item will be eliminated and the reading will change to “0.000▶”.
5. Place next item on the weighing platform and get the reading.
6. Press “**TARE**” key again will show the total weight
7. Repeat step (4) to (6) for further objects.

**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 “PCS” key, SET will be shown on the display.
3. Press “MODE” key, 100 will be displayed.
4. Press “MODE” key again to select the sample size in the sequence of 10 → 20 → 40 → 60 → 80 → 100.
5. Press “PCS” key to confirm the sample size. “pcs” icon will be shown on the left hand corner of the display.
6. Press “PCS” 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. Place the samples on the platform
3. Press the “PCS” key, the sample size as set by the above setting steps will be displayed.
4. Place objects on the platform, the scale will calculate and shown the numbers on the LCD.

*Remark: by pressing the “TARE” key will activate the accumulation of counting. See Tare Mode steps.*

## OVERLOAD

When the loading capacity exceeds the maximum capacity of the Digital Scale, the word “EEEE” will be displayed on the LCD screen. Remove the item(s) from the scale platform to avoid damage to the scale.

## POWER OFF

1. The scale can be powered off manually by pressing the “On/Off” key.
2. The scale will be totally shut down by pressing the power switch.

## MAINTENANCE

Clean with a soft cloth. Do not immerse directly into water or detergent, scrub with abrasive material or use corrosive cleanser.

## TECHNICAL SPECIFICATIONS

	M63	M136	M3315	M6630
Maximum Capacity	3kg / 6lb	6kg / 13lb	15kg / 33lb	30kg / 66lb
Graduation	0.5g / 0.1oz	1g / 0.1oz	5g / 0.2oz	5g / 0.2oz
Sample size	10 / 20 / 40 / 60 / 80 / 100 pcs			
Operating Temperature	0°C ~ +40°C			
Power Source	4 UM2 size C 1.5V battery or 9.0V 300mA AC/DC adaptor (optional)			
Accuracy	0.2%			