

PM-ECO

OPERATION MANUAL

PLEASE READ THIS MANUAL VERY CAREFULLY BEFORE OPERATING

Thank you for purchasing UWE PM Eco. The scale is equipped with 3 batteries (TYPE D). Replace the batteries when “Low Battery” indication appears. Eco mode can significantly boost your battery life.

Temperature difference and frequent use of backlight will shorten battery life.

IMPORTANT!

Please read this manual very carefully before attempting to operate the scale. The warranty is invalid in the following cases :

- Improper use of the scale.
- The opening and / or repair the scale.
- Damage resulting from falls , bumps, leaking batteries

CAUTION!

INSTALLATION

SPECIFICATION

KEYBOARD LAYOUT AND DESCRIPTION

INTERNAL SETTING

BACKLIGHT (Internal settings: F0)

AUTO POWER OFF (Internal settings: F4)

BAUD RATE (Internal settings: F5)

DIGITAL FILTER (Internal settings: F6)

ECO MODE (Internal settings: F8)

TARE FUNCTION (Internal settings: F9)

AUTO REMOVAL OF TARE (Internal settings: F10)

MEMORY FUNCTION

TROUBLESHOOTING

MAINTENANCE

PACKAGING

CAUTION!

- For most accurate weighing result, do not use the scale in where or when the environment condition falls beyond as those listed on SPECIFICATIONS.
- Do not attempt to open this unit or conduct any trouble shootings other than those listed on TROUBLE SHOOTING.
- Overloading can affect the accuracy of weighing and seriously damage the scale.
- Avoid direct contact with water. Always store the scale in a cool, dry environment.
- Avoid temperature extremes.
- Modifications and changes to the balance at all times is prohibited and may make the use and the weighing influence.
- Verify the accuracy of the scale periodically. Calibration should be carried out by authorized dealers using certified test weights.
- Set the scale at least 15 minutes before use.

INSTALLATION

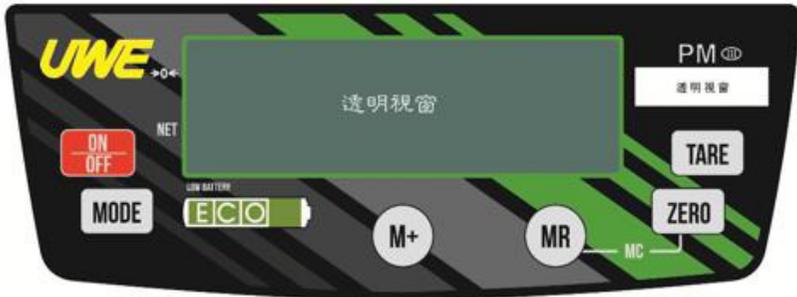
1. Place the scales on a flat, stable surface;
2. Place the platform well on the scales;
3. Press the ON-OFF key and wait for zero (0.00)
4. The scale is ready for use.

SPECIFICATION

Model Number	Capacity (Max)	Division (e)
PM-6	6kg	1g
PM-15	15kg	2g
PM-30	30kg	5g
PM-60	60kg	10g
PM-150	150kg	20g
Class	III	
Maximum Tare Range	1/3 Max - e	
Power on Zero Range	±10% of Max	
Manual Zero Range	±2% of Max	
Min. Load Applied	20e	
Operation Environment	0°~40°C (32°~104°F), Non-condensed. R.H.≤85%	
Power Consumption	0.1W	

Specifications subject to change without notice.

KEYBOARD LAYOUT AND DESCRIPTION



1. ON-OFF

Press this key to turn the scale on / off.

2. MODE

Press this key to shift among different weight units.

3. M+

Press this key to accumulate current weight to memory.

4. MR

Press this key to recall the total accumulated weight from memory.

5. ZERO

Press this key to set weight displayed to zero.

6. TARE

Press this key to tare off the weight of a container.

7. MC

Press **MR** and **ZERO** simultaneously to clear data from memory.

DISPLAY:

LO-BAT	Charge the battery when this icon appears.
O	This indicator appears to indicate zero weight status.
NET ◀	This indicator appears to indicate the tare function is in operation and weight shown is net weight.
	Battery status

INTERNAL SETTING

F0 Backlight on/off

F2 Display Segment Check

F4 Auto Power Off Function

F5 Baud Rate

F6 Digital Filter

F8 ECO MODE

F9 Auto Tare Function

F10 ZErO_On /ZErO_oF

1. Press and hold the TARE key and press the ON-OFF key. Release the TARE key, then the display shows F0.
2. Use TARE key to scroll through the internal setting menu and the MODE key to enter the setting.
3. Use MODE key in the setting to scroll through available options. Press TARE key to confirm and exit.
4. Press ZERO key to save changes.

BACKLIGHT (Internal settings: F0)

Enable or disable backlight in the F0 menu.

The backlight turns off automatically after a period of inactivity.

AUTO POWER OFF (Internal settings: F4)

Enable/disable auto power off function after 10-30 or 60 minutes of inactivity.

BAUD RATE (Internal settings: F5)

The scale is equipped with 4 RS232C output baud rate:
Br 4800 -> Br 9600 -> Br 19200 -> Br 38400 -> OFF

DIGITAL FILTER (Internal settings: F6)

The scale is equipped with 3 filter speeds.
Filt 0 -> Filt 1 -> Filt 2

ECO MODE (Internal settings: F8)

The scale is equipped with power saving function, ECO MODE, which is enabled after 10 seconds of inactivity.
ECO (enable ECO mode) -> nor (disable ECO mode)

TARE FUNCTION (Internal settings: F9)

The scale is equipped with auto tare function which tares off the initial weight automatically when this function is engaged. The tare weight is automatically cleared when everything is removed from weighing plate.

AUTOMATIC TARE FUNCTION

1. Press and hold the TARE key and press the ZERO key. Release the TARE key, then the display shows F0.
2. Press the TARE key to F9.
3. Press MODE to enable/disable auto tare.
Tr_Off / Tr_On and adjust the TARE speed **-▶ tr 2-on ▶ tr3-on ▶ tr4-on ▶ tr5-on**
4. Confirm with TARE key and press ZERO key to save.

USING TARE FUNCTION

1. Place the container, crate or box on the weighing plate.
2. Press the TARE key (NET ◀ display indicates tare is in operation).
3. Press TARE key to delete a tare weight (the weighing plate must be empty).

AUTO REMOVAL OF TARE (Internal settings: F10)

Enable/disable automatic removal of tare value when the weighing plate is empty.

Zr_on / Zr_oF

MEMORY FUNCTION

1. Place a weight on the weighing plate. Wait until the weight reading is stable and press the M + key.
2. Display shows P1, then displays the total weight.
3. Place a new weight on the scale and press again M + key, the scale displays P2, which indicates the number of accumulations, then displays the total weight.
4. To view the weights stored in the memory press the MR key.
5. Press MR and ZERO keys simultaneously to erase memory.

TROUBLESHOOTING

The scale does not turn on.

- Empty batteries.
- Check the power supply

The scale turns off automatically.

- Check the automatic settings to turn off the scale. See **Auto Power Off Setting** section.

MAINTENANCE

- Always clean the scale with a slightly damp cloth.
- Do not use any harsh, abrasive material, acetone, volatile solvent, thinner or alcohol for cleaning.
- Calibrate the scale at least once a year by an accredited agent, preferably by your supplier.
- Store scale in a dry and clean place.

PACKAGING

- Keep all parts of the original packaging in case the device needs to be returned.
- Please only use original packaging to send in return.
- Before sending the scale, secure all loose parts such as weighing plate, mains adapter etc. to prevent damage.