BEP-Price Computing Scale

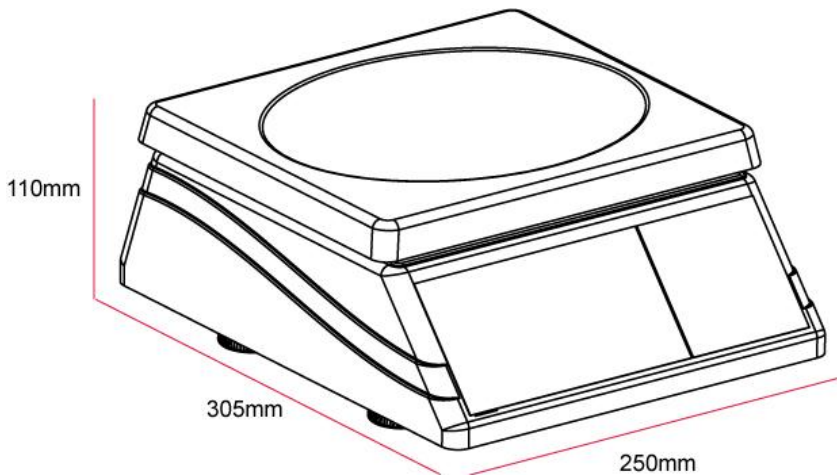# User Manual

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Cautions

- Upon receiving the scale, please take at least 8 hours to recharge the battery (refer to page 10) before you start to operate this scale.

- Please recharge the battery after a long period of storage (more than one month). It takes 8~10 hours to fully recharge the battery.

- Please assemble the platter before powering on the scale.

- Do not keep the weight placed on the platter for a long period.

- Keep the scale away from the environment with high temperature, high humidity, heavy press, and heavy bump.

- Always make sure the scale is located in a flat and plane surface.

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Dimensions

■ **Tabletop scale**

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Symbols on LCD

■ ZERO Indication (◄):

◄ cursor appears on the left edge of LCD Display (right of **ZERO** printed on the display-overlay), and indicates the scale is at zero-point.

■ NET Weight Indication (◄):

◄ cursor appears on the left edge of LCD Display (right of **NET** printed on the display-overlay), This cursor indicates the tare weight has been deducted.

■ Accumulation Indication (◄):

◄ cursor appears on the left edge of Total Price LCD *(right of M+ printed on the display-overlay),* and indicates the memory bank has stored accumulative data of weight, unit price, and total price.

‼ Notice: This cursor is available for the scale with accumulation function only.

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■ Indication of Weighing Range (▸) :

▸ cursor appears on the right edge of Total Price LCD (left of **W1** or **W2** printed on the display-overlay), and indicates the present weighing range to be *Weighing Range 1 (W1)* or *Weighing Range 2 (W2)*.

‼ Notice: The indication of weighing range is only available for the scale / indicator with multi-range (2 ranges) only.

■ Indication of kg 、 100g Weighing Unit (▸) :

▸ cursor will flash on the right edge of LCD Display (left of **kg, 100g** printed on the display-overlay), This cursor indicates the present weighing unit.

■ Battery Symbol (- LO -) :

- LO - appears on the middle of QUANTITY LCD, and indicates the battery is running in low-voltage status.

Operation Instructions

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■ Status of the Battery :

When LCD indicates **- LO -** and the scale sounds *beep beep beep* every thirty-minute, it means the battery is running in low-voltage status. LCD will indicate **- LO -** continuously for reminding the user to recharge the battery. If the battery is still running in low-voltage status without being recharged, LCD will indicate **-OFF-** and the scale will sound *beep* repeatedly. Please power of the scale and recharge the battery (refer to page 10) immediately.

■ 0 ~ 9 :

(1) Pressing these keys to key in the unit price.
(2) Press and hold [*0*] key till WEIGHT LCD display shows the voltage of battery. *6.1 ~ 6.5* means the battery is running in high-voltage status. Less than *5.5* means the battery is running in low-voltage status. Please recharge the battery as soon as possible. Pressing **[C]** key could go back to normal operating-mode.

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■ ● :

(1) Pressing this key to set the decimal point for the unit price.
(2) Press and hold [●] key till the scale sounds beep to enable or disable optional Backlight.

■ C:

Pressing this key to delete the setting of unit price. Users could key in the unit price directly without pressing [C] key while the last transaction had been finished for more than 5 seconds.

■ ZERO:

Pressing this key to make the scale be at zero-point. Left edge of LCD will indicate ◄ cursor on the right of **ZERO** (printed on the display-overlay).

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■ TARE:

Pressing this key could get the net weight. Place a package or container on the platter and press this key to deduct the tare weight, WEIGHT LCD will show **0.000** and indicate ▾ cursors on the right of **ZERO** and **NET** (printed on the display-overlay)**.**

■ CHANGE:

Pressing this key to operate money-change function. Example:
When TOTAL LCD shows $17.15, and the customer gives $20.00. Press [**CHANGE**] key once, and then key in **20.** LCDs will show:

WEIGHT	**20**	(amount from the customer)
UNIT PRICE	**17.15**	(total amount of transaction)
TOTAL PRICE	**C 2.85**	(return to the customer)

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■ UNIT :

Press this key once, WEGIHT LCD will indicate **ch9 -**, and then press [1] or [2] key to select the weighing mode:

● Press [**1**] key to select **kg** mode.
● Press [**2**] key to select **100g** mode.

■ PLU :

There are 100 sets of indirect PLU (PLU00 ~ PLU99) on this model.

Example (1): Save **1.05** into **PLU11**
1. Key in the unit price [**1**] [**0**] [**5**];
2. Press [**PLU**] key once, and then press [**1**] key once;
3. Press and hold [**1**] key till the scale sounds **beep** → Finish setting, users can press [**PLU**] → [**1**] → [**1**] to recall **1.05** showed on UNIT PRICE LCD.

Example (2): Save **8.80** into **PLU25**
1. Key in the unit price [**8**] [**8**] [**0**];
2. Press [**PLU**] key once, and then press [**2**] key once.
3. Press and hold [**5**] key till the scale sounds **beep**

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→ Finish setting, users can press [**PLU**] → [**2**] → [**5**] to recall **8.80** showed on UNIT PRICE LCD.

For modifying the setting figures, please key in a new unit price and follow directly step 2 and step 3 as above.

■ M1～M3：

3 direct PLU for saving the unit prices.
Example:
Save **7.50** into **M3** memory bank
Key in [**7**] [**5**] [**0**] >> Press and hold [**M3**] key till the scale sounds **beep** >> Finish setting.
At this moment, pressing [**M3**] key could recall $7.50 showed on UNIT PRICE LCD. To modify the setting figure of **M3**, please just follow the above steps again.
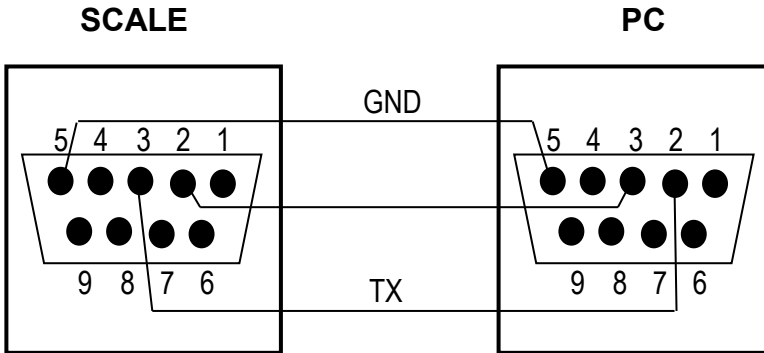
※ Press **M2** key to send out weighing data to printer when equip with RS232 Interface.

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RS232 Interface Connection: *<optional device>*

	SCALE				PC

```
        SCALE                              PC

  ┌──────────────┐                 ┌──────────────┐
  │ 5  4  3  2  1 │      GND        │ 5  4  3  2  1 │
  │ ●  ●  ●  ●  ● │                 │ ●  ●  ●  ●  ● │
  │  ●  ●  ●  ●   │                 │  ●  ●  ●  ●   │
  │  9  8  7  6   │      TX         │  9  8  7  6   │
  └──────────────┘                 └──────────────┘
```

RS232 Wiring Configuration:

Baud Rate: *4800 OR 9600*

Parity: *None*

Stop Bit: *1*

Data Bit: *8*

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Recharge the Battery

Power off the scale and connect the power cord to an AC outlet. CHARGE LED will indicate the ongoing status of the battery. It takes about *8~10 hours* to fully recharge the battery.

CHARGE LED:

Color of LED	Status of the battery
RED	Initial Connection
GREEN	Fully-charged

Power Supply

- AC: 110V/60Hz ±10% *or*
       220V/50Hz ±10%

- DC: 6V DC / 25mA rechargeable battery;
       P=0.2W(max)

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