

User Manual

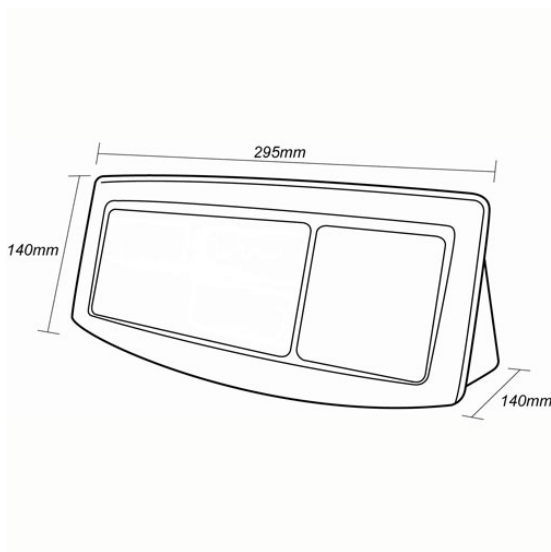
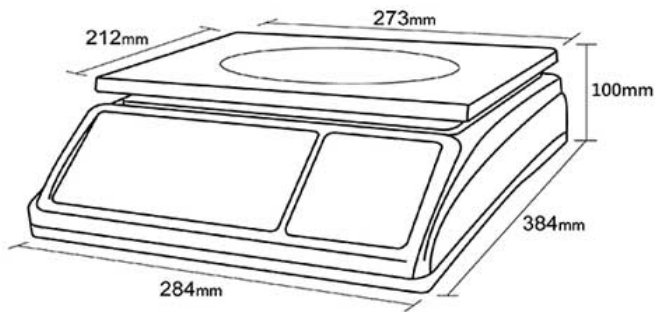
SSW Series

DIGITAL WEIGHING SCALE

Cautions

- Upon receiving the scale, please take at least 8 hours to recharge the battery 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.

Dimensions



Symbols on LCD



■ Zero Symbol (O):

O appears on the left-bottom corner of LCD, and indicates the scale is at zero-point.

■ NET Weight Symbol (Net):

Net appears on the bottom edge of LCD, and indicates the tare weight has been deducted.

■ Battery Symbol (): 2

When LCD indicates  and the scale sounds **beep for four times**, it means the battery is running in low-voltage status. LCD will indicate  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 for eight times**. Please power off the scale and recharge the battery immediately.

Operation Instructions

■ **Backlight** (optional) :

Press and hold $\rightarrow 0 \leftarrow$ key till the scale sounds **beep** to enable / disable the Backlight.

■ **UNIT:**

Select the weight mode: **kg / pcs**.

■ Under **pcs** (simple counting) mode:

!! The suggested unit weight of the measured subject should be heavier than ***the division of this scale***.

1. Put 100 pieces of the measured subject (with the same unit weight) on the platter.
2. Press and hold [**UNIT**] key till LCD shows **S= 10**, and then quickly (within 3 seconds) press [**UNIT**] key again to select **S=100** (10 、 20 、 50 、 100 could be selected for the sample-quantity of the measured subject).
3. Wait till LCD shows **100**. The scale has finish calculating the averaging unit weight of the measured subject. Now the simple counting function is ready. This scale could be used as a simple counting scale.

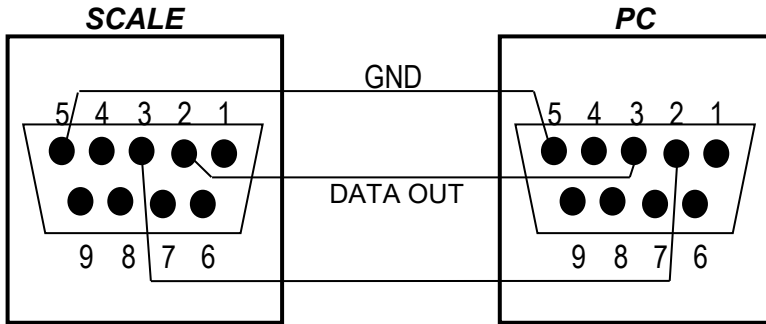


Press this key to make the scale be at zero point.
LCD will indicate **O** on the left-bottom corner.



Press this key to deduct the tare weight. Put the package or container on the platter and then press [**TARE**] key. LCD will show **O** and **Net**.

RS232 Interface Connection: <optional device>



RS232 Wiring Configuration:

Baud Rate: **9600**

Parity: **None**

Stop Bit: **1**

Data Bit: **8**

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 |
| ORANGE | Charging |
| GREEN | Fully-charged |

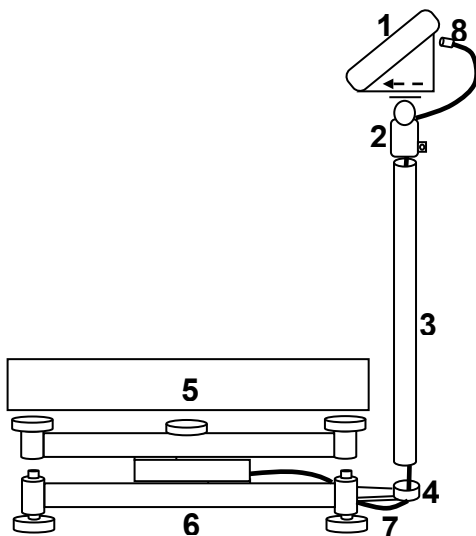
Power Requirements

- AC: 220V \pm 10%, 50 Hz
- DC: 6V/4Ah rechargeable battery;
P=0.2W(max)

Installation Diagram of Bench Scale

List of Components:

| No. | Item |
|-----|-------------------------|
| <1> | Indicator |
| <2> | Regulator |
| <3> | Stainless Steel Tube |
| <4> | Tube Base |
| <5> | Stainless Steel Platter |
| <6> | Main Structure |
| <7> | Cable of Load Cell |
| <8> | Connector |



Installation Procedure:

- A. Screw <4>Tube Base and <6>Main Structure together (with 2 screws of Tube Base).
- B. Insert <3>Stainless Steel Tube into <4>Tube Base (with 2 screws of Stainless Steel Tube).
- C. Screw <2>Plastic Regulator and <3>Stainless Steel Tube together (with 1 screw and 1 clip of Regulator).
- D. Please refer to the Diagram; pull <7>Cable of Load Cell, from the bottom to the top, through <3>Stainless Steel Tube; and then screw the Clip on the bottom of <4>Tube Base (with 1 screw of Clip).
- E. Connect <1>Indicator with <2>Regulator. Notice the direction. Please refer to the arrow on the diagram for proper direction.
- F. Put <5>Stainless Steel Platter on <6>Main Structure.
- G. Insert <8>Connector into the socket of <1>Indicator. Complete installation.

***Before using this scale, please unscrew the protecting-screw fixed on the bottom side of the steel-welding base structure.**

We do more than you expect
