

# User Manual

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**WDW** Series

*Digital Weighing Scale*

# Cautions

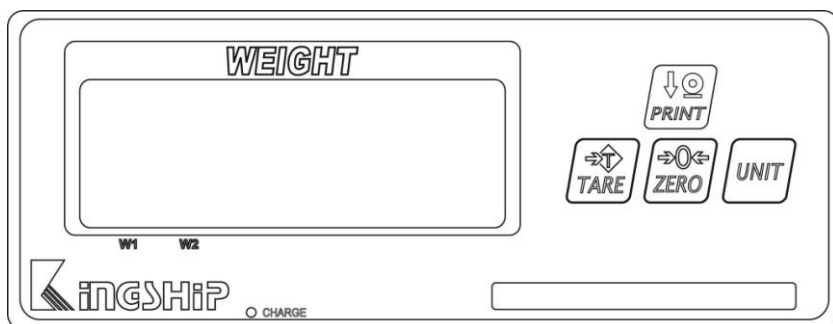
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- Upon receiving the scale, please take at least 8 hours to recharge the battery before you start to operate this scale.
- Please recharge the battery after a long period of storage (more than one month). It takes 8~10 hours to fully recharge the battery.
- 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 、 heavy bump.
- Always make sure the scale is located in a flat and plane surface.

# Panel

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The below panel is suitable for table scale/  
indicator/ bench scale/ floor scale.



※ Installation Diagram of Bench Scale: please see page 8

## Symbols on LCD

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

### ■ 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 ():

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.

### ■ Indication of Weighing Range (▼) :

▼ Cursor appears on the bottom edge of LCD (above 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 multiple range (2 ranges).**

# Operation Instructions

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## ■ **Backlight** (optional) :

Press and hold →0← key till the scale sounds **beep** to enable / disable the Backlight.

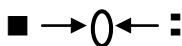
## ■ **UNIT:**

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

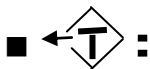
### ■ Under **pcs** (simple counting) mode:

**!!** 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.

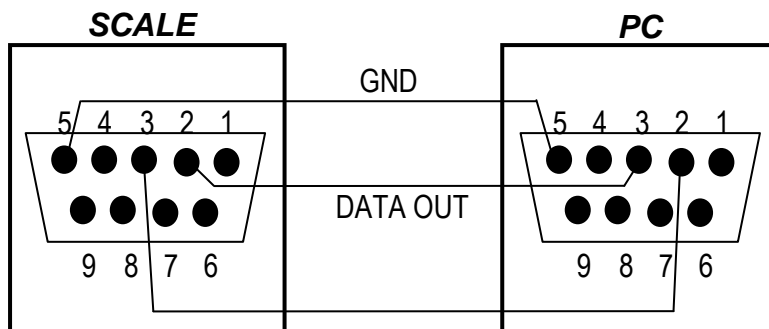


Press this key to deduct the tare weight. Put the package or container on the platter and then press [**TARE**] key.  
LCD will show **O** and **Net**.

## ■ **PRINT:**

1. Press this key to send out weighing data to printer when equip with RS232 Interface.
2. Press this key will sound “beep beep” alarm when not equip with Printer Device.

## RS232 Interface Connection: <optional device>



## RS232 Wiring Configuration:

Baurate: **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

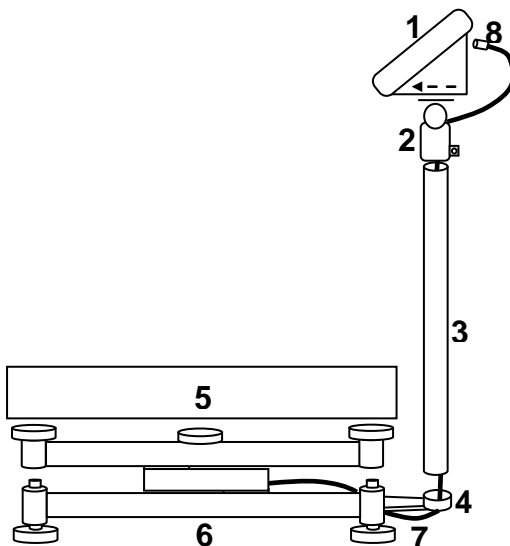
## Power Requirements \_\_\_\_\_

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

## **Installation Diagram of Bench Scale**

List of Components:

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



### **Installation Procedure:**

- Screw <4> Tube Base and <6> Main Structure together (*with 2 screws of Tube Base*).
- Insert <3> Stainless Steel Tube into <4> Tube Base (*with 2 screws of Stainless Steel Tube*).
- Screw <2>Regulator and <3> Stainless Steel Tube together (*with 1 screw and 1 clip of Regulator*).
- 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*).
- Connect <1> Indicator with <2> Regulator. Notice the direction. Please refer to the arrow on the diagram for proper direction.
- Put <5> Platter on <6> Main Structure.
- 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.**

[illegible]

[illegible]

*We do more than you expect*

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