

User Manual

WSW Series

DIGITAL WEIGHING INDICATOR

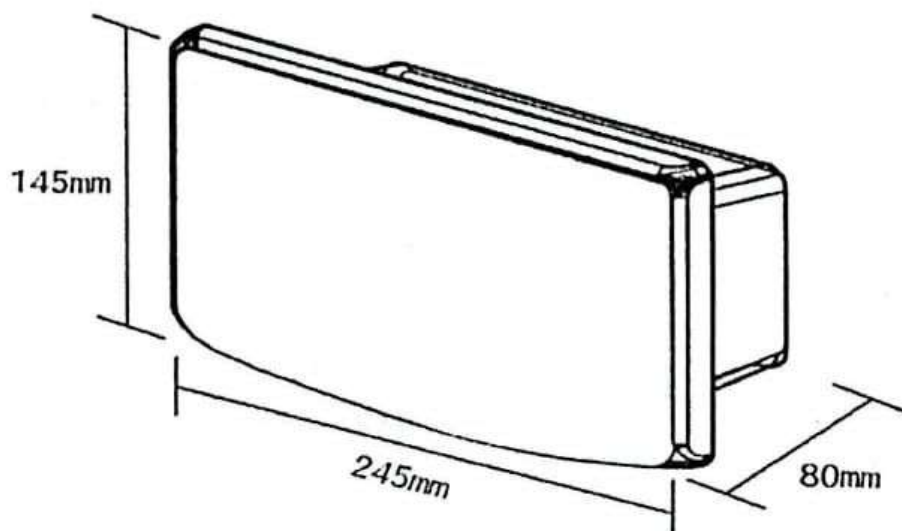
Cautions

- Upon receiving the indicator, please take at least 8 hours to recharge the battery before you start to operate this indicator.
- 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 indicator.
- Do not keep the weight placed on the platter for a long period.
- Keep the indicator away from the environment with high temperature, high humidity, heavy press, and heavy bump.
- Always make sure the indicator is located in a flat and plane surface.

Dimensions

Indicator

245 x 145 x 80 mm (L x W x D)



Symbols on LCD

■ Battery Symbol ():

 appears on the top left corner of LCD, and indicates battery level display status. The battery will reduce grid by grid until there is no electricity. When it is running out of power, LCD will indicate **-OFF-**. Please power off the indicator and recharge the battery immediately.

■ Zero Symbol (→0←):

→0← appears on the left side of LCD, and indicates the indicator is at zero-point.

■ NET Weight Symbol (Net):

Net appears on the left side of LCD, and indicates the tare weight has been deducted.

■ Lo Indication (◀):

◀ Cursor appears on left side of LCD and indicates the weight is at low situation.

■ **ok Indication (◀):**

◀ Cursor appears on left side of LCD and indicates the weight is at normal situation.

■ **Hi Indication (◀):**

◀ Cursor appears on left side of LCD and indicates the weight is at high situation.

Keyboard Description

 : Switch on / off the scale.

■ [UNIT] :

Select the weight mode: **kg**

■ [→0← ZERO] :

Press this key to make the indicator be at zero point.
LCD will indicate →0← on the left-bottom corner.

■ [→T← TARE] :

Press this key to deduct the tare weight. Put the package or container on the platter and then press

[→T←] key. LCD will show →0← and **Net**, and press the [→T←] key again back to 0.

■ [F] :

1. Press this key to **pcs** mode

2. Weight Limit Alarm :

Example: setup Hi/Lo weight range at $2\text{kg} \pm 500\text{g}$.

- A. Press and hold [F] key till LCD shows **F-01**, then press [TARE] LCD to into **-Lo-** mode key in **1.50** (press [TARE] key to shift the flashing digit & [UNIT] key to setup the flashing digit), then press [F] key again to confirm the setting.
- B. And LCD will show **-HI-** then press [TARE] key to into Hi mode key in **2.50**, then press [F] key twice to confirm the setting.

The indicator will show different color backlight and sound **beep** continuously while :

Yellow color $\leq$ Green color $\leq$ Red color
(The measured weight)

3. Over-Weight Alarm:

Example: setup 1kg as the over-weight limit at -Lo-.

!! Notice: -HI- mode must be 0.

Press and hold [F] key till LCD shows **F-01**, then press [TARE] key twice to into Lo mode key in **1.00** (press [TARE] key to shift the flashing digit & [UNIT] key to setup the flashing digit), then press [F] key twice to confirm the setting.

The indicator will show red color backlight and sound **beep** continuously when the measured weight is $\geq 1\text{kg}$.

✖ Under **PCS** (simple counting) mode

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

4. Simple Counting: pcs

- A. Press [**F**] key once LCD shows **0 pcs**, and then press and hold [**UNIT**] key till LCD shows **S = 10** (10、20、50、100 could be selected for the sample-quantity of the measured subject).
- B. Quickly (within 3 seconds) put 10 pieces of the measured subject (with the same unit weight) on the platter. Wait till LCD shows **10 pcs**.
- C. The indicator has finish calculating the averaging unit weight of the measured subject.

Now the simple counting function is ready. This indicator could be used as a simple counting.

■ Under [F] Function:

Press and hold [F] key till LCD shows **F - 01**, and press [**UNIT**] key to select **F - 01 mode to F - 06 mode**, then press [**TARE**] to into mode.

- Press [**UNIT**] key to switch or modify number.
- Press [**TARE**] key to shift the flashing digit.
- Press [**F**] key to confirm the mode setting.

F - 01	Setting the Hi / Lo value
F - 02	Animal function setting -On or -Off
F - 03	Animal function selects weight -HI- value or -Lo-value
F - 04	Animal function selects filter -HI- or -Lo-
F - 05	Animal function filter and hold range from 10-100d
F - 06	Saving the Hi / Lo setting -On or -Off
F - 07	-On: beep on out of Hi / Lo values range ; -Off: beep on in of Hi / Lo values range.
F - 08	Automatic turn-off time(Max: 99 minutes)

After press [**F**] key again to confirm the all mode setting.



Optional device.



After using the [$\leftarrow T \rightarrow$] function, please follow the steps as below to get the Net and Gross Weight Value.

1. Pressing [$\frac{NET}{GROSS}$] key once could recall the deducted tare weight of container or package.

Pressing [$\frac{NET}{GROSS}$] key once again, LCD will be indicated **0.000**, [$\rightarrow 0 \leftarrow$] and [**Net**].

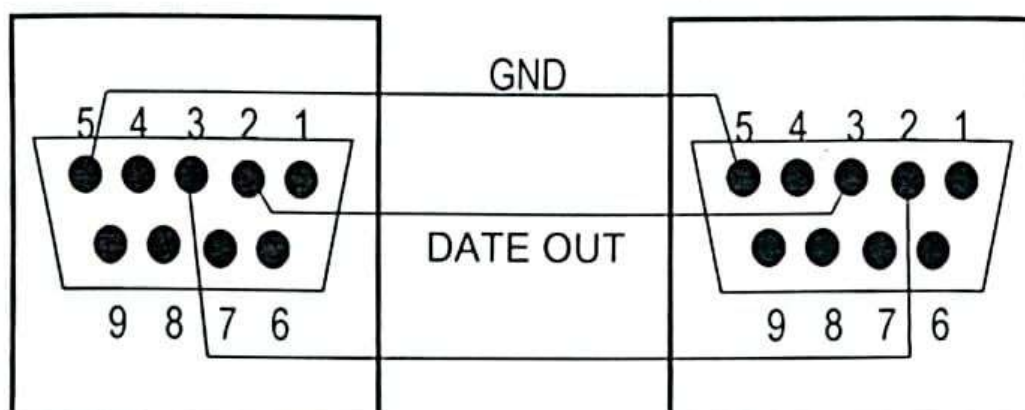
2. Put the measured subject into the container or package, LCD will be indicated the **Net Weight Value**.

Pressing [$\frac{NET}{GROSS}$] key once can obtain the ***total Gross Weight Value***.

Pressing [$\frac{NET}{GROSS}$] key again, LCD will go back to the ***Net Weight Value*** again.

!! Under [$\frac{NET}{GROSS}$] mode, cannot use [TARE] and [ZERO] function.

RS232 Interface Connection: <optional device>



RS232 Wiring Configuration:

Baurate: **9600**

Parity: **None**

Stop Bit: **1**

Data Bit: **8**

Recharge the Battery _____

Power off the indicator 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)

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Digital Weighing Indicator