



Industrial Weighing Systems

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Industrial Weighing Systems assumes no responsibility for the accuracy of the calibration instructions extracted from manufactureres documentation.

Contact us for complete manuals we may have on file info@iwsystems.ca

**Industrial weighing systems provides repairs to all instruments and load cells.
Calibration services available.**

Should you require additional information please do not hesitate to contact IWSystems
Check out our products at www.iswystems.ca

Splash-Proof Weighing Scale

My Weigh Professional Series

WR-12K

Operation Manual

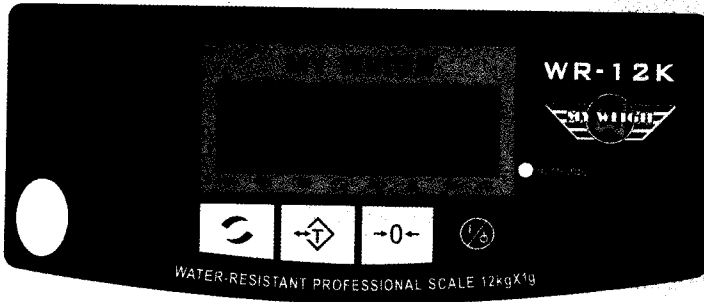
I. Introduction

Thank you for your purchase of the WR-12K. This water resistant scale can accurately measure weight in wet conditions. The scale is easy to operate, precise, stable and quickly displays the weight information on the LED display.

II. Precautions

- 1) Fully charge the battery before attempting to use the scale.
- 2) **Recharging the battery:** when the battery symbol appears on the LED display, plug the a/c adapter into a power outlet to charge the battery. The charging indicator light will illuminate in red. When the charging indicator light becomes green, the recharging process is completed (it takes about 8 hours to full recharge the battery)*
- 3) Ensure that you use the scale on a level and stable surface.
- 4) Do not use the equipment near an air conditioner or any other machine that produces vibration.
- 5) Only use the scale in the temperature range of 0°C ~40°C (32 F – 104 F). Avoid rapid temperature changes.
- 6) An independent a/c outlet is recommended when using this scale; verify the outlet is the proper voltage before utilizing.
- 7) Warm up the scale for 15 minutes before use.

III.DISPLAY



Touch Keypad Functions



: Power key



: Zero key



: Tare key



: Unit conversion key

This new touch key display is designed to respond to the touch of one finger. If the keypad does not respond try holding your finger on the key for a few seconds. No heavy pressure is required except sometimes when first turning the scale ON



: Scale is in Zero mode.



: Scale is in TARE mode.



: Scale is in STABLE mode.



: Battery is at low voltage.

kg : The unit of measurement is kilograms.

g : the unit of measurement is grams.



lb : the unit of measurement is pounds.

oz : the unit of measurement is ounces.



In Charge : Scale is in recharged mode.

IV. Operations


1) Switch on & off


Press  and hold for approximately one second to power on. In normal weighing state, press  and hold for one second to power off.


2) Zero function

When using the scale, at times the weight display may show something other than "0" even though there is nothing on the pan. Press  key to re-Zero. Then the zero indicator "→0←" will be shown. When the weight display is outside the range capable of re-zeroing or the scale is in tare mode, pressing the  key is invalid.


3) Tare function

When weighing with a container instance, in order to get the net weight, use the following steps: place the container on the weighing surface; press the  key to subtract the weight of the container. The displayed weight should be "0", and






the tare indicator "  " is shown. Place the objects to be weighed on the weighing surface. The displayed weight is now the net weight (weight of the object without the container).



When you take both the container and the objects to be weighed off of the weighing surface, the displayed weight should be negative. Press  key again when nothing is on the scale to cancel the tare mode.

4. Unit conversion

Press  key to select the unit of measurement you need (kg, g, lb or oz) until the screen shows the corresponding indicator.

5. Parameters setting

Turn the scale on. When the self-test shows "000000", press     keys in order. Afterwards, press  key to set the mode of setting parameters.

In the following setting, press  key to change parameter, then press  key to change the function.

1) The setting of filter parameters (nb x)

X=0, applies to fast display uses

X=1, applies to common uses (default)

X=2, apply to high precise and stable occasion

X=3, apply to **animal weighing** occasion.

2) The range of zeroing (KZ x)

X=0, 2.7%

X=1, 5% (default)

X=2, 10%

X=3, 20%

3) The range of displaying "0" (ZDIP x)

X=0, disable

X=1 when the weight is within the range of $\pm 3d$, the display is "0" (default)

X=2 when the weight is within the range of $\pm 5d$, the display is "0"

4) Select save on energy (EC x)

X=0 disable

X=1 enable after the weight is stable for 10 seconds

X=2 enable after the weight is stable for 30 seconds (default)



X=3 enable after the weight is stable for 2 minutes

5) Display usage (DIS x)

X=0 continuous and variation display (default)

X=1 display after the weight is stable






6) The end of setup (END)

Press  key to exit, press  key return to the setting of filter parameters.


V. External Calibration

When the scale does not read accurately, you may calibrate it with weight.

1) Turn the scale on. When the display shows "000000", press


    keys in order. Afterwards, press 

key to begin the **External Calibration**. The display will show "CAL".









2) Press the  key to show "0" ;

3) Place a calibration weight (equal to or greater than 2/3 of the Max. Capacity) on the tray; complete the following steps to input the numeric weight - UNIT: g.



Press  to shift; press  to change the numeric;

4) After the display is stable, press  to confirm the number entered. Now the calibration is completed. If there is an outside the range of $\pm 10\%$ entered Capacity, the external calibration is invalid.

VI. Units Setting

Turn the scale on. When self-test shows "000000", press the     keys sequentially. Then press  to display Unit Setting. The screen will show "ON" (enable) or "OFF" (disable), press  to change the unit of measurement (kg/g/lb/oz); press  to activate the units (ON/OFF); press  to confirm.

Next choose if you want the display to flash or not when the power is low. The display will show "LO ON" (enable) or "LO OFF" (disable).

Press  to change the setting (ON/OFF); press  to confirm.

PLEASE RECHARGE THE BATTERY IF THE POWER IS LOW.

VII. Warning

Although this scale is water resistant it is important that you do not submerge the scale while plugged into an outlet. Electricity in water is very dangerous and it is always possible that a hazardous or even deadly shock may occur.