



## 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](mailto: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](http://www.iswystems.ca)

# SAFETY PRECAUTIONS

All safety messages are identified by the words "WARNING" and "CAUTION". These words mean the following:

? <b>WARNING</b>	<b>Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.</b>
? <b>CAUTION</b>	Important information that tells how to prevent damage to the equipment.

When using the scale, the following safety precautions should always be followed.

## ? **WARNING**

**Use only the correct AC adaptor with the scale. Other adaptors may cause permanent electrical damage.**

### \*\*SPECIAL WARNING\*\*

Cell-Phones, Cordless-Phones, and any radio-frequency device can cause temporary interference and cause the scale to temporarily not work properly. Please do not use any electronic device near the i5000. Just like in an Airplane, do not use your cell-phone near the scale when it is in use. While there is No risk of permanent damage to the scale, interference can cause an incorrect calibration or temporarily incorrect weight readings.

## ? **CAUTION**

Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction. Replace all batteries at the same time – Do not replace only a portion of the 4 batteries as this may cause a malfunction.

If the scale is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage, which may cause damage to this scale.

# SPECIFICATIONS

Container	180×180mm
Net/gross weight	560/810g
Package	Standard carton: 24.8x18.5x12(cm <sup>3</sup> )
	12 Units in one box: 37x36x49.6(cm <sup>3</sup> )
Operating Temperature	0-40? (32-104? )
Power source	4×AA Size Batteries or AC/DC
	Adapter 6V/100mA (optional)

**TARE, ZERO, Net Weight Gross Weight features:**  
**ZERO is used to simply reset the scale's display to Zero.**

**TARE is also used to remove the weight of an item from the display - it also sets the scale's display to zero but the original weight is stored in the memory of the scale.** You can then press NW/GW to show the weight that you tared off. For example, if you turn the scale on, then place 100 grams of sugar in the scale's bowl, the scale will show 100g. Now press the TARE key, the scale will show 0, now press NW/GW and the scale will show you 100. You can press NW/GW again to go back to the weighing process. You can also repeat this for several weights. For example you can place an Apple in the bowl, press the TARE key, the scale will show 0, place another apple in the bowl, press the TARE key, the scale will show 0. Now press the NW/GW button and the scale will show you the combined weight of both apples. This process can be repeated for up to 50 items and is great for recipes or diets that demand exacting measurements. For additional parts/samples counting please see page 4.

☺ **It's best to experiment with your scale and become familiar with it's features. The i5000 is a technologically advanced scale.**

## CALIBRATION

### Recalibration is not necessary.

This i5000 is a professional scale. Unlike most consumer kitchen scales (which are not recalibratable) this scale uses a professional load cell with digital auto calibration. It is very unlikely that you will ever have to recalibrate this scale. Some professional users may want to recalibrate their scale to keep and maintain exact accuracy. This is because the weight of a mass in one part of the world is not necessarily the same in another part. Also, with time and use, small mechanical deviations can occur. In order to calibrate this scale you will need a 5000g (5kg) weight or combination of weights.

#### How to calibrate

**1.** Before entering calibration mode, turn the scale on and let it warm up for about one minute. Then turn it off and proceed to the next step below.

**2. Enter calibration mode**

**The Scale should be OFF** (be sure it's off). Press and hold the [ZERO] key. While keeping the [ZERO] key depressed, Press [ON/OFF]. **Then release both keys.** The display will show a random series of numbers.

**3. Calibration by the weight**

Wait for the stable indicator to be displayed then Press [ZERO]. The display will show "2Ero" and then the display will show 5000.

**4.** Place a 5000g weight on the tray and then press [ZERO], the display will show "CAL", then after 2 seconds, the display will show "PASS". Calibration in complete. Turn the scale OFF, then turn it back ON and test some weight readings. If they are inaccurate, perform calibration again.

## FEATURES

- Auto shut off (optional).                      ? Auto calibration
- Auto zero tracking                                ? Auto backlight
- Low batter indication                            ? g/oz/dwt conversion

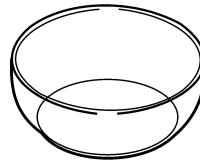
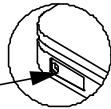
- Large LCD (5.5digits 15 mm high) ? Large container weighting
- Net weight/Gross weight indication ? Counting function
- 1/2000,1/3000&1/5000 division available

## PARTS DESCRIPTION

### ▶ RIGHT SIDE

AC adaptor

Socket



### ▶ TOP

Weighing container (bowl)

The weighing container is place  
on the scale.

Display

ON/OFF key

Turns the scale  
Power on/off.

ZERO key

Sets display to zero

TARE key

Subtracts weight of a container.

MODE key

Changes weighing units

N.W/G.W key

Switch N.W/G.W(or set Pcs) key

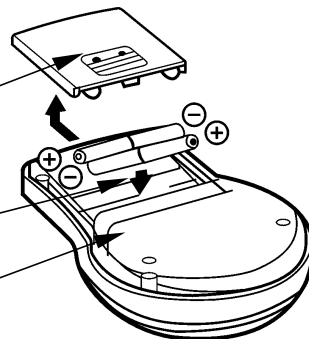
### ▶ BOTTOM

Battery compartment cover

Batteries

Batteries are not included

Battery compartment

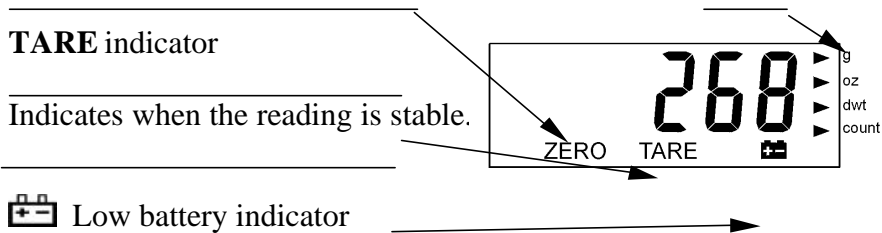


### ▶ DISPLAY

ZERO indicator

Indicates when the scale zero is correct.

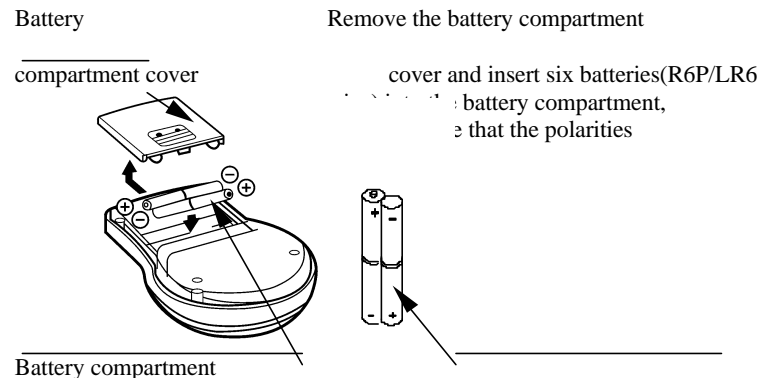
Weighing unit



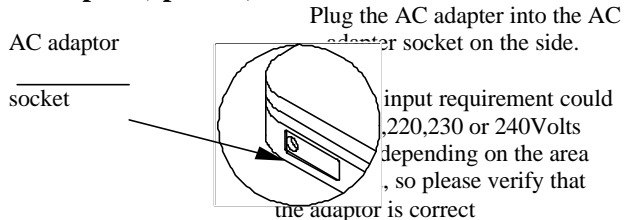
## PREPARATION

### 1. Installing batteries/Connecting the AC adaptor

#### Batteries



#### AC adaptor (optional)



### 2. Setting up the scale

#### ? CAUTION

Avoid installing the scale in direct sunlight, that may cause discoloration or malfunctions. Place your scale on a firm weighing table so that the scale is level. (The scale will not perform accurately when it is not level.)

**Place the scale on the firm surface that is flat and level for an accurate weighing.**

## WEIGHING AND COUNTING

Before weighing

**Remember that this scale has an Automatic power-off function.**

If this unit is left **ON** and the stable indicator is displayed, an automatic power-off function turns power off after approximately 2 minutes of non-use.

### **Error messages**

EEEE: Overload

: Low battery

### **Weighing procedures**

**1. Press [ON/OFF] to turn on the scale.**

When the power is turned on the display will show all segments (88888) for a few seconds and then "0" will appear on the display.

**2. Select the weighing unit with [MODE].**

Press [MODE] to select the weighing unit, eg. "g"? "oz" or "dwt".

**3. Start weighing**

Place the objects to be weighted in the weighing container or directly onto the scale's tray.

When the reading becomes stable, the stable weighing indicator is displayed.

### **Counting procedures**

**1. Press [ON/OFF] to turn on the scale.**

Wait for "0" to appear on the display.

**2. Start the Count Procedure**

If necessary, press [ZERO] key to set the display to "0".

**3. Place a given number of samples of an item in the container (the Sample Size should be either 10? 20? 50 or 100 pieces). The weight of these samples will show on the display.**

**4. Press [Mode] and select the counting Mode.(e.g. count). The indicator on the right side of the display should point to COUNT**

**5. Select the sample size (the same as you chose above) by pressing the [NW/GW] key (the sample size is the same as in step two =10? 20? 50or100),**

**6. Press the [Mode] key, The scale will show CAL and then the sample sized you selected will show on the display.**

**7. Place the items that you want counted in the container and the total number of items will show on the display.**

\*Basically, the scale is now set for Counting your items. It knows that the number of samples that you now have in the tray is (for example) 20 marbles. So if you add a bunch of marbles it will calculate the total number of marbles (based on the weight of the starting sample) and show you that number on the display.

**NOTE: the weight of unit sample > 1e.**