

## SPECIFICATIONS

Model number i101	Capacity 100g	Division 0.005g
Platter / Tray	$\phi$ 100mm	
Net/gross weight	510/620g	
Package	Standard carton: $29 \times 22 \times 14(\text{cm}^3)$	
	12 Units in one box: $60 \times 45 \times 45(\text{cm}^3)$	
Operating Temperature	0-40c (32-104°F))	
Power source	6 $\times$ AA Size Batteries or AC/AC	
	Adapter 11V/150mA (optional)	

### **\*\*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 i101.**

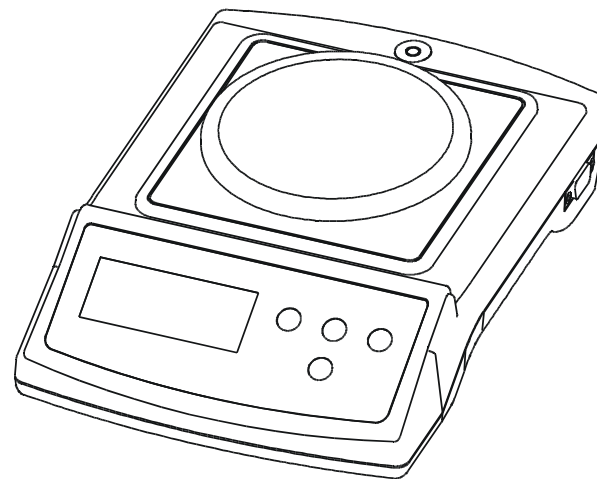
**Just like in an Airplane, do not use your cell-phone near the scale when it is in use. While there is NO risk of permanent damage to the scale, interference can cause an incorrect calibration or incorrect weight readings.**

## i101 COMPACT SCALE

My Weigh iBalance SERIES

i101 Generation 3

## INSTRUCTION MANUAL



# SAFETY PRECAUTIONS

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

△WARNING	<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>
△CAUTION	Important information that tells how to prevent damage to the equipment.

When using the i101, 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.**

## △ 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 6 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.

**Avoid overloading the scale, as this may cause permanent damage and void your warranty – do not EVER put more than 100 grams on the scale.**

Keep the scale away from water – this scale is not water resistant. Shock, injury and electrical damage can occur if used in a wet location!

Matter charged with static electricity could affect accuracy. Discharge all static electricity. For example, one method is to use Static-Guard spray, and spray it on both sides of the weighing platform.

## 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 on the pan (the Sample Size should be either 10, 20, 50 or 100 pieces). The weight of these samples will show on the display.

**4.** Press the [UNIT] key several times to put the scale in PCS mode (the indicator should be on pcs).

**5.** Select the sample size (the same as you chose above) by pressing the [PCS] key (press it as many times as necessary to put it in the correct sample size (the sample size is the same as in step three =10, 20, 50 or 100),

**6.** Press the [UNIT] key, the display will show "pass", then after 2 seconds, the scale will remember the sample size you selected and show the starting sample size on the display

(you can now remove the samples if you want to return the scale to 0)

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

**8.** Press the "UNIT" key to exit the counting function and return to normal weighing or you can press ON/OFF to turn the scale off .

NOTE: the weight of unit sample > 10e.

## FUNCTION SETTINGS

1. Enter function setting mode.

The scale should be OFF. Press **and hold [UNIT]** first, then press and release [ON/OFF] (**while** keeping [UNIT] pressed) the display will show **LIGHT** or **A\_OFF** arrow and the display will show 888888 Now you can release the UNIT key.

2. Selection of auto backlight mode.

Press [UNIT] to select auto backlight function, the display will show an arrow next to **LIGHT** , this means auto backlight function active, press [UNIT] again, the display will not show the arrow next to **LIGHT**, this means the auto backlight function is inactive, i.e. shut off backlight function.

3. Selection of auto shut off mode.

Press [ZERO] to select auto shut off function, the display will show an arrow next to **A\_OFF**, this means auto shut off function active. Press [ZERO] again, the display will not show an arrow next to **A\_OFF**, this means the auto shut off function is inactive.

4. Return to weighing mode.

Press [ON/OFF] to turn the power off, press [ON/OFF] again to turn on the power and the scale will return to normal weighing mode.

# CALIBRATION

## When to calibrate - calibration is RARELY required.

Calibration may be required when the scale is first set up for use, or if the scale is moved to a different altitude or gravitation. This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations can occur.

## How to calibrate

\*\*you must have an accurate 100 gram weight or combination of weights in order to calibrate\*\*

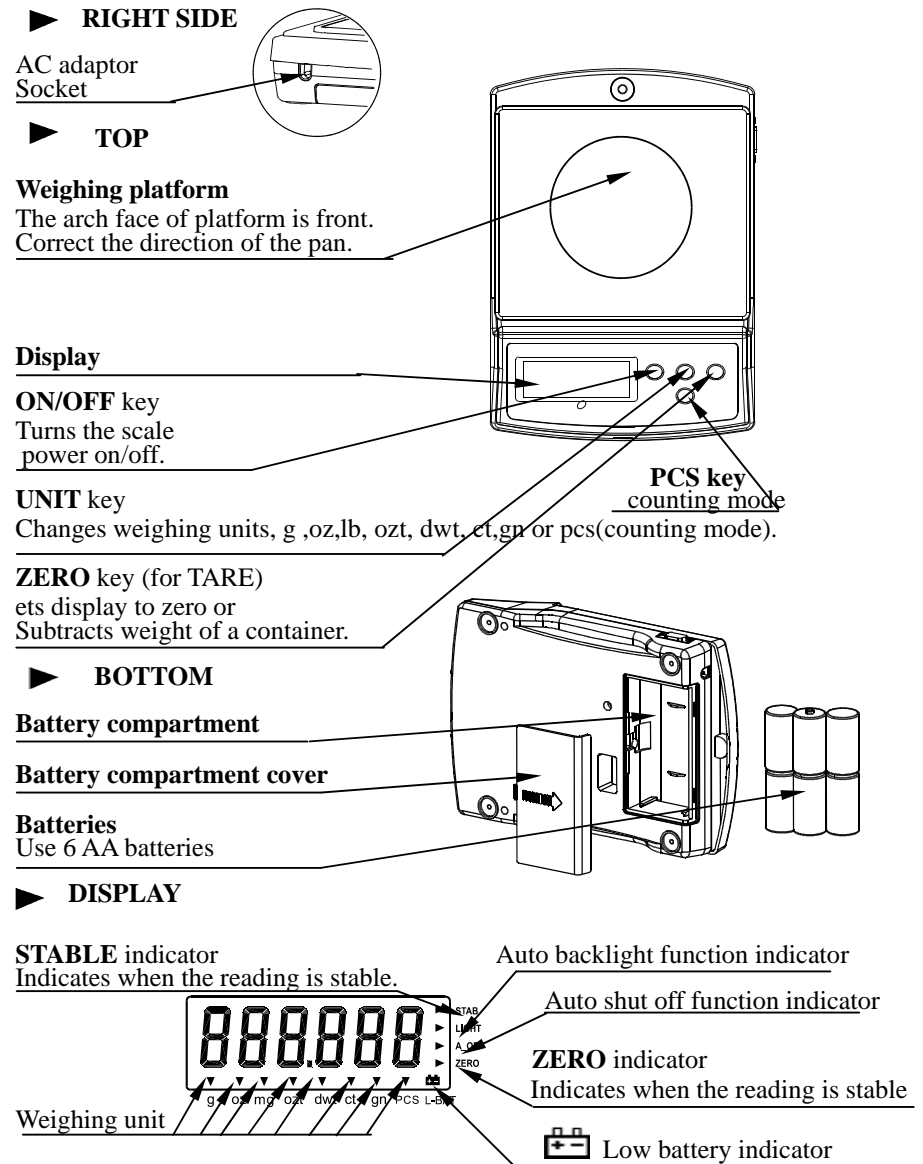
1. **The scale must be powered OFF.** Press and hold [ZERO] first, then Press [ON/OFF] while keeping the [ZERO] button depressed, then release both keys. The display will show the A/D value (a series of random numbers).
2. Wait for the stable indicator to be displayed, Press [UNIT] the display will show "00SAVE", then after 2 seconds the display will return to the random A/D value.
3. Place 100 grams of weight(s) on platform. Wait for the stable indicator to display, then press [UNIT], the display will show "00SAVE". Calibration is complete, remove the weight(s).
4. Turn the scale OFF (Press the ON/OFF key), then turn it back ON and check some weight readings. If calibration is still incorrect, repeat calibration but try it more slowly.

If calibration is repeatedly incorrect then: 1) Replace the batteries, 2) Try a more stable surface or vibration and interference free location, 3) Be sure there is no static electricity on the scale (use an anti-static spray to remove static electricity)

# FEATURES

- Auto shut off (optional)
- Auto zero tracking
- Low battery indication
- Large LCD (6digits 15 mm high)
- Large square weighing tray
- Net weight/stability indication
- 0.005 gram division – professional accuracy
- Auto calibration
- Auto backlight (optional)
- g /oz/mg/ozt/dwt/ct/gn/pcs conversion
- with counting function

# PARTS DESCRIPTION

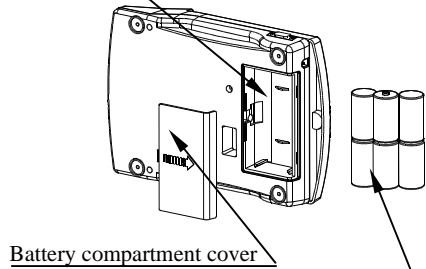


# PREPARATION

## 1. Installing batteries/Connecting the AC adaptor

### Batteries

Battery compartment



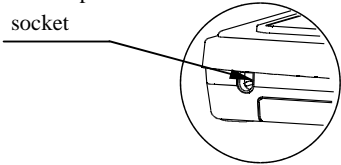
Battery compartment cover

Remove the battery compartment cover and insert six batteries(R6P/LR6 /AAsize) into the battery compartment, use extreme care that the polarities plus and minus are correct. BE CAREFULL Not to push on the tray! (Overload / Damage can occur)

R6P/LR6/AA size  
Dry batteries.  
(use high powered batteries only)

### AC adaptor (optional)

AC adaptor socket



Plug the AC adaptor to the AC adaptor socket on the side. The AC input requirement could be 100,120,220,230 or 240Volts (50/60Hz) depending on the area where used, so please verify that the adaptor is correct

## 2. Setting up the i101

△ CAUTION

Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction. Place your i101 on a firm weighing table so that the scale is level. (The scale will not perform accurately when it is not level.) Make sure there are absolutely **NO** air currents or vibrations. They can cause inaccurate readings. **Place the i101 on a firm surface that is flat and level for accurate weighing. Be certain there is no cell or cordless phone interference and no vibrations.**

# WEIGHING

## Before weighing

Whenever possible, please allow the scale to warm up for 30 seconds after first turning the power on so that the scale will function properly and accurately.

### Error messages

EEEE: Overload

: Low battery

### Calibration may be required before weighing.

Calibration is rarely needed. Read "CALIBRATION" first and if necessary, calibrate your scale for accurate weighing.

## Weighing procedures

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

When the power is turned on, all display segments appear for a few seconds and "0" will appear on the display.

### 2. Select the weighing unit with [UNIT].

Press [UNIT] to select a weighing unit "g"、"oz"、"mg"、"ozt"、"dwt"、"ct"、"gn" or "pcs".

Once the unit has been selected, the selected unit will be displayed next to the weight value.

### 3. Start weighing

#### If you do not use a container for weighing,

Verify the reading is "0". If not, press [ZERO] to display "0".

Place objects on the weighing platform to weigh.

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

#### If you use a container for weighing,

Place an empty container on the platform.

Wait for the stability indicator to be displayed and press [ZERO].

Place the objects to be weighed in the container.

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