

**SCALIX**  
**MULTIPURPOSE SCALES**

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**Compact Waterproof Scale**  
**Instruction Manual**



# SAFETY PRECAUTIONS

All safety messages are identified by the following 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 scale if instructions are not followed.</b>
△CAUTION	Important information that tells you how to prevent damage to scale.

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

### △ WARNING

**Use only the AC adaptor supplied with the scale/balance. Other adaptor may cause damage. Please note that the adapter is not waterproof so the scale is not covered by the IP rating when in use with the adapter.**

### △ CAUTION

Avoid installing the scale/balance in direct sunlight; this may cause discoloration or malfunctions.

Do not replace a few of the batteries at a time with different brands. Replace all batteries at the same time and make sure they are all the same brand.

If the scale/balance 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 the scale.

Avoid overloading the scale/balance as this could cause damage to the load cell.

Do not allow water to be present on the scale at all times. It is only splash proof so long exposure to water can damage the circuit board of the scale.

Avoid using the scale near anything that has electrically charged matter. Discharge the static electricity using an electrification prevention spray and spray both sides of the weighing pan.

# SPECIFICATIONS

Model number	Capacity	Division
FEC-3000	3000G	0.1G
FEC -6000	6000G	0.1G
Platter	165 × 175mm	
Net/gross weight	2.2kg/2.8kg	
Operating Temperature	0-40°C (32-104°F)	
Power source	6 × AA Size Batteries or AC/DC	
	Adapter 9V/100mA	

# FEATURES

- Auto shut off (selectable).
- Auto zero tracking
- Low battery indication
- Large LCD
- Net weight/stability indication
- Auto backlight (selectable)
- weighs in kg/g/lb/oz/lb:oz
- Large square weighting pan

# PARTS DESCRIPTION

## ► TOP

### Weighing platform

The arch face of platform is front.  
Correct the direction of the pan.

### Display

#### ON/OFF key

Turns the scale/balance  
Power on/off.

#### UNIT key

Changes weighing units

#### PCS key

#### ZERO key

Sets display to zero or  
Subtracts weight of a container.

## ► BOTTOM

### Battery compartment cover

### Battery compartment

### AA size Batteries

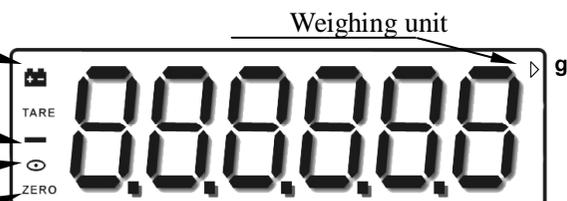
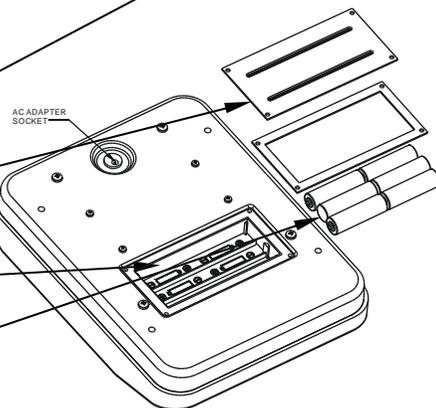
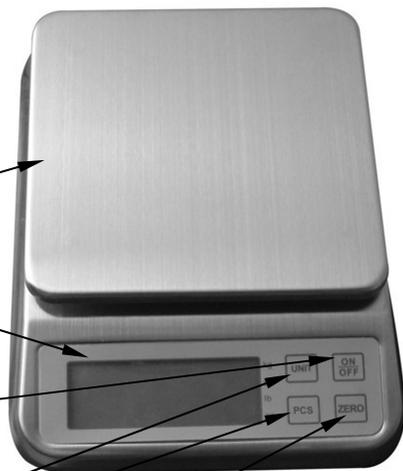
## ► DISPLAY

### Low battery indicator

### Negative value indicator

### STABLE indicator

### ZERO indicator



# PREPARATION

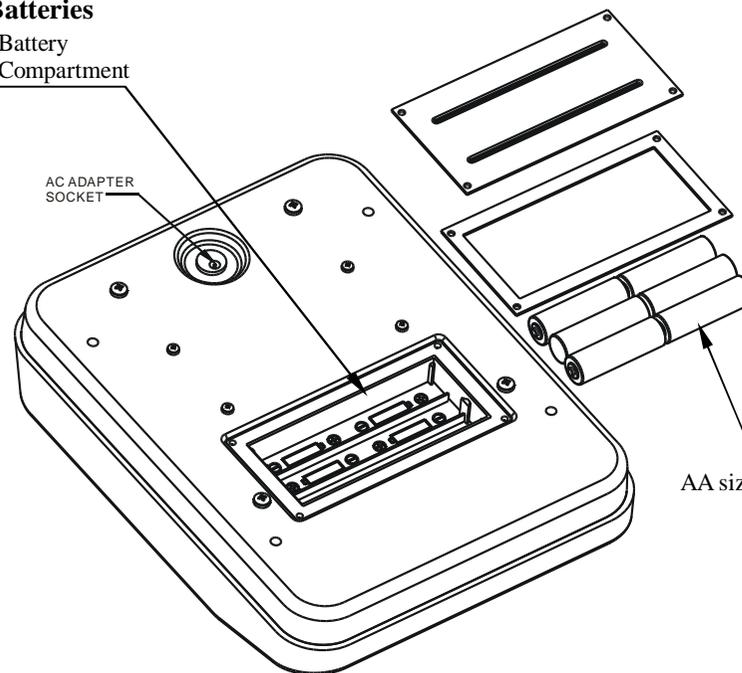
## 1. Installing batteries/Connecting the AC adaptor

### Batteries

Battery  
Compartment

AC ADAPTER  
SOCKET

AA size batteries



## 2. Setting up the scale/balance

### ⚠ CAUTION

Avoid installing the scale/balance in direct sun light; it may cause discolouration or malfunctions. Place your scale/balance on a firm weighing table so that the scale/balance is level. (The scale/balance will not perform accurately if it is not level.)

**Place the scale/balance on a firm, flat, and level surface for an accurate reading.**

# WEIGHING

## Before weighing

Whenever possible, please allow the balance to warm up for 10 minutes after first turning on, so that the balance will function properly and accurately.

### Error messages

EEEE: Overload

: Low battery

## Weighing Procedures

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

Press [UNIT] to select a weighing unit: kg, g, lb, oz or lb:oz  
An arrow will appear on the display next to the unit selected.

### 2. 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 on the bottom left hand side of the display.

#### 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 on the bottom left hand side of the display.

# FUNCTION SETTINGS

### (To change auto power off and back light settings)

To enter the function settings, turn the scale off using the [ON/OFF] button. Before turning the scale back on hold down the [PCS] button and keep [PCS] held while turning on the scale with the [ON/OFF] button. Do NOT release the [PCS] button until **A-ON** or **A-OFF** appears on the display.

Press the [ZERO] button, to change **A-OFF** to **A-ON** or vice versa.

**A-OFF** stands for disable auto power off.

**A-ON** stands for enable auto power off.

Now press [PCS] to change the display to show **L-ON** or **L-OFF**.

Press [ZERO] to change from **L-OFF** to **L-ON** or vice versa.

**L-OFF** stands for disable back light function.

**L-ON** stands for enable back light function.

Press [ON/OFF] button when you are ready to exit the function settings.

## Counting Procedure

### 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. Press [PCS] to enter parts counting mode. Using the [UNIT] button select the sample size you require. You can choose from 10, 20, 50 or 100.

4. Place your parts onto the scale matching the sample size you have selected.

5. Press [PCS] and PASS will appear on the display before showing the amount of parts which are on the pan.

6. Remove the parts from the pan if you wish to start counting from 0 or add more to the sample already on the pan to continue counting from your starting sample.

7. Press [UNIT] to exit parts counting mode.