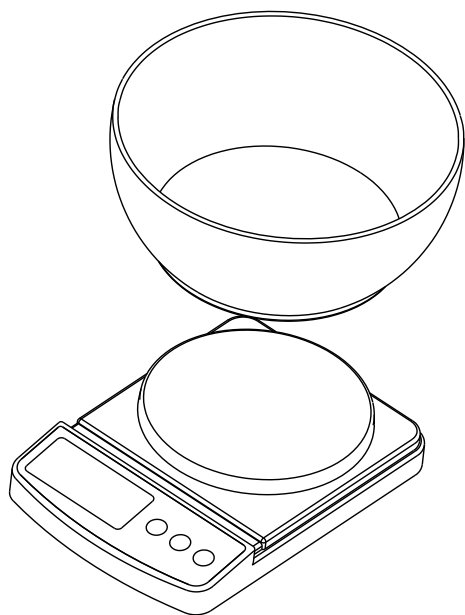# COMPACT SCALE/BALANCE

INSTRUCTION MANUAL

SAFETY PRECAUTIONS

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

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

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

△ WARNING

Use only batteries or an adapter. Do not use both at the same time as this will invalidate the warranty and damage the scale. (Only batteries are supplied with this scale)

△ CAUTION

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

Do not mix the type of batteries. Replace all batteries at the same time.
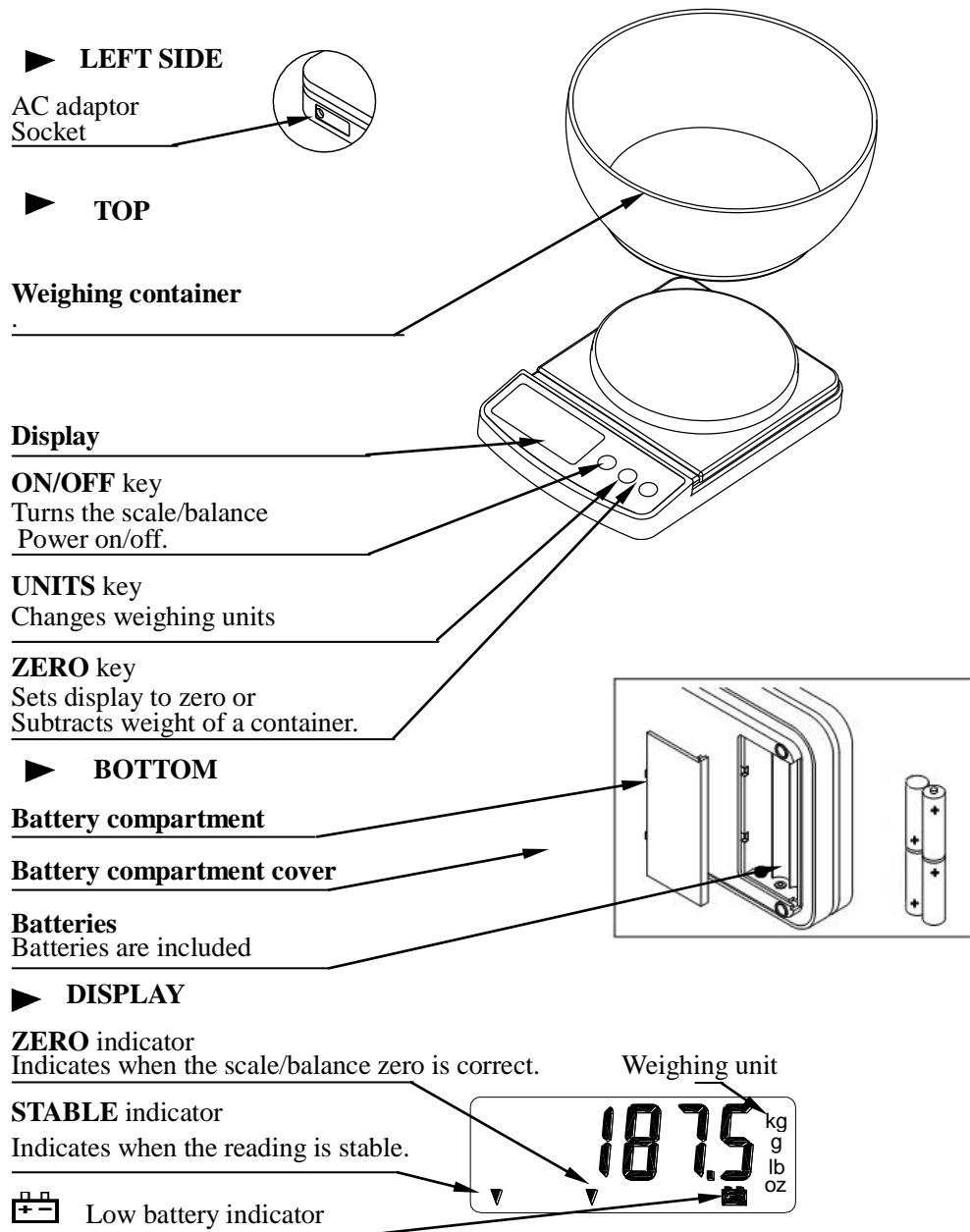
If the scale/balance is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage which may cause damage to the scale.

Avoid overloading that could cause damage to the scale/balance.

Do not drop water on the scale/balance it is not water-resistant. It will damage the inside if the scale/balance is wet.

Matter charged static electricity could influence the weighing. Discharge the static electricity. Example, the method is to use an electrification prevention spray. Spray it to both sides of the weighing platform.
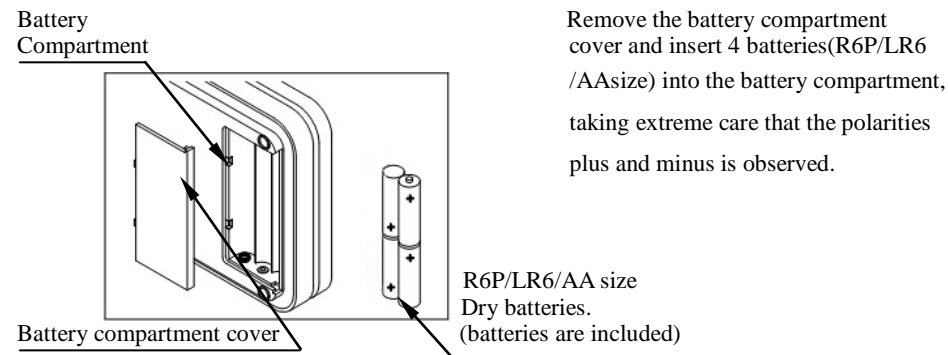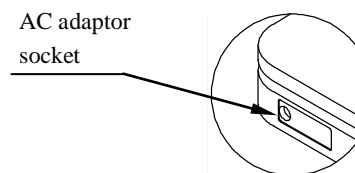
PARTS DESCRIPTION

► **LEFT SIDE**

AC adaptor
Socket

► **TOP**

Weighing container
.

Display

ON/OFF key
Turns the scale/balance
Power on/off.

UNITS key
Changes weighing units

ZERO key
Sets display to zero or
Subtracts weight of a container.

► **BOTTOM**

Battery compartment

Battery compartment cover

Batteries
Batteries are included

► **DISPLAY**

ZERO indicator
Indicates when the scale/balance zero is correct.

STABLE indicator
Indicates when the reading is stable.

Low battery indicator

Weighing unit

kg
g
lb
oz

PREPARATION

1. Installing batteries/Connecting the AC adaptor

Batteries

Battery
Compartment

Remove the battery compartment
cover and insert 4 batteries(R6P/LR6
/AAsize) into the battery compartment,
taking extreme care that the polarities
plus and minus is observed.

R6P/LR6/AA size
Dry batteries.
(batteries are included)

Battery compartment cover

AC adapter (not supplied)

AC adaptor
socket

Plug the AC adapter into the AC
adapter socket on the left hand side.

2. Setting up the scale/balance

△ CAUTION

Avoid installing the scale/balance in direct sunlight which may cause discoloration 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 when it is not level.)

Place the scale/balance on a firm surface which is flat and level for accurate weighing.

WEIGHING

Before weighing

Whenever possible, please allow the balance to warm up for 15 minutes after first turning on, so that the balance will function properly and accurately.

Error messages
Err-O: Overload
⊟: Low battery

Calibration may be required before weighing.
Read "CALIBRATION" first and if necessary, calibrate your scale/balance for accurate weighing.

Weighing procedures

1.Press [ON/OFF] to turn on the scale/balance.
When power is turned on, all display segments appear on LCD for a few seconds and finally "0" will appear on the display.

2.Select the weighing unit with [UNITS].
Press **[UNITS]** to select a weighing unit kg, g, Ib or oz .
An arrow will appear on the display next to the selected unit.

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.
The weight will be 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.
The weight will be displayed.

CALIBRATION

When to calibrate

Calibration may be required when it is initially installed or if the scale/balance is moved a substantial distance.
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 may occur.

How to calibrate
1.Before entering calibration mode, press **[ON/OFF]** to turn the power on for 1minutes.
2.Enter calibration mode
Press **[ON/OFF]** to turn the power off. Press **[UNITS]** first, and then press **[ON/OFF]**, while keeping hold of the **[UNITS]** key. The display will show CAL then the A/D value.
3.Calibration by the weight
Wait for the stable indicator to be displayed, then press **[UNITS]** the display will show "-------"then show the calibration weight.
4.Place the calibration weight on the scale. After the stable indicator is displayed, press **[UNITS]**, the display will show "PASS" then the weighing value. Now calibration is finished.
5. If "FAIL" appears turn the scale off and repeat steps 2 to 4
6.Return to weighing mode
Press **[ON/OFF]** to turn the power off. Press **[ON/OFF]** again to turn on the power and the scale/balance return to the weighing mode.

FEATURES

- Auto shut off (selectable).
- Auto zero tracking
- Low battery indication
- Large LCD (6digits 15 mm high)
- Auto backlight (selectable)
- kg/g/lb/oz conversion
- 1/30000&1/15000 division available

SPECIFICATIONS

Model number	Capacity	Division
FEJ -5000	5000g	1.00g
Platter	D=130mm	
Net/gross weight	560g	
Operating Temperature	0-40℃(32-104℉)	
Power source	4×AA Size Batteries or AC/DC (not supplied)	
	Adapter 6V/100mA	

FUNCTION SETTINGS

1. **Enter function setting mode.**

   Press **[ON/OFF]** to turn the power off. Press **[ZERO]** first and keep held while pressing **[ON/OFF]**. The display will show **A_ON** or **A_OFF**.

2. **Selection of auto backlight mode**.

   Press **[UNITS]** key, the display will show **L_ON** or **L_OFF**. Press **[ZERO]** to select **L_ON** (this means auto backlight is activated) or **L_OFF** (this means auto backlight function is deactivated).

3. **Selection of auto shut off mode.**

   Press **[UNITS]** key, the display will show **A_ON** or **A_OFF**. Press **[ZERO]** to select **A_ON** (this means the scale will turn off after 2 minutes of no activity) or **A_OFF** (this means auto shut off is disabled for continuous use).

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 return to the weighing mode.