

## FUNCTION SETTINGS

1. Enter function setting mode.  
Press [ON/OFF] to turn the power off, Press [ZERO] first, then press [ON/OFF], while keeping [ZERO] pressed, the display will show A\_ON or A\_OFF.
2. Selection of auto backlight mode.  
The balance enter function setting menu. Press [UNITS] key, the display will show L\_ON or L\_OFF, press [ZERO], selection display L\_ON, this means auto backlight function active, press [ZERO] again, the display will show L\_OFF, this means auto backlight function inactive, i.e. shut off backlight function.
3. Selection of auto shut off mode.  
Press [UNITS] key, the display will show A\_ON or A\_OFF, press [ZERO], selection display A\_ON, this means auto shut off function active. Press [ZERO] again, the display will show A\_OFF, this means auto shut off function 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 return to the weighing mode.

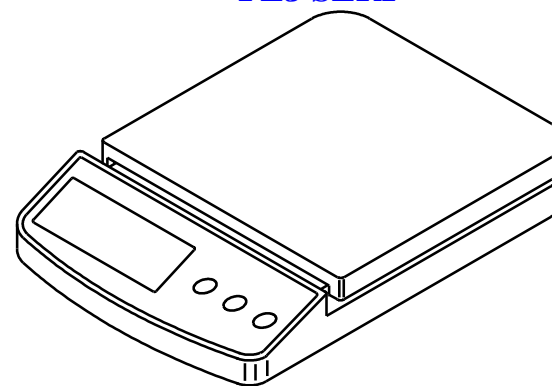


**CÂN ĐIỆN TỬ THỊNH PHÁT**  
www.CANTHINHPHAT.com  
Tel: (028) 62.888.666 - 0915.999.111

## COMPACT SCALE/BALANCE

### INSTRUCTION MANUAL

**FEJ SERI**



**THINH PHAT SCALES JONT STOCK COMPANY**

Tel: (028) 62.888.666 – 0915.999.111 Fax (028) 3512.7699

[www.canthinhphat.com](http://www.canthinhphat.com) - Email : [vo@canthinhphat.com](mailto:vo@canthinhphat.com)

## SAFETY PRECAUTIONS

All safety messages are identified by the following the 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 how to prevent damage to equipment.

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

### △ WARNING

Use only the AC adaptor with the scale/balance. Other adaptor may cause damage. (AC adaptor is optional)

### △ CAUTION

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

Do not mix the type of batteries. Replace all other 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 instrument.

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

Do not drop water in the scale/balance that is not water-resistant. It causes damage, if inside of the scale/balance is wet.

Matter charged static electricity could influence the weighing. Discharge the static electricity. As example, the method is to use the electrification prevention spray, to spray it to both side of weighing platform.

## SPECIFICATIONS

Model number	Capacity	Division
FEJ -100	100g	0.01g
FEJ -150	150g	0.01g
FEJ -200	200g	0.01g
FEJ -300	300g	0.01g
FEJ -600	600g	0.01g
FEJ -750	750g	0.05g
FEJ -1200	1200g	0.05g
FEJ -1500	1500g	0.10g
<b>FEJ -500</b>	<b>500g</b>	<b>0.10g</b>
FEJ -1000	1000g	0.1/0.2g
FEJ -2000	2000g	1.00g
<b>FEJ -1000</b>	<b>1000g</b>	<b>0.50g</b>
<b>FEJ -3000</b>	<b>3000g</b>	<b>1.00g</b>
<b>FEJ -5000</b>	<b>5000g</b>	<b>1.00g</b>
Platter	φ 115mm or 145 x 145mm	
Net/gross weight	510/620g	
Package	Standard carton: 23×16×5(cm <sup>3</sup> )	
	12 Units in one box: 48×35×20(cm <sup>3</sup> )	
Operating Temperature	0-40°C(32-104°F)	
Power source	6×AA Size Batteries or AC/DC	
	Adapter 9V/100mA	

# CALIBRATION

## When to calibrate

Calibration may be required when it is initially installed, if the scale/balance is moved to 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 1 minutes.

### 2. Enter calibration mode

Press [ON/OFF] to turn the power off. Press [UNITS] first, then Press [ON/OFF], while keeping pressing [UNITS], the display will show CAL then the A/D value.

### 3. Calibration by the weight

Wait for the stable indicator to be displayed, Press [UNITS] the display will show flashed calibration weight.

4. Place the calibration weight on platform. After the stable indicator is displayed, then press [UNITS], the display will show "-----" then the A/D value. Now calibration is finished.

5. Press [ON/OFF], turn off the power, press [ON/OFF] to turn on the power again, place the weight repeat steps 2-5.

### 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.

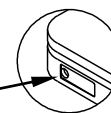
# FEATURES

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

# PARTS DESCRIPTION

## ▶ LEFT SIDE

AC adaptor  
Socket



## ▶ TOP

### Weighing platform

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

### Protector

Remove it before use

### 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.

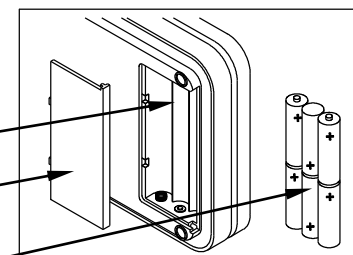
## ▶ BOTTOM

### Battery compartment

### Battery compartment cover

### Batteries

Batteries are not included



## ▶ DISPLAY

### ZERO indicator

Indicates when the reading is "0"

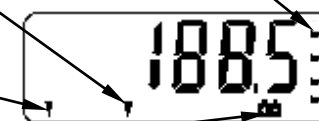
Weighing unit

### STABLE indicator

Indicates when the reading is stable.



Low battery indicator

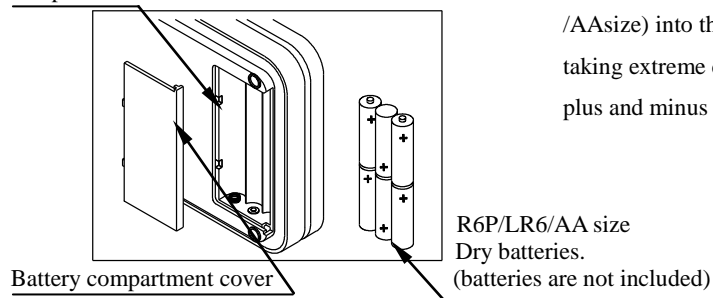


# PREPARATION

## 1.Installing batteries/Connecting the AC adaptor

### Batteries

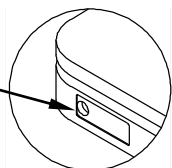
Battery compartment



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

### AC adaptor (optional)

AC adaptor socket



Plug the AC adaptor to the AC adaptor socket on the side. The AC input requirement could be 110,120,220,230 or 240Volts (50/60Hz) depending on the area where used, so please verify that the adaptor is correct

## 2.Setting up the scale/balance

### △ CAUTION

Avoid installing the scale/balance in direct sunlight, that 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 the firm surface that is flat and level for an accurate weighing.**

# WEIGHING

## Before weighing

Whenever possible, please allow the balance to warm up for 10 minutes after first turning to power 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, eg. "g"、" ct " ....

Once the unit has been selected, the selected unit will be displayed 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.

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.