

The use method of computer RS232 socket: refer to photo Disk.

ASC II code receive parameter (the RS232 transfer parameter)

Baud rate 9600

Parity bit none

Data bit 8

Stop bit 1

COMMERCIAL SHIPPING SCALE

Counting Procedure

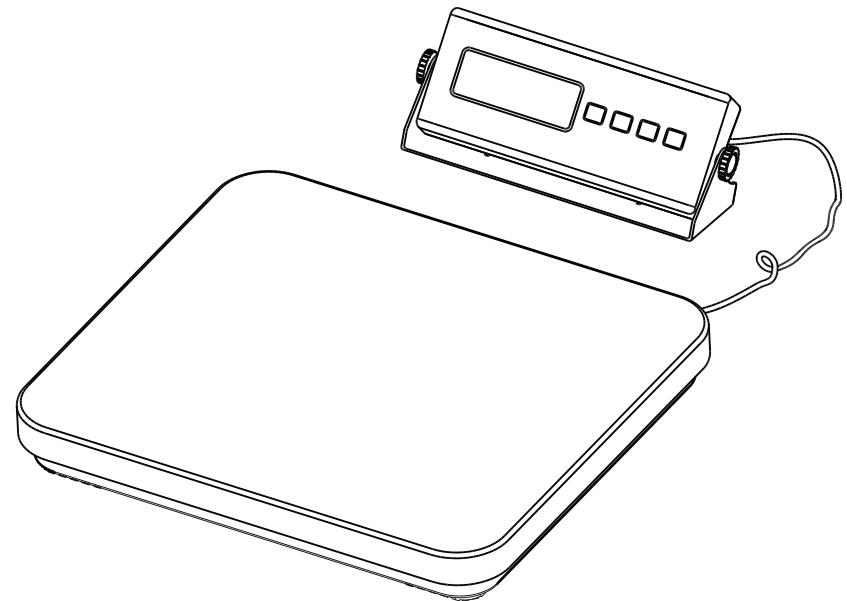
1. Press **[ON/OFF]** to turn on the scale.
2. Wait for "0" to appear on the display.
3. If necessary, press **[ZERO]** key to set the display to "0"
4. Press the **[UNIT]** key to put the scale in PCS mode, the display will show 0PCS
5. Press the **[PCS]** key to select P=XX value (10, 20, 50 or 100)

NOTICE: Sample unit weight should not be less than the division.

(Minimum part weight is 40g)

6. Place a sample of items on the pan (the Sample Size should be 10, 20, 50 or 100 pieces).
7. Press **[UNIT]** key it will show "PASS" and the sample size is stored.
8. Start counting by adding or removing parts on the scale.
9. Press **[UNIT]** key to return to the weighing mode.

INSTRUCTION MANUAL



SAFETY PRECAUTIONS

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

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

△ WARNING

Use only the AC/DC adaptor supplied with the scale. Other adaptors may cause permanent electrical damage. **DO NOT use the adaptor and batteries at the same time. This will damage the circuit board and invalidate the warranty.**

△ CAUTION

Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction.

Replace all 6 batteries at the same time.

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 exceed the maximum capacity of 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.

SPECIFICATIONS

Model number	Capacity	Division
FCS-60	60kg	20g
Platter / Tray	315×325mm or 14x16inch	
Net/gross weight	6kg/7kg	
Operating Temperature	Optimum: 15-30°C (62-90f)	
Power source	6×AA Batteries or AC/DC	
	Adapter 9V/100mA	

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 shipping scale. 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.



CALIBRATION

Calibration should be carried out whenever the scale is not reading accurately or after long distance transportation.

How to calibrate

you must have an accurate kilogram weight or combination of weights in order to calibrate

- 1) Put the scale on a level place and make sure the scale is off.
- 2) Press and hold the [UNIT] key and keep the [UNIT] key held while pressing [ON/OFF] key. The display will show CAL then a series of digits (A/D value).
- 3) Press [UNIT] key again, it will show the calibration weight (50 kg).
- 4) Place calibration weight onto platform, then press [UNIT] key, it will show a series of digits (A/D value)
- 5) Press [ON/OFF] to turn the power off. Press [ON/OFF] to turn the power on again. Place the weight on the platform and check that the scale is weighing correctly, if not, repeat steps 2-4.

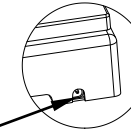
FEATURES

- Auto shut off (selectable)
- Auto zero tracking
- Removable display w/3ft cord
- Large LCD (5 digits 28 mm high)
- Large square weighing tray.
- AC Power
- kg /lb
- Counting function
- Auto backlight(selectable)

PARTS DESCRIPTION

► SIDE

AC adaptor
Socket



ON/OFF key

Turn the scale power on/off.

PCS/HOLD KEY

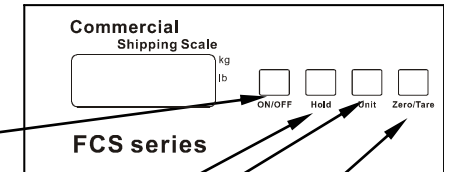
Select parts counting quantity or to hold readings

Unit key

Change weighing units, eg. kg or lb,.

Zero/Tare key

Set display to zero or
Subtract weight of a container.

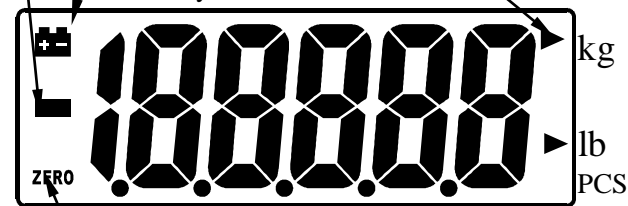


► DISPLAY

Negative value indicator

Low battery indicator

Weighing unit



ZERO indicator

Indicates when the reading is "0".

Setting up the Scale

AUTO OFF FUNCTION

Before turning the scale on, press and hold [PCS] key, while pressing [ON/OFF], the display will show A.__. Press [ZERO] key to select **A.120** (power off after 2minutes), **A.180** (power off after 3minutes), **A.300** (power off after 5minutes) or **A.off** (disable auto power off for continuous use).

BACKLIGHT

Before turning the scale on, press and hold [PCS] key, while pressing [ON/OFF], the display will show A.__. Press [PCS] key again and the display will show L.__. Press [ZERO] key to select **L.on** (back light on at all times), **L.off** (back light off at all times), **L.Stb** (back light will only come on when the reading is stable) or **L.Aut** (back light will automatically come on when a weight is placed on the pan).

RS232 interface

Baud rate setting

Before turning the scale on, press and hold [PCS] key, while pressing [ON/OFF], the display will show A.__. Press [PCS] key twice and the display will show **b._____**. Press [ZERO] key to select **b.9600**, **b.1200**, **b.2400** or **b.4800**.

DATA TRANSFERRING MODE

Before turning the scale on, press and hold [PCS] key, while pressing [ON/OFF], the display will show A.__. Press [PCS] key three times and the display will show **n._____**. Press [ZERO] key to select **n.Con** (data will be transferred continuously), **n.Conn** (data will be transferred once receiving 0a order from the computer), **n.key** (data is transferred by pressing [PCS] key) or **n.Stb** (data will be transferred when the reading is stable)

Weighing Unit selection

Before turning the scale on, press and hold [PCS] key, while pressing [ON/OFF], the display will show A.__. Press [PCS] key four times and it will show U.__. Press [ZERO] key to select **U.on** (means you can select kg or Ib) or **U.off** (means you can only weigh in kg).

PCS & HOLD Key Function Selection

Before turning the scale on, press and hold [PCS] key, while pressing [ON/OFF], the display will show A.__. Press [PCS] key five times and the display will show **K._____**. Press [ZERO] to select **K.PCS** (PCS counting key will work for parts counting function) or **K.HOLD** (PCS counting key will work as a HOLD function instead).


Press [ON/OFF] to exit and save any changes to the scales settings.

WEIGHING

Before weighing

Please allow the scale to warm up for 15 minutes after first turning the power on so that the scale will function properly and accurately.

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 count down from 9 and finally "0" will appear on the display.

2.Select the weighing unit with [Unit].

Press [Unit] to select a weighing unit kg or lb.

The unit selected will be indicated on the display by an arrow pointing to kg or lb.

3.Start weighing

If you do not use a container for weighing,

Confirm the reading is "0". If not, press [Zero/Tare] to display "0".

Place the items to be weighed on the platform.

The weight is displayed.

If you use a container for weighing,

Place an empty container on the platform.

Wait for 3 seconds and press [Zero/Tare].

Place the objects to be weighed in the container, the weighing is displayed.