

OPERATION MANUAL

1. General Information

The balance adopts strain gauge sensor with high stable resistance in high accuracy and single chip microprocessor in high function and low power. It includes following function: Automatic

self-calibration, tare, memory, count and error indication. Full functions and simple operation by intelligent design! Light touch indication, LCD display with backlight, easy to see, simple cleaning. Good stable repeatability. Firm bottom structure.

2. Operation

- (1) Place the balance on a smooth and steady table. Please adjust balance through adjustable screws at the bottom of the balance if the table is not horizontal. Avoid vibration, sunshine, air movement, large temp/humidity difference and magnet.
- (2) The air temperature should be kept at about 5°C– 35°C at all times with a relative humidity level of about 50%–85%.
- (3) The balance accepts adaptor AC input voltages of 220V or 110V, DC input voltages of 9V. or use 8 pcs of AA-battery.
- (4) Please connect power supply and press the key “on/off” to turn the balance power on. It will display “8.8.8.8.8.8”, “Max. Capacity” and “– – ” step by step. You can see use it after it displays “0.0” , “0.00” or “0.000”. (You had better warm the balance up for half an hour before using.)
- (5) Place the object you want to weigh on the balance pan, it will display the weight value after the balance is stable.
- (6) Place a container on the balance pan if you want to weigh the object located in a container. Press “TARE/ZERO” key to

zero the display. Place the object in the container, the balance will display the weight value after the balance is stable.

(7) Press "PCS" key for part count when it's zero, the balance will display "--COU--" and "-----", and shows "10", select number from "10", "20", "50", "100", "200", "250" to "500" by pressing "CAL", Place "10", "20", "50", "100", "200", "250" or "500" pieces of same object you want to weigh on the balance pan, press "PCS" key to confirm. Please take the objects away from the balance pan. Now you can count object.

Press "PCS" key if you want to exit count mode.

(8) For LCD display balance, Press "UNIT" key for choosing weighing unit "g ,ct, oz, lb".

3. Linearity calibration

Place the balance on the firm and level table. Empty and zero the balance. Press and hold "CAL" for several seconds when the balance is stable, the balance displays "CAL" and a weight value. Place relevant weights on the balance pan according to the weight values, it shows "-----" under processing condition, and then it shows test weight value . Remove the weight; it displays "0.0", "0.00" or "0.000". The calibration succeeds.

4. Notice

The balance will display "____" if your object overloads 0.2 percent of the full capacity, please remove your object at once.

(1) Please switch the balance pan according to the direction of hour-hand if you want to remove the pan. Do not lift it up directly.

(2) Error information table:

Error information	Specification	Transaction
—————	It means that the object's weight on the balance pan is less than 0 gram	Calibrate the balance
-----	It means that the object's weight on the balance pan is overload	Calibrate the balance
Err-1	It means that you turn on and off the balance continuously	Turn the balance off, then turn it on after 3 seconds.
Err-2	It means that the object's weight is not stable	Do not operate anything to wait.

(3) You can not put the balance on places where is high temperature, high humidity, explodeable

(4) You can not overload or impact the balance.

(5) When you will not use the balance, please clean it, and put a desiccant and pack it with PE bag.

(6) For more details of technology, contact manufacturer please.

5. Accessories:

Balance main machine, pan, pan support, adaptor, operational manual, weights.