# Scigiene

BPS-XXXX Electric Precision Scales

**User Guide**

**Welcome to the manual for the BPS-XXXX electronic precision scales. These balances have high accuracy and microprocessor with high function and low power. It includes the following functions: Automatic self-calibration., Tare, Memory, Count and Error Indication. Full functions and simple manipulation by simple design! Light touch operation, easiness to see, simple cleaning.**

**OPERATION:**

1. Place the balance on a smooth and steady table. Please adjust the balance through adjusting the screws at the bottom of the balance if the table is not smooth or steady. Avoid vibration, sunshine, air movement and magnet.

2. The air temperature should be kept at about 5℃-35℃ at all times with a relative humidity level of about 50-85%RH.

3. The balance accepts AC input voltages of 220V, DC input voltages of 9V.

4. Please connect power supply and turn the balance on. It will display "8.8.8.8.8.8. ",  "Max. Capacity" and "_ _"step by step. You can use it after displays "0.0",  "0.00"or "0.000" (Turn the balance on for half an hour before using.)

5. Place the object you want to weigh on the balance pan, it will display the weight value.

6. Place a container on the balance pan if you want to weigh the object in a container. Press "TARE/ZERO" key to zero the display. Place the object in the container; the balance will display the weight value.

7. Press "PCS" key for part count, the balance will display "PCS" and "10". Choose average number from 10",  "20",  "50",  100",  150",  "200",  "250"to "500" by pressing "CAL". Place "10",  "20",  "50",  "100",  "150",  "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 escape count mode.

8. Press "UNIT" key for choosing weighing unit: g, ct, oz, lb.

## LINEARITY CALIBRATION:

Press and hold "CAL" for 5 seconds, the balance displays "CAL" and a weight value. Place relevant weights on the balance pan according to the weight values. At last, remove the weight, it displays "0.0",  "0.00"or "0.000". You had finished the calibration.

## NOTICE:

1. The balance will display "- - - -"if your object overloads 0.2 percent of the null capacity, please remove your object that time.
2. Please switch the balance pan according to the direction of hour hand if you want to remove the pan. Do not lift up directly.
3. For more details of technology, contact manufacturer please.

## 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 |