Instruction Manual

HC Series Electronic Balance 2000gm to 0.01gm

Simple calibration, back light, tare, memory, count, error overload indication with light touch operation and large easy read display. AC rechargeable battery 220V50HZ.

Operation :

1. Place the balance on a smooth and steady table. Level balance using the adjust screws at the bottom of the balance (bubble level on the top left of the panel should be in the centre of the red circle). Avoid vibration, sunshine, air movement and magnets.
2. The air temperature should be kept at about 5°C - 35°C at all times with a relative humidity level of about 50%-80%RH.
3. Push power key and turn on. It will display "8.8.8.8.8.8", "Max Capacity" and "_ _" step by step.
4. Allow to warm up. You can start to use after it displays "0","0.0" or "0.00".
5. Press "UNIT" key to change to ct,oz,lb or gms.
6. Place your object you want to display on the balance pan, it will display the weight value.
7. Tare: Place weighing container on the balance pan, press "TAR" key to zero the balance. Place your object or contents for weighing in the container and the balance will display the weight value.
8. Counting: Place weighing container on the balance pan, press "TAR" key to zero the balance. Press PCS key and "COU" will appear in display hold till flashing 10 appears in the display and then place 10 of the objects you wish to weigh in your container. Press PCS key and a steady 10 will appear in your display. Balance is now

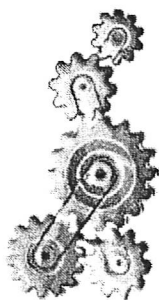ready to count by weight. Press "PCS" key and then "TAR" to escape counting.

9. Counting (using higher average range) : Place weighing container on the balance pan, press "TAR" key to zero the balance. Press PCS key and "COU" will appear in display. Press "CAL" key and choose average number range from 10" to "250" in the display and then place the correct number of the objects you wish to weigh in your container. Press PCS key and the steady value amount will appear in your display. Balance is now ready to count by weight. Press "PCS" key and then "TAR" to escape counting.

Calibration:

1. (Quick calibration) Switch balance on and hold "CAL" for 5 seconds, the balance will display "1000.00g" place the 2 x 500g weights (provided) on top of each other and place in the very centre of the balance pan, display will automatically calibrate and then show a steady "1000.00gs". Remove weights and it will display a steady "0.00g - calibration is now complete.

2. (4 point calibration) This operation requires a full weight set of 2000g, 1500g, 1000g and 500g weights (not included with balance). Switch balance on and hold "CAL" for 5 seconds, the balance will display "1000.00g" . Hold "PCS" key down for 5 seconds, balance will then display 1st weight value of 2000g place correct value weight in the very centre of the balance pan, display will automatically calibrate and then show a steady "2000.00g" remove and change required weights in order as indicated. Remove last weight - calibration is now complete,

Errors

Error information	Specification	Action
⎯⎯⎯	Object on balance is Less than 0 grams	Calibrate the Balance.
-----	Object on balance is to heavy and unit has gone into overload.	Calibrate the Balance.
Err-1	Object on balance exceeds 2000g and unit has gone into overload. Turn off and on continuosly	If error message does not disappear. Switch the balance off. Turn Balance on after 3 seconds. Calibrate the Balance.
Err-2	Weight on balance is unstable.	Don't try this weight again (not suitable for this Balance)