

Instruction manual

Universal manual for both square and round platter scales

Electronic Balance

- ✓ Experiment analysis
- ✓ Medicinal weighing
- ✓ Jewelry weighing



☎ Whatsapp/Wechat: +8615958157037

✉ Email: Service Email: bonvoisin2020us@hotmail.com

📦 Amazon Store Name: Bonvoisin



Preparation



Instructions

Use the correct power supply and voltage with the balance.

Using an incorrect power supply or voltage with the balance will lead to fire or trouble with the balance.

Note also that if the power supply or voltage is unstable or if the power supply capacity is insufficient, it will not be possible to obtain satisfactory performance from the balance.

Power the scale by **AC 110V** or **DV 9V** battery.

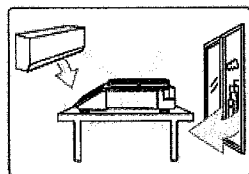


Prohibitions

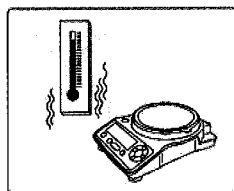
Avoid locations where the balance will be exposed to any of the

following situations:

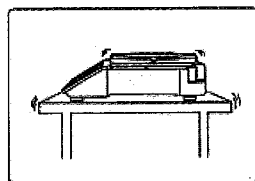
✧ Air flow from an air conditioner, ventilator, door or window.



✧ Extreme temperature changes

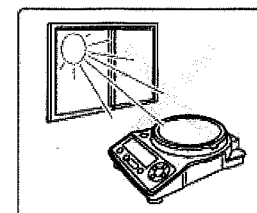


✧ Vibration from surroundings or nearby equipments

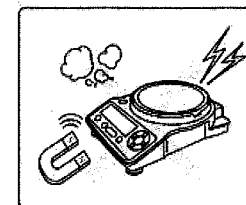


Preparation

✧ Direct sunlight



✧ Dust, electromagnetic waves or a magnetic field



Instructions

Install the balance on a strong and stable flat table or floor.

Placing the balance in an unstable site could lead to troubles with the balance or injury to users.

When selecting the installation site, take into account the combined weight of the balance and the item to be weighed.

Preparation

1. Place the scale on a steadily on the surface. You can test by pressing cross line of the scale with two hands by force to see whether it will wobble, if not, then it is stable.

Youtube link about how to set the scale level:

<https://youtu.be/D3D8zlo13ig>



Besides, the scale will get influenced by environment as well as electronic gadgets. So does other factors such as wind from outside window or air conditioner, the sudden approach of hands(the heat of hand),someone passing by from the scale(the wind caused in this process).

So while using the scale, those factors must be excluded to assure the precision.

2. Install the under plate and weighing plate.

Make sure the Concave side of the under plate face upside.

Here is the video link about incorrect and correct under plate installation:

<https://youtu.be/TPBwDGYtSyk>



Functions

1. Power Supply

The scale has two power modes, plug-in or 9V battery.

Please be noted that the AC adapter is of **110V ONLY**. If your local voltage is 220V, do NOT use the 110V AC adapter. power the scale by 9V battery.

(1) .Battery Installation

I .Connect the wire to the battery and make the wire connection side on top.



II . Sort out the wires and put them on the left side of the battery case before put the battery in.



III. Put the battery in and then close the lid.



Functions

2. Button Instruction



The circle at the upper left corner shows the stability of the scale. If it keeps twinkling, it means the scale is not placed steadily and please see the instruction on the preparation part to set it level.

3. Functions

(1) Weighing Function

Press ON/OFF key to start the scale and wait until it displays "0.00g" or "0.000g". Put the weighing item on the plate. After the scale get a stable results, remove the weighing item.

Functions

NOTICE

If the weighing item is left on the scale for sometime, the results will get inaccurate.

If you want to record the weight change through a period, it's recommended to reweigh the items at a specific time period.

For example, if you want to know the weight change of a bottle of water every 30 minutes.

After the first weighing, remove the bottle. And reweigh it after 30 minutes. Do **NOT** leave it on the scale for 30 minutes and record the results then.

(2) Unit Conversion

Press UNIT key to convert unit from g, ct, oz, ozt, N, lb, dr, GN, dwt, %, t/T, T, T/A/R.

(3) TARE Function

Start the scale and wait until it displays "0.00".

Put the container on the scale and press TARE key to subtract the container weight.

Functions

(4) Counting Function

Start the scale and wait until it displays "0.00" or "0.000".

Press PCS key and the scale will twinkle "10".

Put 10 samples on the scale and press PCS key to confirm.

Sampling done and you can start to count.

(5) Calibration Function

Open the scale and wait until it displays "0.00" or "0.000".

Press and hold "CAL" button and it will twinkle a number. It means the specific weight is required. For example, if it twinkles "2000.00", it means 2000g weight is required.

Put the calibration weight on the scale and it will stop twinkling.

Remove the weight, calibration done.

NOTICE

Calibration weight is included for 200g-3000g scale. But for 5000g scale, weight is not included because 2000g weight is too heavy and will damage the scale.

For 2000g and 3000g scale, it requires 1000g weight. And there are two pieces of 500g weight in the package. When calibrating, put both of 500g weight on the scale.

Specification

Model	5002	10002	20002	30002	50002	1003	2003	3003	5003
Maximum range	500g	1000g	2000g	3000g	5000g	100g	200g	300g	500g
Resolution	0.01g	0.01g	0.01g	0.01g	0.01g	0.001g	0.001g	0.001g	0.001g
Peeling range	500g	1000g	2000g	3000g	5000g	100g	200g	300g	500g
Calibration weight	500g	500g	1000g	1000g	2000g	50g	100g	200g	200g
Plate size	180X140mm					φ 90mm			
Size	260X200X60mm					260X200X140mm			
Power	AC110V/DC9V								
Operating temperature	5~35℃								
Use humidity	50-85%								

Product standard: Electronic GBT 26497-2001

Troubleshooting

Error	Reason	Solution
Underline" ____"	Sample unit weight too light when counting	Increase sample unit weight
	Sensor damaged	Contact us to get a replacement
Line across the top" ____"	Sensor damaged or short circuited	Contact us to get a replacement
ERR_1	Sensor crashed	Unplug the adapter or remove the battery to shut it off and then power it and start it.
ERR_2	Not stably placed when start the scale	See the preparation steps and restart it
Inaccurate Weighing	Need Calibration	Calibrate it according to the instruction. (If the scale is still not accurate after first try, calibrate it for several more times.)
reading fluctuating (keeps going up or down)	Environment issue or incorrect plate installation	See preparation part (page 3) to exclude environment influence. Check under platter installation (Page 4). NOTICE: If the reading goes up and down for a few digits, it's caused because the sensor is sensitive to the environment, it's not damaged. For example, when weighing a 200g weight, the scale shows 200.00 and then 200.01, 200.02, 199.99. It's within ±4digits and there is nothing wrong with the scale. If you think it's not convenient for use, you can decrease its sensibility by changing its program. And here is the video of adjusting program. https://youtu.be/Sgkx2bmEYgk

Troubleshooting

Error	Reason	Solution
Scale reads twice as its actual weight. For example, the scale reads 1000g when you put 500g weight on.	Put the wrong weight on the scale when calibrating.	Take 3000g scale for example, when calibrating, it requires 1000g weight. And if you only put 500g weight on the scale, it will recognize 500g as 1000g. To correct it, just calibrate it again with correct weight.
	out of power	If you have powered it by battery, please change battery. If you power the scale by power cord, then the cord may be damaged. Please check it with battery. If the scale can work properly with the battery, then it's the power cord problem. Please contact us and we will help you free replace the power cord.
Can not start the scale	Scale damaged or out of power	Power the scale with new battery first to see whether it can boot. If it can, the scale is fine and it's out of battery or power cord damaged. Contact us to get a replacement power cord. If the scale still can not start with battery, scale is damaged. Contact us to get a new replacement.
scale does not return to zero after weighing	/	1. If it can't return to ZERO before weighing, press TARE/ZERO button to return to zero. 2. If it can't return to ZERO after weighing. Please check whether it is overload and calibrate it following the instruction.
Reading changes even nothing on	Environment influence	Exclude environment influence such as electronic gadgets, wind from outside window or air conditioner, the sudden approach of hands (the heat of hand), someone passing by from the scale (the wind caused in this process). Adjust the program to decrease its sensibility: https://youtu.be/Sgkx2bmEYgk

Troubleshooting

Error	Reason	Solution
After placing weight on top scale remaining zero	Sensor damaged	Contact us and get a replacement
Display cracked	Damaged during transportation	Contact us and get a replacement
no calibration weights	200g-3000g scale has calibration weights while 5000g scale does not because the 5000g scale needs 2000g calibration weights, which is too heavy and might damage the scale during international shipment.	If 200g-3000g scale has no weight, contact us to get a weight. If the 5000g scale can't weigh accurately and need calibration, contact and we will reimburse the cost of calibration weight.
Other problems	/	Contact US! Email address: bonvoisin2020us@hotmail.com

Recommendation

Name	ASIN	Picture	Features
10kg, 0.1g scale	B08523CZQ8		1. Plug-in or battery power 2. Counting function/Tare function
3000g, 0.01g rechargeable scale	B0972KPKV		1. Within rechargeable lithium battery 2. Advanced Calibration-Put any weight in multiples of 100g (like 100g, 200g...) and the electronic balance will recognize the weight and calibrate.
5000g, 0.01g rechargeable scale	B087Q4YCZ7		1. Upgraded sensor, precise weighing 2. With RS232 interface
300g, 1mg scale	B086VCGNCB		1. with RS232 interface 2. 5 units conversion(g/ct/oz/lb/ozt)
120g, 0.1mg scale	B08DHTCS4T		1. with RS232 interface 2. units conversion(g/mg/oz/ct)

Recommendation

Name	ASIN	Picture	Features
300kg postal scale	B08M3MD2M C		1. Dual Range-The postal scale has dual ranges: 150kg/330lb, 50g readability and 300kg/660lb, 100g readability 2. kg/oz/lb Units Conversion
600g, 0.01g scale	B0897BW3B9		1. Small size 2. Unit conversion from g/oz/ct/dwt/T/gn 3. Plug-in or battery power
30kg counting scale	B0859BZQLB		1. kg/lb Conversion 2. RS232 interface
Triple beam scale	B08HMFVRHC		1. work without battery or other power sources 2. Capacity: 2610g; readability: 0.1g. Beams: 10x0.1g; 500x100g; 100x10g