CAUTIONS

1. Handle with care, the weight of things should within the capacity.
2. Working conditions: avoid working in conditions of shock, electromagnetic interference, strong radiation, and strong corrosive gas. Windshield is necessary.
3. The preheating time should be guaranteed. Users can recalibrate the balance to ensure the accuracy.

Instruction Manual

Electronic Balance

DEAR CUSTOMER

In order to achieve the best performance of your product, please read this instruction manual carefully before using, and keep it for future reference.

If you need extra support, please write to: ***sarah@zghaoyu.com***

1. Overview

High precision electronic balance HYB series is the new product of our company's high precision products. They have the superior functions as follows:

Higher precision and sensitivity

Use the high precision strain sensor load cell, it can weighing the goods with magnetism.

Auto-correction function

Unit conversion function. g(gram), ct(karat), oz(ounce).

Output interface. It can connect the printer and PC. The PC can control the balance through the connection.

Counting function.

2. Specification and Function

Model	HYB					HYA			
Max Weigh	200g	300g	500g	600g	1000g	2000g	3000g	5000g	6000g
Resolution	0.01g	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g
Calibration Division	10d	10d	10d	10d	10d	10d	10d	10d	10d
Tare Range	200g	300g	500g	600g	1000g	2000g	3000g	5000g	6000g
Weight Standard	200g	200g	500g	500g	1000g	2000g	2000g	5000g	6000g
Pan Size	Φ135mm					190×160mm			
Volume	196(W)×215(D)×62(H)mm								
Power Supply	AC220V±10% AC110V±10% 50Hz±1%								
Temperature	0~40℃								
Humidity	≤80%R.H								

3. Operation Mode

1.1 Plug in the power and switch on the scale. Window showing"F----1" to "F----9", waits for several seconds until the scale was stable. Then wait for **15 minutes for warm-up**.

1.2 If the window isn't showing zero under no-load condition, please press "TARE" key to make it shows zero.

1.3 If you never used the balance or used for over 2 months, you need to calibrate the balance.

1.3.1, warm-up for over 15 minutes under the no-load condition. Press "CAL" key. Window shows"C-XXX-", scale will enter into self-checking condition. "XXX" is the weight for calibration.

1.3.2 put down the weight on the plate, the balance will show the weight of weight. Self-checking will be finished when triangle stable symbol point to "g". Calibration finished.

Note: If window shows"C----F", it means unstable, press "TARE" key to make balance return to zero, then press "CAL" key for calibrate.

4. If the weight beyond the capacity, balance will alarm by showing "F----H".

5. Deducting the weight of carrier: press "TARE", balance shows "0", then put things on, digits shows the net weight of things. Take away the things and carrier, balance show negative number of carrier's weight, press "TARE" to return to "0".

6. COUNTING Function:

6.1 selection of samples: optional quantities of samples: 1-10-20-50-100. To ensure the accuracy, the lighter of the samples, the more you should take for sample.

6.2 put bunches of samples on balance, digits show weight of samples; press "COUNT", digits show "10", light beside "pcs" is on, it means count function begin with 10 sample, press unit translate key, change the quantity 1-10-20-50-100, choose the correct one, press "CAL" to confirm. Then put more on, digits shows the quantity in total. Press "COUNT" to back to weigh function when necessary.

7. Unit Translation

Press unit translation key to change "g"-"ct"-"oz", light in the window is on correspondingly.

8. Data Output

RS-232 to USB interface is optional. If the balance need to connect with computer, it should install CH340 driver program on the computer.