

precision balance with gold-plated ceramic capacitive sensor

Precision balances can provide accurate weighing results in a variety of environments, and are suitable for accurate measurement of large objects, liquids, and complex samples.

Main Features of the Precision Balance

1. Graduated value: accuracy up to 10mg, suitable for weighing tasks that require higher accuracy but not up to milligram accuracy.
2. Bottom weighing device: designed with a bottom weighing device to facilitate stable weighing of larger objects and adapt to the weighing needs of various items.
3. Gold-plated ceramic load cell: Equipped with gold-plated ceramic variable capacitance load cell to ensure high accuracy and stability on the basis of fast response, adapting to different operating environments.
4. Humidity Sensor: Built-in high-precision humidity sensor, which can effectively reduce the impact of environmental humidity changes on the weighing results, ensuring that the balance always maintains high stability.



5. temperature sensor: equipped with a high sensitivity temperature sensor, can effectively reduce the temperature fluctuations brought about by the error, and further improve the accuracy of measurement.
6. cost-effective design: under the premise of ensuring accuracy and stability, it has a high cost-effective, suitable for a variety of weighing tasks to meet the needs of a wide range of users.
7. LCD liquid crystal display: equipped with high brightness LCD display, clear screen, reasonable layout, convenient for users to view the weighing results in real time. With clear digital display to avoid reading errors.
8. stainless steel weighing pan: the weighing pan is made of stainless steel, which is corrosion and abrasion resistant, ensuring that the pan remains stable and beautiful during long time use.
9. a variety of weighing unit conversion function: provide grams (g), carat (Ct), ounces (oz) and other units to switch freely, suitable for different areas of weighing needs.
10. a variety of weighing modes: basic weighing, counting, percentage weighing, check weighing mode and other multi-functional, to meet the needs of different working environments.
11. Optimized structural design: Streamlined design not only has a delicate appearance, but also enhances the structural strength of the equipment, with anti-static, anti-corrosion, anti-leakage characteristics, suitable for laboratory and industrial environments.
12. Built-in RS232 bidirectional communication interface: Equipped with RS232 interface, it can be conveniently connected with computer, printer and other devices to realize data transmission and recording, suitable for automated data processing.

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Model	BE1200	BE2200	BE3200	BE4200	BE5200	BE6200
Capacity	1200g	2200g	3200g	4200g	5200g	6200g
Readability	10mg					
Repeatability	±10mg					
Linearity	±10mg					
Calibration Method	External					
Typical Stabilization Time	≤2.5 seconds					
Weighing Pan Size	diameter 160mm					
Baud Rate	300, 600, 1200, 2400, 4800, 9600					
External Dimensions	210mmx310mmx90mm					
Power Supply	input: 220Vac, 50Hz, output: 7.5Vdc, 600mA					
Note	External means External Weight Calibration					