

precision balance with the electromagnetic force sensor

The core advantage of the precision balance is the use of a single electromagnetic force sensor, which can realize fast and accurate weighing, easy operation and exquisite appearance.

Main Features of the Precision Balance

1. indexing value: with 10mg indexing value, it is capable of higher precision weighing, suitable for tasks that require high accuracy but do not involve microgram level.
2. monoblock electromagnetic force sensor: the use of monoblock electromagnetic force sensor, the use of the whole piece of high-purity aluminum alloy integrated cutting, reducing 70% of the parts, significantly improving the weighing response speed (up 30%) and the stability of the device, thus ensuring higher weighing accuracy.
3. Large Volume Operating Space: Provide larger operating space, suitable for weighing larger objects, to meet the needs of different fields.
4. Cost-effective design: Precision design allows the balance to provide high accuracy while maintaining a high cost-effective, suitable for a variety of weighing tasks, small and medium-sized laboratory and industrial use.



5. Optimized Functional Design: Overall streamlined appearance design, with beautiful appearance and high strength structure, with anti-leakage, anti-static and anti-corrosion characteristics, adapt to a variety of harsh working environments.
6. Quick icon button navigation: equipped with convenient icon button navigation, making the operation more concise and intuitive, the user can complete the weighing task without complicated operation process.
7. stainless steel pan: the use of stainless steel pan not only improves the stability of the items to ensure the accuracy of weighing, but also has good corrosion resistance.
8. LCD display: equipped with high brightness LCD display, clear screen, reasonable layout, users can quickly and accurately read the weighing data.
9. a variety of weighing modes: provide basic weighing, percentage weighing and counting weighing modes, adapt to different types of weighing needs.
10. Multiple weighing unit conversion function: support grams (g), carats (Ct), ounces (oz), pounds (lb) and other units to switch freely, which is convenient for users to use in different fields.
11. Built-in RS232 bidirectional communication interface: equipped with RS232 interface, convenient to connect with computer, printer and other devices to realize automatic data transmission and recording, suitable for a variety of data management and automation needs.

Model	BM1200	BM2200	BM3200	BM4200	BM5200	BM6200	BM8200	BM10000
Capacity	1.2kg	2.2kg	3.2kg	4.2kg	5.2kg	6.2kg	8.2kg	10kg
Readability	10mg							
Repeatability	±10mg							
Linearity	±20mg							
Calibration Method	External							
Typical Stabilization Time	≤2.5 seconds							
Weighing Pan Size	165x170mm							
Baud Rate	300, 600, 1200, 2400, 4800, 9600							
External Dimensions	210mmx310mmx110mm							
Power Supply	input: 220Vac, 50Hz, output: 12Vdc, 2A							
Note	External means External Weight Calibration							