

Automatic Electronic Analytical Balance BG-B & BG-C



Features:

- \* The classic electromagnetic force balance sensor ensures high weighing accuracy, excellent stability, and fast response speed.
- \* High-precision and high-resolution electromagnetic force balance sensors are adopted.
- \* A high-precision humidity sensor is used to effectively reduce the impact of environmental humidity on weighing.
- \* A highly sensitive temperature sensor is used to effectively reduce the sensitivity to temperature changes.
- \* With an outstanding design offering high cost - effectiveness, it can excellently complete various weighing/measurement tasks.
- \* LCD liquid crystal display: An LCD liquid crystal display is adopted, with a clear and bright screen and a reasonable layout, making it convenient for users to read the weighing results.
- \* Transparent glass windbreak: It makes the sample visible from multiple directions during the weighing process. It can also be disassembled and cleaned for quick cleaning.
- \* Multiple weighing modes: basic weighing, percentage weighing, and counting weighing.
- \* Sensor protection device: It ensures that the sensor will not be damaged during the transportation of the balance.
- \* Optimized product structure design: The design strength is improved, and it has the characteristics of anti - leakage, anti - static, and anti - corrosion.
- \* Built - in RS232 two - way communication interface: It can realize the connection between the balance and a computer or a micro - printer. Weighing results can also be transmitted to other open applications such as a PC.
- \* Fully automatic calibration system: When the temperature changes by 1.5℃ or the time since the last calibration exceeds 2 hours, the balance will automatically start the calibration function. This avoids potential factors such as failure to perform regular calibration or inaccurate external weights, making the weighing results of users more accurate and reliable, and reducing unnecessary operations (promoting internal calibration).

Technical Parameters:

| Model                          | BG1204B                                                                                    | BG1204C  | BG2204B  | BG2204C  |
|--------------------------------|--------------------------------------------------------------------------------------------|----------|----------|----------|
| Readability                    | 0.1mg                                                                                      |          |          |          |
| Maximum Range (max)            | 120g                                                                                       |          | 220g     |          |
| Repeat Ability                 | ±0.2mg                                                                                     |          |          |          |
| Liner                          | ±0.2mg                                                                                     |          |          |          |
| Stable Time                    | ≤2.5s                                                                                      |          |          |          |
| Pre-heating Time After Startup | 30~60min                                                                                   |          |          |          |
| Precision Grade                | I                                                                                          |          |          |          |
| Pan Diameter                   | φ90mm                                                                                      |          |          |          |
| Height of Weighing Chamber     | 210mm                                                                                      |          |          |          |
| Operational Temperature Range  | 10~30℃                                                                                     |          |          |          |
| Relative Humidity              | 20%~80%                                                                                    |          |          |          |
| Calibration Mode               | External                                                                                   | Internal | External | Internal |
| Optional Accessories           | USB port, printer, under-hanging weighing device, density module for both solid and liquid |          |          |          |
| Power Supply                   | AC100~240v, 50/60Hz                                                                        |          |          |          |
| External Size (W*D*H)          | 210*310*315mm                                                                              |          |          |          |
| Baud Rate Options              | 300, 600, 1200, 2400, 4800, 9600                                                           |          |          |          |
| Package Size (W*D*H)           | 400*500*470mm                                                                              |          |          |          |
| Gross Weight                   | 7kg                                                                                        |          |          |          |

Automatic Electronic Analytical Balance BA-E (External Calibration) & BA-EN (Internal Calibration)



Functions:

- \* External calibration (BA1004E&BA2204E)
- \* Internal auto calibration (BA1204EN&BA2204EN)
- \* Electromagnetic force sensor
- \* LCD (White back light with black font)
- \* Tare function/Counting/Unit conversion
- \* Sensitivity/Speed set/Percentage
- \* Accumulation function/peak hold
- \* Dynamic weighing /Net and Gross/Clock function(optional)
- \* Print function (baud rate setting, Continuous communication or press communication)
- \* Overload alarm/Fault alarm/Level indicator
- \* Optional: printer

Technical Parameter:

| Model                   | BA1004E                                        | BA2204E | BA1204EN             | BA2204EN |
|-------------------------|------------------------------------------------|---------|----------------------|----------|
| Capacity                | 100g                                           | 220g    | 120g                 | 220g     |
| Resolution              | 0.1mg                                          |         |                      |          |
| Min weighing            | 10mg                                           |         |                      |          |
| Stable Time             | ≤3s                                            |         |                      |          |
| Display                 | LCD(white back light with black font), 96*24mm |         |                      |          |
| Scale Size              | Φ80mm(Standard), Φ90mm(Optional)               |         |                      |          |
| Operation temp          | 18~23℃                                         |         |                      |          |
| Repeat ability          | ±0.2mg                                         |         |                      |          |
| Liner                   | ±0.3mg                                         |         |                      |          |
| Draft Shield Inner Size | 175*165*200mm                                  |         |                      |          |
| Cal. weight             | External Calibration                           |         | Internal Calibration |          |
| Interface               | RS232C                                         |         |                      |          |
| Optional                | Printer                                        |         |                      |          |
| Power Supply            | 110~240V 50/60Hz                               |         |                      |          |
| External Size           | 305*210*305mm                                  |         |                      |          |
| Net Weight              | 5kg                                            |         |                      |          |
| Package Size            | 430*320*420mm                                  |         |                      |          |
| Gross Weight            | 6.5kg                                          |         |                      |          |