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°C 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	ф90mm			
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			