

GBA-Series

Advanced Series Analytical and Precision Balances



The GBA-Series of Analytical and Precision Balances offer a wide range of options, making them an essential piece of equipment in any laboratory.

These internally calibrated balances have a digital LCD screen, onboard processing, and databases capable of storing up to 100,000 weighings, ensuring unparalleled traceability.

With RS232, USB-A, USB-B, and Wi-Fi connectivity, GBA-Series balances are well suited to data export, and process integration.

The GBA-series combines state of the art features with premium build quality and reliability, all backed by The Globe Scientific 5-year guarantee.

***Visit www.globescientific.com for full details.*



Advanced Series Analytical and Precision Balances

Features:

- **Internal Calibration:** With temperature activated, time-activated, or manually activated calibration options, the internal automatic calibration and adjustment feature allows for worry-free operation.
- **Application Modes:** Optimize the performance of your balance with one of 11 application modes: Basic Weighing, Piece Counting, Check Weighing, Dosing, Deviations, Density Determination (Solids & Liquids), Animal Weigh, Statistics, Totalizing (Formulation), and Peak Hold.
- **Premium Build Quality:** The housing is designed to endure the most challenging environments from teaching labs to industrial use.
- **Database Storage and Onboard Processing:** Standard on the GBA-Series balances. Store up to 10 Users, 1000 Products, and 100 Tare Weight Values in memory (alphanumeric). Detailed reporting includes Balance ID, User, Date, Time, Software Version, Measurement Mode, Results, and Signature Line, allowing for data stewardship and complete GLP documentation.
- **Menu-Driven Operation:** An intuitive interface navigation with dedicated setup, mode, function, database keys and navigational arrows for easy access to weighing features, applications, and stored data.
- **User-Friendly Draft Shield:** Standard on semi-micro and analytical models. The internal dimensions (16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")), and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning. A short, removable draft shield comes standard on the 0.001g readability GBA-Series precision balances.
- **5-Year Replacement Guarantee:** Long term support enables you to purchase with confidence.

**Visit www.globescientific.com for full details.



Analytical Balances



Visit www.globescientific.com to see our full selection of balances and use the handy selection guide to help you find the best balance for your particular application.

SPECIFICATIONS & ORDERING INFORMATION

| Item # | GBA-225C | GBA-164C | GBA-224C | GBA-314C |
|---------------------------|--|-------------|-------------|-------------|
| Item # (with Cal. Cert.)* | GBA-225C-CT | GBA-164C-CT | GBA-224C-CT | GBA-314C-CT |
| Maximum Capacity | 82 / 220 g | 160 g | 220 g | 310 g |
| Readability | 0.01 / 0.1 mg | 0.1 mg | 0.1 mg | 0.1 mg |
| Linearity | ±0.05/0.2 mg | ±0.2 mg | ±0.2 mg | ±0.2 mg |
| Repeatability | 0.08 mg | 0.08 mg | 0.08 mg | 0.12 mg |
| Calibration Type | Internal | Internal | Internal | Internal |
| Stabilization Time | 3 s | 2 s | 2 s | 2.5 s |
| Pan Size | ø90 mm | ø100 mm | ø100 mm | ø100 mm |
| Device Dimensions | 351 x 205.5 x 338 mm | | | |
| Ports | 2×RS232, 2×USB-A (Interchangeable), USB-B, Wi-Fi | | | |

*ISO 17025:2017 Accredited Calibration Certificates are available upon request.

Precision Balances



SPECIFICATIONS & ORDERING INFORMATION

| Item # | GBA-603C | GBA-1003C | GBA-6002C |
|---------------------------|------------------------------|--------------------|--------------------|
| Item # (with Cal. Cert.)* | GBA-603C-CT | GBA-1003C-CT | GBA-6002C-CT |
| Maximum Capacity | 600 g | 1000 g | 6100 g |
| Readability | 0.001 g | 0.001 g | 0.01 g |
| Linearity | ±0.003 g | ±0.003 g | ±0.03 g |
| Repeatability | 0.0015 g | 0.0015 g | 0.008 g |
| Calibration Type | Internal | Internal | Internal |
| Stabilization Time | 3 s | 4 s | 1.5 s |
| Pan Size | 128 x 128 mm | 128 x 128 mm | 195 x 195 mm |
| Device Dimensions | 333 x 206 x 100 mm | 333 x 206 x 100 mm | 333 x 206 x 107 mm |
| Ports | 2×RS232, USB-A, USB-B, Wi-Fi | | |

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