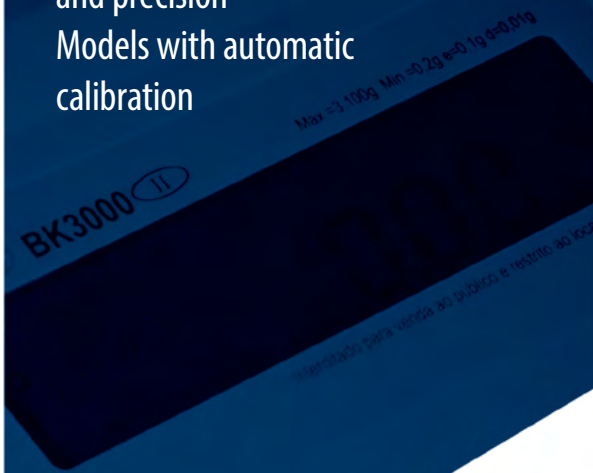




Precision Balances BK line

High technology for quality
and precision

Models with automatic
calibration



Precision Balances BK line

High technology for quality and precision

Models with automatic calibration

GEHAKA offers several models of the precision balances with different capacities and guarantee accurate results. A line equipment with modern design, operation system high intuitive and easy to do.

Quality, technology and tradition in one reliable product.

Equipment approved by INMETRO/Dimel n.º188/2003.

- Function automatic calibration with weight internal (ic), it guarantee accurate weighing and ease operation, allowing the user to adjust the balance by himself when necessary;
- Meets the Quality Standard ISO, GLP and GMP;
- Weighing in gram (g) and more five functions:
 - Counting – it indicates the number of pieces placed on the plate from a reference sample;
 - Percentage – it calculates percentage weighing directly;
 - Formulation – it weighing partial and totals from a formula;
 - Stability – it allows the user to select one of three balance usage conditions, ensuring the best performance in adverse environmental conditions.
 - Zero Track- it guarantee the return to the zero balance, eliminating the repetition of Tara operation.
- Interactive system with special characters: measurement units, symbol and functions in accordance with the INMETRO Standard;
- Hard Aluminum casing with high level of immunity to electromagnetic emission and high resistant touch-pad for intense work environmental conditions;
- Anti-theft device allows to fasten the balance on the bench, without affect its work;
- Real Time Clock (RTC) to record date and time in the generated reports;
- Protection device against weight overload;
- Compact printer (optional) to emission of the weighing and calibration report;
- Data interface by Serial RS232C – all models;
- Adapter to interface by USB (optional).

Specifications

	BK300	BK400 ^(CI)	BK500	BK600
Maximum capacity	310 g	410 g	510 g	610 g
Readability	0,001 g	0,001 g	0,001 g	0,001 g
Repeatability	± 0,002 g	± 0,002 g	± 0,002 g	± 0,002 g
Linearity	± 0,002 g	± 0,002 g	± 0,002 g	± 0,002 g
Drift	3 ppm/ °C	2 ppm/ °C	2 ppm/ °C	2 ppm/ °C
Weighing platform dimensions	Ø 100 mm			

^(CI) indicate automatic calibration with internal weight is available too

GEHAKA has INMETRO accreditation, by General Coordination of Accreditation (Cgcre), according to Standard ABNT NBR ISO/IEC 17025:2005, and Certification ABNT NBR ISO 9001:2008, applied to our service calibration laboratory for balance up 500 kg.



Calibração de Balanças

Specifications

	BK2000	BK3000 ^(CI)	BK4000	BK5000	BK5002	BK6000	BK8000
Maximum capacity	2,100g	3,100g	4,100g	5,100g	5,100g	6,100g	8,100g
Readability	0.01g	0.01g	0.01g	0.01g	0.1g	0.01g	0.1g
Repeatability	±0.02g	±0.02g	±0.02g	±0.02g	±0.2g	±0.02g	±0.2g
Linearity	±0.02g	±0.02g	±0.02g	±0.02g	±0.2g	±0.02g	±0.2g
Drift	5 ppm/°C	3 ppm/°C	2 ppm/°C	2 ppm/°C	2 ppm/°C	2 ppm/°C	12 ppm/°C
Weighing platform dimensions	Ø 135 mm						180 x 220 mm
Tare range	Up to maximum capacity						
Temp. Operation	From 15 to 35°C operating						
Settling time	From 0.5 to 4 seconds						
Power supply	Automatic from 90 to 240V – 50/60Hz						
Consumption	5 Watts						
Dimension (W x D x H)	190x80x300 mm						
Weight	4,6 kg						

^(CI) indicate automatic calibration with internal weight is available too

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