

PGW Precision Balances



Speed, Performance, Value - Perfect Balance

- A superior selection of weighing capabilities without the superior price** No other precision balance in this range can match the PGW's versatility with 17 weighing units (including a custom unit) and 7 weighing modes including percentage weighing, density, check weighing, net/total formulation and parts counting.
- Essential data at a glance** Oversized backlit LCD dual display allows simultaneous viewing of weighing data alongside reference data. Customize the secondary data line with the user-friendly keypad to show supporting information such as functions, menu prompts, piece weights, time, or date. Capacity tracker efficiently notifies the user of any approaching overloads.
- Calibration options** Choose a model with internal or external calibration, depending on your needs. Note that with internal calibration models you can still perform external calibrations for your verification needs. All models can be configured to print GLP-compliant reports after each calibration.
- Improved readings simplified** The PGW's new shape provides improved chamber access even in a crowded equipment set-up. User-selectable digital filters automatically compensate for drafts and temperature changes while color-coded dual-tare keys simplify full-range taring.
- Durable inside and out** Overload protection safeguards the load cell. Unmatched spill protection with sturdy solid aluminum construction throughout and smooth contours that divert overflows and drips. Sealed keypad, splash-proof design, and removable stainless steel pan all provide added defense.
- A complete security system for peace of mind** Password protection software prevents unauthorized usage and access. Integral mounting point is compatible with the optional Kensington™ type lock/cable device, the best anti-theft device available today.
- Adapts to user's changing communication needs** Designed to accommodate lab's varied communication demands with two ports supplied as standard. Bi-directional RS232 interface quickly transmits data from the first port to printers, computers, and other communication devices. Second port for future expansion.



Adam's new PGW line of precision balances is built with the very latest weighing technology for unmatched performance and remarkably intuitive operation. Delivering the ultimate in speed and accuracy, the PGW sets a new industry benchmark for reliability, durability and ease-of-use.



PGW balances offer improved response time and enhanced stability, with an array of innovative new features added with one goal in mind – to simplify even the most complex lab applications.

Technical Specifications

Model	PGW 153e	PGW 253e	PGW 453e	PGW 753e	PGW 1502e	PGW 2502e	PGW 3502e	PGW 4502e
Maximum capacity	150g	250g	450g	750g	1500g	2500g	3500g	4500g
Readability	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g
Tare range	Full	Full	Full	Full	Full	Full	Full	Full
Repeatability (S.D.)	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g
Linearity (±)	0.002g	0.002g	0.002g	0.002g	0.02g	0.02g	0.02g	0.02g
Pan size	5.5×5.5" / 140×140mm				7.6×7.6" / 192×192mm			
Draft shield	Supplied as standard on models with 1mg readability				-			
Draft shield dimensions	162×162×52mm				-			

The same models are available with motorised Internal Calibration as series denoted with 'i'.

General Specifications

Units of measurement	Gram (g), Kilogram (kg), Milligram (mg), Carat (ct), Pound (lb), Ounce (Oz), Dram (d), Grain (GN), Troy Ounce (Ozt), Pennyweight (dWt), Momme (MM), Taels Hk. (TL.H), Taels S. (TL.S), Taels T. (TL.T), Tical (ti), Newton (N), Custom unit
Applications	Weighing, Net / total, Check weighing, Percentage weighing, Weight accumulation, Averaging, Parts counting, Animal / dynamic weighing, Density determination, Below balance weighing
Interface	Bi-directional RS-232 (Standard)
Calibration	Internal or External, Selectable automatic calibration due to change in time or temperature
Display	Backlit LCD with dual digits (24 mm high) and capacity tracker
Power supply	15 VDC, 50/60 Hz, 800 mA (Input Voltage 100-240 V, 50/60 Hz)
Housing	Die cast aluminium housing (glass weighing chamber for models with 1mg readability)
Overall dimensions	9.9×14.1×4.1" / 251×358×104mm

Key Accessories

- Below Balance Hanger
- Adam Printer
- Density Kit (0.001g models only)
- Adam Statistics Printer
- Anti-Vibration Table
- Security Lock and Cable
- Dust Cover
- In-use Cover
- Thermal Paper for Adam Printer (5 Pack)
- AdamDU - Data Collection Program
- USB to RS-232 Interface Cable
- RS-232 Cable



Adam Equipment - offices worldwide

www.adamequipment.com