

PGW Precision Balances

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			
Draught shield	Supplied as standard on models with 1mg readability				-			
Draught shield dimensions	158x158x80mm				-			

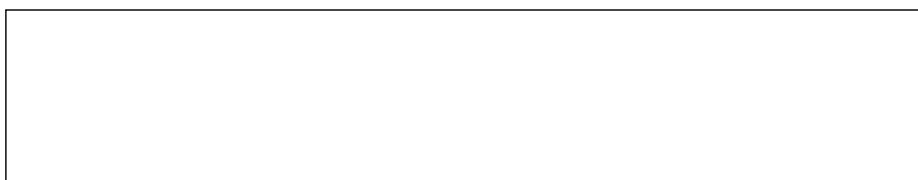
The same models are available with motorised Internal Calibration as series denoted with 'i'.

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 (wxdxh)	9.9×14.1×4.1" / 251×358×104mm

Key Accessories

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



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