

# PW Analytical Balances



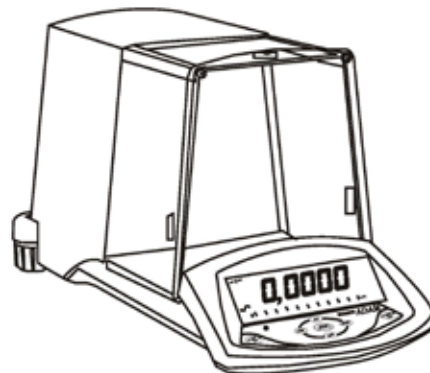
Speed, Performance, Value - Perfect Balance

- **Critical data always in view** 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. The capacity tracker efficiently notifies the user of any approaching overloads.
- **A premium selection of weighing capabilities without the premium price** No other analytical balance in this range can match the PW's versatility with up to 16 weighing units (including a custom unit) and 7 weighing modes including percentage weighing, check weighing, net/total formulation, density, parts counting, and animal / dynamic weighing.
- **Durable inside and out** The PW provides unmatched spill protection with sturdy solid aluminum construction throughout and smooth contours that divert overflows and drips. The sealed keypad, splash-proof design, and removable stainless steel pan all provide added defense against messy lab conditions. Overload protection safeguards the load cell.
- **Better readings simplified** The PW's new shape provides improved chamber access even when the balance is located 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.
- **Designed to adapt to user's changing communication needs** The PW is designed to accommodate lab's varied communication demands with two ports supplied as standard. The bi-directional RS232 interface quickly transmits data from the first port to printers, computers, and other communication devices. Plus a second port for future expansion.
- **Peace of mind with a complete security system** Password protection software prevents unauthorized usage and access. An integral mounting point is compatible with the optional Kensington™ type lock/cable device, the best anti-theft device available today. Calibrations can be certified at any time by deactivating the internal calibration masses so that traceable external calibrations can be performed. And all models can be configured to print GLP-compliant reports after each calibration.



The new PW line delivers the ultimate in speed and accuracy in an analytical balance. Built with the most advanced weighing technology available today, the PW sets a new industry benchmark for reliability, durability and ease-of-use.

PW 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	PW 124	PW 184	PW 254
Capacity	120g	180g	250g
Readability	0.0001g	0.0001g	0.0001g
Repeatability (S.D)	0.0001g	0.0001g	0.0001g
Linearity (+/-)	0.0002g	0.0002g	0.0002g
Pan Size	90 mm $\varnothing$ / 3.5" $\varnothing$		

### General Specifications:

<b>Weighing units</b>	16 weighing units including 1 custom unit
<b>Application</b>	Weighing, parts counting, percentage weighing, density of solids and liquids, check weighing, animal / dynamic weighing, net / totalization
<b>Features</b>	Internal calibration with programmable automatic calibration for time and temperature Lock down Kensington™ type mounting point GLP-compliant print outs via RS232 connection Date and time stored in memory Below balance weighing with optional hanger Digital filters compensate for vibration, drafts or temperature changes Upgrade / update software through our online service facility
<b>Tare range</b>	Full capacity by subtraction
<b>Stabilization time</b>	Typically 2-4 seconds
<b>Interfaces</b>	Bi-directional RS232, with a second communications port
<b>Operating temperature</b>	32°F to 104°F / 0°C to 40°C
<b>Power supply</b>	12VAC 500mA 50/60 Hz from external adapter
<b>Calibration</b>	Automatic internal with external calibration correction
<b>Display</b>	Backlit LCD display with dual digits and capacity tracker, 24mm / 1" high digits
<b>Housing</b>	Die cast aluminum
<b>Gross weight</b>	Approx. 18 kg/40 lb
<b>Draft shield dimensions (w x d x h)</b>	202 x 158 x 215mm / 7.9" x 6.2" x 8.5"

### Key Accessories:

- Density kit
- Weigh below hanger
- Printer
- Replacement printer paper
- RS232 cable (balance to PC)
- Anti-vibration table

Adam Equipment has been providing professionals with quality balances and scales for over 30 years. The company is certified to ISO 9001:2000.

Adam Equipment manufactures and distributes a complete selection of mass measurement products for the laboratory, medical, educational, industrial and retail markets. All Adam balances and scales are backed by Adam Assurance Warranties with responsive and reliable service before, during and after the sale.

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