



Speed, Performance, Value - The Right Balance



PW Analytical Balances

Technical Specifications

Model	PW 124	PW 184	PW 214	PW 254
Maximum capacity	120g	180g	210g	250g
Readability	0.0001g	0.0001g	0.0001g	0.0001g
Tare range	Full	Full	Full	Full
Repeatability (S.D.)	0.00015g	0.0002g	0.0002g	0.0002g
Linearity (±)	0.0002g	0.0002g	0.0002g	0.0002g
Pan size	90mm Ø			

General Specifications

Units of measurement	Gram (g), Milligram (mg), Carat (ct), Ounce (Oz), Dram (d), Grain (GN), Troy Ounce (Ozt), Pennyweight (dWt), Momme (MM), Tels Hk. (TL.H), Tels S. (TL.S), Tels T. (TL.T), Tical (ti), Newton (N), Tola (T), 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	Calibration with internal mass. Alternatively the user can chose to calibrate using an external mass
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)
Operating temperature	10°C - 40°C
Housing	Die cast aluminium housing with glass weighing chamber
Draught shield	Supplied as standard (factory fitted)
Draught shield dimensions	202x158x215mm
Overall dimensions (wxdxh)	256x524x275mm
Net weight	12kg



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PGW Precision Balances

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 (in mm)	145x125mm			140x140	192x192mm			

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), Tels Hk. (TL.H), Tels S. (TL.S), Tels 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
Typical stabilisation time	2 Sec
Interface	Bi-directional RS-232 (Standard)
Calibration	Internal or External, Selectable automatic calibration due to change in time or temperature. "I" models denote internal calibration models.
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)
Operating temperature	10°C - 40°C
Housing	Die cast aluminium housing (glass weighing chamber for models with 1mg readability)
Draught shield	Supplied as standard on models with 1mg readability
Draught shield dimensions	158x158x80mm
Overall dimensions (wxdxh)	251x358x104mm
Net weight	4kg



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PMB Moisture Analyser

Technical Specifications

Model	PMB 53
Maximum capacity	50g
Readability	0.001g /0.01%
Pan size	



General Specifications

Typical stabilisation time	3 Sec
Units of measurement	Gram (g), % Moisture / % Solid
Interface	USB host for memory card and USB I/O interface and RS-232
Calibration	Automatic External
Display	Backlit LCD display 24mm with dual digits and capacity tracker
Housing	Aluminium
Overall dimensions (wxdxh)	250×360×185mm
Height above pan	30mm
Net weight	6kg
Drying temperature range	50-160°C increments of 1°C
Time setting	1 min - 99 mins
Moisture range	0-100%
Heater type	Single 400W halogen heater
Sampling interval time	1 - 59 seconds
Typical time of measurement	2 - 20 minutes
Power of heaters	400w

PGL Precision Balances

General Specifications

Typical stabilisation time	2-3 Sec
Operating temperature	10°C 40°C
Power supply	AC adaptor and rechargeable battery pack
Calibration	External
Display	Backlit LCD display with dual digits and capacity tracker
Overall dimensions (wxdxh)	358×251×104mm



Technical Specifications

Model	PGL 203	PGL 303	PGL 2002	PGL 3002	PGL 4001	PGL 6001	PGL 8001	PGL 10001	PGL 20001
Maximum capacity	200g	300g	2000g	3000g	4000g	6000g	8000g	10kg	20kg
Readability	0.001g	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.002g	0.002g	0.02g	0.02g	0.2g	0.2g	0.2g	0.2g	0.2g
Linearity (±)	0.004g	0.004g	0.04g	0.04g	0.4g	0.4g	0.4g	0.4g	0.4g
Units of measurement	Gram (g), Milligram (mg), Carat (ct), Grain (GN), Newton (N), Troy Ounce (Ozt), Pennyweight (dWt), Ounce (Oz), Custom unit		Gram (g), Kilogram (kg), Carat (ct), Grain (GN), Newton (N), Troy Ounce (Ozt), Pennyweight (dWt), Ounce (Oz), Custom unit		Gram (g), Kilogram (kg), Carat (ct), Grain (GN), Newton (N), Pound (lb), Ounce (Oz), Pound-Ounce (lb-oz), Custom unit				
Pan size	145×125mm		192×192mm					400×300mm	
Net weight			4kg					6kg	



Core Compact Portable Balances

Technical Specifications

Model	CQT 202	CQT 251	CQT 601	CQT 1501	CQT 2601	CQT 2000	CQT 5000
Maximum capacity	200g	250g	600g	1500g	2600g	2000g	5000g
Readability	0.01g	0.1g	0.1g	0.1g	0.1g	1g	1g
Repeatability (S.D.)	0.02g	0.1g	0.1g	0.1g	0.1g	1g	1g
Linearity (±)	0.02g	0.1g	0.1g	0.2g	0.2g	1g	1g
Typical stabilisation time	3 Sec	2 Sec		3 Sec			2 Sec
Pan size	120mm Ø				145mm Ø		

General Specifications

Units of measurement	Kilogram (kg), Gram (g), Pound (lb), Ounce (Oz), Carat (ct), Dram (d), Grain (GN), Newton (N), Tals T. (TL.T)
Operating temperature	0°C 40°C
Power supply	12VAC 15mA
Overall dimensions (wxdxh)	173×255×86mm
Net weight	0.9kg



Highland Compact Portable Balance

Technical Specifications

Model	HCB 123	HCB 153	HCB 302	HCB 602H	HCB 602	HCB 1002	HCB 1502	HCB 3001
Maximum capacity	120g	150g	300g	600g	600g	1000g	1500g	3000g
Readability	0.001g	0.005g	0.01g	0.01g	0.02g	0.01g	0.05g	0.1g
Repeatability (S.D.)	0.003g	0.005g	0.01g	0.1g	0.02g	0.02g	0.05g	0.1g
Linearity (±)	0.003g	0.01g	0.02g	0.02g	0.02g	0.02g	0.1g	0.2g
Pan size	120mm Ø							
Net weight	2kg						1.5kg	2kg

General Specifications

Typical stabilisation time	2 Sec
Units of measurement	Gram (g), Carat (ct), Pound (lb), Dram (d), Grain (GN), Troy Ounce (Ozt), Pennyweight (dWt), Momme (MM), Tals T. (TL.T), Tals S. (TL.S), Tals T. (TL.T), Newton (N), Gram (g2)
Operating temperature	0°C 40°C
Power supply	12VDC 800mA
Draught shield	Removable draft shield standard on all models
Draught shield dimensions	132mm
Overall dimensions (wxdxh)	172×251×75mm