ADAM®

2013

THE RIGHT BALANCE
Speed, Performance, Value

About *Adam*

Adam Equipment is a manufacturer of balances and scales serving laboratory, industrial, medical, retail, and education customers worldwide. Founded in the United Kingdom more than four decades ago, Adam has strategically established a network of offices throughout the world to ensure that a high level of service is provided to its customers, wherever they are located. With facilities in the United Kingdom, United States, South Africa, Australia and China, Adam maintains a strong global presence.

Adam began with a pledge to always deliver products with the right balance of speed, performance and value to its customers. The company takes great pride in meeting this goal each day, with every customer. Adam is committed to manufacturing reliable products with proven technology and user-friendly features. In addition, Adam provides comprehensive responsive customer support and assistance. Adam Equipment UK is ISO 9001-2008 and NMO accredited to certify scales and balances for trade use.

Adam's commitment to ongoing, customer-driven product development ensures that the company will continue to move forward, providing customers with the weighing solutions they need now and in the future.

Key Features:

🔆	Backlight	🖨	GLP / ISO Printouts
Ⓔ	External Calibration	USB	USB
	Internal Calibration		Internal Battery
📅	Date	🕐	Time
🔒	Security Lock	RS-232	RS-232 Cable
IP 65	IP65 Washdown	🪝	Weigh-Below Hook

To place an order

Adam balances are available from a number of distributors and catalogue companies. Contact us with product questions or for help locating a distributor.

Australia:
T: +61 (0)8 6461 6236
F: +61 (0)8 9456 4462
E: Sales@adamequipment.com.au

United Kingdom:
T: +44 (0)1908 274545
F: +44 (0)1908 641339
E: sales@adamequipment.co.uk
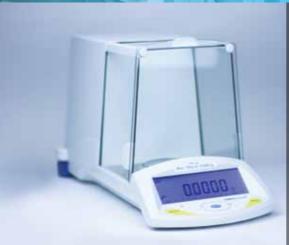
South Africa:
T: +27 (0)11 974 9745
F: +27 (0)11 392 2587
E: Sales@adamequipment.co.za

PW *Analytical Balances*

Loaded with intuitive features for fast, precise results

PW analytical balances deliver the ultimate in speed and accuracy, with 0.1mg precision. Outstanding response time, reliability and stability are hallmarks of the PW family. Its smart design and many features make the PW the right balance for laboratory applications.

Features

- Programmable backlight can be set to "always on", "always off" or "light only when weighing"
- Capacity tracker built into display for easily monitoring pending overloads
- Internal calibration eliminates need for external weight set
- RS-232 interface for connection to computers and printers
- Robust metal housing protects internal components in harsh environments
- Selectable digital filtering for controlling effects of vibration and disturbances

Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Dynamic / animal weighing
- Density determination

Model	PW 124	PW 184	PW 214	PW 254
Capacity	120g	180g	210g	250g
Readability	0.0001g	0.0001g	0.0001g	0.0001g
Tare Range	Full range			
Pan Size	90mm ø			
Weighing Units	mg, g, oz, N, GN, ct, dwt, mm, ozt, T, ti, tl.H, tl.S, tl.T, custom unit			
Calibration	Internal automatic calibration			
Display	Backlit LCD with 24mm-high digits			
Power Supply	15VDC 800mA adapter			
Operating Temperature	10° to 40°C			
Draught Shield	Chamber 8"x6.2"x8.5" / 202x158x215mm			
Overall Dim.	256x524x275mm			

PGW *Precision Balances*

Outstanding precision for advanced applications at affordable prices

Adam Equipment's PGW precision balances are designed to deliver the ultimate in speed and accuracy in easy-to-use and reliable models. The PGW balance incorporates the very latest generation of software, providing a simple user interface for easy set-up and operation.

Features

- Programmable backlight can be set to "always on", "always off" or "light only when weighing"
- Capacity tracker built into display for easily monitoring pending overloads
- Large, grade 304 stainless steel pan allows easy cleaning
- Removable draught shield supplied on models with 0.001g readability to reduce errors caused by air currents
- Robust metal housing protects internal components in harsh environments
- Selectable digital filtering for controlling effects of vibration and disturbances
- RS-232 interface for connection to computers and printers

PGW 453e
Max 450g d= 0.001g

www.adamequipment.com

Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Dynamic / animal weighing
- Density determination

Model w/ext cal	PGW 153e	PGW 253e	PGW 453e	PGW 603e	PGW 753e
Model w/int cal	PGW 153i	PGW 253i	PGW 453i	PGW 603i	PGW 753i
Capacity	150g	250g	450g	600g	750g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g
Pan Size	145x125mm				140x140mm
Weighing Units	mg, g, kg, lb, oz, N, GN, ct, dr, dwt, mm, ozt, T, ti, tl.H, tl.S, tl.T, custom unit				
Calibration	External calibration / Internal automatic calibration				
Display	Backlit LCD with 24mm-high digits				
Power Supply	12VDC 800mA adapter				
Operating Temperature	10° to 40℃				
Draught Shield	Square 6.2"x6.2"x3.1" / 158x158x80mm				
Overall Dim.	251x358x104mm				

Model w/ext cal	PGW 1502e	PGW 2502e	PGW 3502e	PGW 4502e	PGW 6002e
Model w/int cal	PGW 1502i	PGW 2502i	PGW 3502i	PGW 4502i	PGW 6002i
Capacity	1500g	2500g	3500g	4500g	6000g
Readability	0.01g	0.01g	0.01g	0.01g	0.01g
Pan Size	192x192mm				
Weighing Units	mg, g, kg, lb, oz, N, GN, ct, dr, dwt, mm, ozt, T, ti, tl.H, tl.S, tl.T, custom unit				
Calibration	External calibration / Internal automatic calibration				
Display	Backlit LCD with 24mm-high digits				
Power Supply	12VDC 800mA adapter				
Operating Temperature	10° to 40℃				

Model*	PGW 153M	PGW 253M	PGW 453M	PGW 753M	PGW 1502M	PGW 2502M	PGW 3502M	PGW 4502M
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
Pan Size	140x140mm				192x192mm			
Weighing Units	g, kg, ct							
Calibration	External calibration							
Display	Backlit LCD with 24mm-high digits							
Power Supply	15VDC 800mA adapter							
Operating Temperature	10° to 40℃							
Draught Shield	Square 6.2"x6.2"x3.1" / 158x158x80mm				N/A			
Approvals	EC type approval							

*Not available in all regions. Call your local office for more information.

PGL *Precision Balances*

Durability meets precision in a brand-new class of balances

PGL balances deliver the fundamental features of a high-precision top-loader and the versatility of a portable balance, with readabilities of 0.001g to 0.1g. The PGL family includes a wide range of sizes and capacities, including high-capacity balances, making it ideal for lab and pilot production.

Features

- Programmable backlight can be set to "always on", "always off" or "light only when weighing"
- Capacity tracker built into display for easily monitoring pending overloads
- Large, grade 304 stainless steel pan allows easy cleaning
- Removable draught shield supplied on models with 0.001g readability to reduce errors caused by air currents
- Rechargeable battery included for operation virtually anywhere
- RS-232 interface for connection to computers and printers
- Robust metal housing protects internal components in harsh environments
- External calibration allows for verification and adjustment with weights

PGL 10001
Max 10kg d= 0.1g

Applications
- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Density determination

Model	PGL 203	PGL 303	PGL 2002	PGL 3002	PGL 4001	PGL 6001
Capacity	200g	300g	2000g	3000g	4000g	6000g
Readability	0.001g	0.001g	0.01g	0.01g	0.1g	0.1g
Tare Range	Full range					
Pan Size	145x125mm		192x192mm			
Weighing Units	mg, g, kg, lb, lb:oz, oz, N, GN, ct, dwt, ozt, custom unit					
Calibration	External calibration					
Display	Backlit LCD with 24mm-high digits					
Power Supply	12VDC 800mA adapter / Internal rechargeable battery					
Operating Temperature	0° to 40°C					
Draught Shield	Square 6.2"x6.2"x3.1" / 158x158x-80mm	N/A				
Overall Dim.	251x358x104mm					

Model	PGL 8001	PGL 12001	PGL 15001	PGL 10001	PGL 20001	PGL 30001
Capacity	8000g	12000g	15000g	10000g	20000g	30000g
Readability	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Tare Range	Full range					
Pan Size	192x192mm			400x300mm		
Weighing Units	mg, g, kg, lb, lb:oz, oz, N, GN, ct, dwt, ozt, custom unit					
Calibration	External calibration					
Display	Backlit LCD with 24mm-high digits					
Power Supply	12VDC 800mA adapter / Internal rechargeable battery					
Operating Temperature	0° to 40°C					
Draught Shield	N/A					
Overall Dim.	251x358x104mm			455x400x95mm		

PMB *Moisture Analyzer*

Streamlines moisture analysis for fast and accurate results

With rapid response time and easy-to-use functionality, Adam Equipment's PMB moisture analyzers set a new standard for data communication, making recording results quick and effortless. The USB interface means you can connect a flash drive to download results in real time and store them for future analysis. Self-contained software allows you to take readings directly from the balance, giving users freedom to collect data on a production floor or in the field. The automatic test-setting function lets you swiftly run multiple tests without additional user input, and the built-in memories enables you to store that data for later reference.
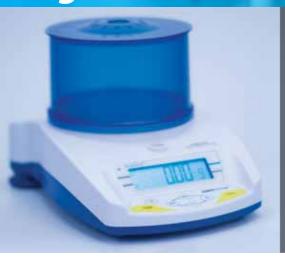
Applications
- Weighing
- Moisture determination

Features

- Programmable backlight can be set to "always on", "always off" or "light only when weighing"
- RS-232 interface for connection to computers and printers
- USB host for memory card and USB I/O interface
- Three settings for heating sample include ramp-up, stepped temperatures and single temperature
- Seven preset drying modes allow test routines for several products
- Allows automatic test start upon lid closure
- Built-in memory for storing products and settings
- Temperature setting to from 50-160°C in 1°C increments

Model	PMB 53	PMB 202
Capacity	50g	200g
Readability	0.001g / 0.01%	0.01g / 0.05%
Tare Range	Full range	
Pan Size	100mm ø	
Weighing Units	g, %M, %S, ATRO %M, ATRO %S	
Calibration	External calibration	
Display	Backlit LCD with 24mm-high digits	
Memory Settings	Internal memory stores up to 99 test results and 49 programmable user settings External USB drive for limitless data storage of test results and settings	
Power Supply	Mains power cord	
Operating Temperature	0° to 40°C	
Overall Dim.	250x360x185mm	

Highland® *Portable Precision Balances*

The most complete portable precision balance for the laboratory

Adam Equipment's Highland balances are well-suited for lab work, field use, and many industrial applications. The Highland features Adam's unique patented HandiCal® internal calibration with a built-in mass, and ShockProtect® as a safeguard against shock loading and accidental overload. Calibrate whenever you want without external masses, or use your own certified masses for traceability.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring pending overloads
- Removable draught shield to reduce errors caused by air currents
- Rechargeable battery included for operation virtually anywhere
- Internal calibration eliminates need for external weight set
- USB and RS-232 interfaces provides easy communication with computers and printers

Applications

- Weighing
- Parts counting
- Percentage weighing
- Accumulation of weight

Model	HCB 123	HCB 153	HCB 302	HCB 602	HCB 602H	HCB 1002	HCB 1502	HCB 3001
Capacity	120g	150g	300g	600g	600g	1000g	1500g	3000g
Readability	0.001g	0.005g	0.01g	0.02g	0.01g	0.01g	0.05g	0.1g
Tare Range	Full range							
Pan Size	120mm ø							
Weighing Units	g, lb, oz, N, GN, ct, dr, dwt, mm, ozt, T, tl.H, tl.S, tl.T							
Calibration	External calibration / Internal manual calibration							
Display	Backlit LCD with 18mm-high digits							
Power Supply	12VDC 800mA adapter / Internal rechargeable battery							
Operating Temperature	0° to 40°C							
Draught Shield	Round 132mm ø x 90mm							
Overall Dim.	174x252x80mm							

Core® *Compact Portable Balances*

Everything you need for basic weighing

Compact and durable, no other balance can beat the Core for basic weighing value. Core's tidy yet tough housing is designed to be easy to clean and protect against spills. A simple keypad with dual tare keys makes Core balances easy to use. Complete with built-in overload protection, removable draft shield, AC adapter, and integral security slot, Core balances are ready to work right out of the box.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Large, grade 304 stainless steel pan allows easy cleaning
- Removable draft shield (120mm pan size only)
- Safely stack to save space when not in use (120mm pan size only)
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Auto power-off to save energy
- Operates with AC adapter (included) or batteries (not included)
- Three-point ShockProtect™ feature helps prevent overload damage to internal components

Applications

- Weighing

Model	CQT 202	CQT 251	CQT 601	CQT 1501	CQT 2000	CQT 2601	CQT 5000
Capacity	200g	250g	600g	1500g	2000g	2600g	5000g
Readability	0.01g	0.1g	0.1g	0.1g	1g	0.1g	1g
Tare Range	Full range						
Pan Size	120mm ø				145mm ø		
Weighing Units	g, kg, lb, oz, N, GN, ct, dr, tl.T						
Calibration	External calibration						
Display	Backlit LCD with 18mm-high digits						
Power Supply	12VAC 150mA adapter / 6 x AA batteries						
Operating Temperature	0° to 40°C						
Draught Shield	Round 130mm ø x 90mm				N/A		
Overall Dim.	171x250x80mm						

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Dune® *Compact Balances*

Compact and easy to use, the Dune offers basic weighing at an unbeatable value

With a low-profile, user-friendly design, advanced overload protection and a splash-proof keypad, Dune delivers reliable readings in the lab or in the field. Simple to operate with only three buttons: on/off, unit, and tare, the positive push-button feel provides trouble-free operation. Weighs in grams, ounces and pounds.

Features

- Large high-contrast display, easily visible from a distance
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Solid ABS housing is durable for industrial uses
- Auto power-off to save energy
- Low-battery indicator alerts users when batteries need replacement
- Operates with AC adapter (included) or batteries (not included)

Applications

- Weighing

Model	DCT 201	DCT 2000	DCT 5000
Capacity	200g	2000g	5000g
Readability	0.1g	1g	2g
Tare Range	Full range		
Pan Size	145x145mm		
Weighing Units	g, oz	g, lb, oz	
Calibration	External calibration		
Display	LCD with 15mm-high digits		
Power Supply	12VAC 150mA adapter / 6 x AA batteries		
Operating Temperature	0° to 40°C		
Overall Dim.	147x208x40mm		

CB Compact Balances

Portability, readability and easy clean-up in an efficient design

The CB compact scale boasts best-in-class performance and value. Its stainless steel pan, sealed keypad and one-piece housing make the CB easy to clean and help protect internal components from dirt and spills. Overload protection prevents damage from excess weight. Its compact size makes it easy to store and transport. Built-in battery operation means you can use it anywhere, while auto power-off conserves battery life.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Large, grade 304 stainless steel pan allows easy cleaning
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Solid ABS housing is durable for industrial uses
- Low-battery indicator alerts users when batteries need replacement
- Optional 6VDC 200mA adapter

Applications

- Weighing

Model	CB 501	CB 1001	CB 3000
Capacity	500g	1000g	3000g
Readability	0.1g	0.1g	1g
Tare Range	Full range		
Pan Size	130mm ø		
Weighing Units	g, lb, oz		
Calibration	External calibration		
Display	LCD with 12mm-high digits		
Power Supply	2 x AA batteries / Optional 6VDC 200mA adapter		
Operating Temperature	0° to 40℃		
Overall Dim.	160x205x45mm		

Warrior® *Washdown Scales*

Rugged design and ample features combined in an elegant yet robust washdown scale

Warrior scales meet the demands of tough washdown and cleanroom environments. Solid stainless steel construction of the base and indicator provide rugged durability. IP66-rated, the Warrior comes with all the features necessary to perform a variety of functions in the food, pharmaceutical, veterinary and manufacturing industries.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring pending overloads
- Rugged stainless steel construction for ultimate durability
- Rechargeable battery included for operation virtually anywhere
- Programmable auto power-off to save energy
- Selectable digital filtering for animal/dynamic weighing delivers stable results for moving subjects

Applications
- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Dynamic / animal weighing

Model	WSK 8	WSK 16	WSK 32	WBK 32	WBK 32H	WBK 75
Capacity	8kg	16kg	32kg	32kg	32kg	75kg
Readability	0.5g	1g	2g	2g	1g	5g
Tare Range	Full range					
Pan Size	250x250mm			300x400mm		
Weighing Units	g, kg, lb, lb:oz, oz, N					
Calibration	External calibration					
Display	Backlit LCD with 40mm-high digits					
Power Supply	12VDC 800mA adapter / Internal rechargeable battery					
Operating Temperature	-10° to 40℃					
Overall Dim.	250x345x532mm			300x500x587mm		

Model	WFK 75	WFK 75H	WFK 150	WLK 150
Capacity	75kg	75kg	150kg	150kg
Readability	5g	1g	0.01kg	0.01kg
Tare Range	Full range	Full range	Full range	Full range
Pan Size	400x500mm			450x600mm
Weighing Units	g, kg, lb, lb:oz, oz, N			
Calibration	External calibration			
Display	Backlit LCD with 40mm-high digits			
Power Supply	12VDC 800mA adapter / Internal rechargeable battery			
Operating Temperature	-10° to 40℃			
Overall Dim.	400x590x972mm			450x700x972mm

CPWplus *Weighing Scales*

Reliable and durable in the field, office, lab or factory

The CPW*plus* series of scales offers an extensive range of models and configurations to accommodate every laboratory need. Choose CPW*plus* for compact portability, CPW*plus*-P with pillar-mounted display, CPW*plus*-M or CPW*plus*-L for larger platforms or CPW*plus*-W for complete mobility. Simple operation, a selection of platform sizes, battery and AC operation, and rugged construction combine to make the CPW*plus* series a truly great value.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Large, grade 304 stainless steel pan allows easy cleaning
- RS-232 interface for connection to computers and printers
- Auto power-off to save energy
- Hold function freezes the displayed weight, allowing time to lapse without losing the result
- Robust metal housing protects internal components in harsh environments

Applications
- Weighing
- Display hold

Model	CPWplus 6	CPWplus 15	CPWplus 35	CPWplus 75	CPWplus 150	CPWplus 200
Capacity	6kg	15kg	35kg	75kg	150kg	200kg
Readability	0.002kg	0.005kg	0.01kg	0.02kg	0.05kg	0.05kg
Tare Range	Full range					
Pan Size	300x300mm					
Weighing Units	kg, lb, lb:oz, oz, N					
Calibration	External calibration					
Display	Backlit LCD with 22mm-high digits					
Power Supply	12VAC 150mA adapter / 6 x AA batteries					
Operating Temperature	0° to 40°C					
Overall Dim.	300x300x50mm					

Model M	CPWplus 35M	CPWplus 75M	CPWplus 150M	CPWplus 200M	
Model L	CPWplus 35L	CPWplus 75L	CPWplus 150L	CPWplus 200L	CPWplus 300L
Capacity	35kg	75kg	150kg	200kg	300kg
Readability	0.01kg	0.02kg	0.05kg	0.05kg	0.1kg
Tare Range	Full range				
Pan Size	M - 500x500mm L - 900x600mm				
Weighing Units	kg, lb, lb:oz, oz, N				
Calibration	External calibration				
Display	Backlit LCD with 22mm-high digits				
Power Supply	12VDC 500mA adapter / Internal rechargeable battery				
Operating Temperature	0° to 40°C				
Overall Dim.	M - 500x500x40mm L - 900x600x80mm				

CBK *Bench Checkweighing Scales*

Solid performance for the industrial laboratory

Reliability and durable construction make the CBK ideal for many different lab applications. Fully featured and easy to use, the CBK is an excellent choice for production control, materials testing and pilot production applications.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows easy cleaning
- RS-232 interface for connection to computers and printers
- Rechargeable battery included for operation virtually anywhere
- Checkweighing with audible alarm

Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Checkcounting
- Accumulation of weight

Model	CBK 4	CBK 8	CBK 8H	CBK 16	CBK 32	CBK 48
Capacity	4kg	8kg	8kg	16kg	32kg	48kg
Readability	0.1g	0.2g	0.1g	0.5g	1g	2g
Tare Range	Full range					
Pan Size	225x275mm					
Weighing Units	g, kg, lb, lb:oz, oz					
Calibration	External calibration					
Display	Backlit LCD with 20mm-high digits					
Power Supply	Mains power cord / Internal rechargeable battery					
Operating Temperature	0° to 40°C					
Overall Dim.	315x355x110mm					

ADAM DU

- Monitor and collect data readings for up to eight balances or scales simultaneously
- Include date and time with readings
- Graph readings in real time
- Export readings in several file formats (text, CSV, HTML, XML)
- Export directly to Microsoft® Excel or Microsoft® Word

Microsoft Word, Microsoft Excel and Microsoft are registered trademarks of Microsoft Corporation in the United States and other countries.

Anti-Vibration Table

- Two-table construction keeps the granite block in the middle and reduces interference
- Large working surface of 400 x 450mm
- Scratch-resistant slab
- Space around the vibration slab for resting samples
- Lightweight tubular aluminium frame
- Adjustable leveling feet for uneven surfaces

Item number	Description

For all models with RS-232 or USB interfaces

3126011263	Thermal paper for #1120011156 (ATP printer)
3126011281	Thermal paper (pack of 10) for item #1120011156 (ATP printer)
1120011156	ATP thermal printer
3074010266	RS-232 cable (null-modem type)
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)
3074010267	USB cable
600002028	Adam DU software

For all models with a lock down slot

700100046	Kensington type lock and cable

For all precision balances

104008036	Anti-vibration table

In-use wet covers

301207077	In-use wet cover – PGW and PGL
301208188	In-use wet cover – PW and PMB
308232030	In-use wet cover – Highland
308232033	In-use wet cover – Core
302205006	In-use wet cover – CBK

Miscellaneous

301000001	Dust cover – PW
301007078	Dust cover – PGW and PGL (smaller size)
106007452	Density kit – PW
106007453	Density kit for 0.001g models – PGW and PGL
302126013	Below balance hook – PW, PGW and PGL
1070010636	Temperature calibration kit – PMB
307140001	Disposable sample pans (pack of 250) – PMB
700400120	6VDC 200mA Adapter – CB
1100011297	AE402 relay box – Warrior
202000001	Weigh below hook (factory fitted) – CBK
700200059	Rubber non–slip mat for CPWplus L
700100099	Hard carrying case w/lock – CPWplus regular model
308002042	Hard carrying case w/lock – Core and Highland
302000001	Hard carrying case w/lock – CBK

Weights

A full range of weights are available:

Individual weights:

- E2 and F1 class weights are stainless steel complete with box
- M1 class weights are chromium steel plated complete with box
- Other calibration weights also available upon request

Weight sets:

E2 1g to 200g
F1 1g to 100g
F1 1g to 200g
F1 1g to 500g
F1 1g to 2kg
M1 1g to 100g
M1 1g to 200g
M1 1g to 500g
M1 1g to 2kg

All weight sets are supplied as a box set.

Supplied by: