ADAM®

Balances and Scales for
Construction Materials Testing

For the Lab and in the Field

Contents

Key

Backlit Display

Tare Function

Internal Calibration

External Calibration

Battery Power

Rechargeable Battery

RS-232 Port

USB Port

Date

Time

GLP / ISO Printouts

Security Bracket

Weigh Below Capability

Washdown Rated

Adam Equipment

For more than **40 years**, Adam Equipment has supplied professionals around the globe with affordable, precise balances and scales. Every Adam product gives you the right balance of speed, performance and value. We strive to offer an extensive selection of balances and scales that meet the needs of users in a wide range of markets, and we back each sale with friendly, reliable service.

Adam operates facilities on nearly every continent, to support our products and provide quick, efficient delivery. For more information on Adam or our weighing equipment, visit our website at:

www.adamequipment.com

CBK Bench Checkweighing Scales

Industrial range with large pan to accommodate composite samples and sieves

Features
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- Checkweighing LEDs light to clearly show under, over and acceptable limits
- Checkweighing with audible alarm
- Parts counting with freely selectable sample sizes
- Large, grade 304 stainless steel pan allows swift cleaning
- Sealed keypad protects against dirt and spills
- Audible overload alarm warns when capacity has been exceeded
- Optional RS-232 interface is available to provide speedy connection to computers and printers
- Rechargeable battery included for operation almost anywhere
- Internal counting resolution 1:400,000 for precision results

Applications
- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Accumulation

Shipping Weight and Dimensions (wxdxh)
- Weight - 11lb / 5kg, Dim - 15.7"x14.2"x7.5" / 400x360x190mm

Model	CBK 8a	CBK 16a	CBK 16aH	CBK 35a	CBK 70a	CBK 100a
Model w/USB	CBK 8a w/USB	CBK 16a w/USB	CBK 16aH w/USB	CBK 35a w/USB	CBK 70a w/USB	CBK 100a w/USB
Capacity	8lb / 4kg	16lb / 8kg	16lb / 8kg	35lb / 16kg	70lb / 32kg	100lb / 48kg
Readability	0.0002lb / 0.1g	0.0005lb / 0.2g	0.0002lb / 0.1g	0.001lb / 0.5g	0.002lb / 1g	0.005lb / 2g
Tare Range	Full range					
Pan Size	8.9"x10.8" / 225x275mm					
Weighing Units	g, kg, lb, lb:oz, oz					
Calibration	External calibration					
Display	Backlit LCD with 0.8"/ 20mm-high digits					
Power Supply	12VDC 800mA adapter / Internal rechargeable battery					
Overall Dim.	12.4"x14"x4.3" / 315x355x110mm (wxdxh)					

Accessories

Item number	Description
302000001	Hard carrying case with lock
302205006	In-use wet cover
700200057	In-use wet cover (pack of 5)
700200058	In-use wet cover (pack of 10)
3074010266	RS-232 cable (null-modem)
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
600002028	Adam DU data collection program
202000001	Weigh-below hook (factory fitted)
700660290	Calibration certificate

Hard carrying case with lock

2 year warranty

Highland® Portable Precision Balances

Ideal for density determination of small samples

Features
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Three-point ShockProtect® feature helps prevent overload damage to internal components
- Internal calibration eliminates need for external weight set
- External calibration allows for verification and adjustment with weights
- Audible overload alarm warns when capacity has been exceeded
- Rechargeable battery included for operation almost anywhere
- AC adapter included

Applications
- Weighing
- Parts counting
- Percentage weighing
- Accumulation

Shipping Weight and Dimensions (wxdxh)
- Weight - 7lb / 3kg, Dim - 14"x11.2"x5.5" / 355x285x140mm

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	4.7" ø / 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 0.7"/ 18mm-high digits							
Power Supply	12VDC 800mA adapter / Internal rechargeable battery							
Draft Shield	Round 5.2" ø x 3.5" / 132mm ø x 90mm							
Overall Dim.	6.9"x9.9"x3.1" / 174x252x80mm (wxdxh)							

Accessories

Item number	Description
308002042	Hard carrying case with lock
308232034	In-use wet cover (pack of 5)
308232035	In-use wet cover (pack of 10)
308232030	In-use wet cover
3074010266	RS-232 cable (null-modem)
3074010267	USB cable
1120011156	ATP thermal printer
3126011263	Thermal paper (for item no. 1120011156-ATP printer)
3126011281	Thermal paper (pack of 10) (for item no. 1120011156-ATP printer)
700100046	Kensington-type lock and cable
600002028	Adam DU data collection program
700660290	Calibration certificate

Hard carrying case with lock

2 year warranty

Core® Portable Compact Balances

Durable balance for sieve analysis of fine and coarse aggregate

Applications
- Weighing

Features
- Rugged construction stands up to industrial use
- Three-point ShockProtect® feature helps prevent overload damage to internal components
- Large, grade 304 stainless steel pan allows swift cleaning
- Audible overload alarm warns when capacity has been exceeded
- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to "always on," "always off" or "light only when weighing"
- Operates with AC adapter (included) or batteries (not included)
- Auto power-off to save energy

Shipping Weight and Dimensions (wxdxh)
- Weight - 4lb / 2kg, Dim - 14"x11.2"x5.5" / 355x285x140mm

Model	CQT 601	CQT 2601	CQT 5000
Capacity	600g	2600g	5000g
Readability	0.1g	0.1g	1g
Tare Range	Full range		
Pan Size	4.7" Ø / 120mm Ø		
Weighing Units	g, kg, lb, oz, N, GN, ct, dr, tl.T		
Calibration	External calibration		
Display	Backlit LCD with 0.7"/ 18mm-high digits		
Power Supply	12VAC 150mA adapter / 6 x AA batteries		
Draft Shield	Round 5.1" ø x 3.5" / 130mm ø x 90mm		
Overall Dim.	6.7"x9.8"x3.1" / 171x250x80mm (wxdxh)		

Accessories
Item number	Description
308002042	Hard carrying case with lock
308232033	In-use wet cover
308232036	In-use wet cover (pack of 5)
308232037	In-use wet cover (pack of 10)
700100046	Kensington-type lock and cable
700660290	Calibration certificate

Hard carrying case with lock

2 year warranty

CPW*plus* Weighing Scales

Great for Unit Weight Test in the field

Applications
- Weighing
- Display hold

Features
- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to "always on," "always off" or "light only when weighing"
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows swift cleaning
- Wall-mount bracket for placing indicator on vertical surface
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Auto power-off to save energy

Shipping Weight and Dimensions (wxdxh)
- Weight - 11lb / 5kg, Dim - 18.9"x15"x4.7" / 480x380x120mm

Model	CPWplus 6	CPWplus 15	CPWplus 35	CPWplus 75	CPWplus 150	CPWplus 200
Capacity	13lb / 6kg	33lb / 15kg	75lb / 35kg	165lb / 75kg	330lb / 150kg	440lb / 200kg
Readability	0.005lb / 0.002kg	0.01lb / 0.005kg	0.02lb / 0.01kg	0.05lb / 0.02kg	0.1lb / 0.05kg	0.1lb / 0.05kg
Tare Range	Full range					
Pan Size	11.8"x11.8" / 300x300mm					
Weighing Units	kg, lb, lb:oz, oz					
Calibration	External calibration					
Display	Backlit LCD with 0.9"/ 22mm-high digits					
Power Supply	12VAC 150mA adapter / 6 x AA batteries					
Overall Dim.	11.8"x11.8"x2" / 300x300x50mm (wxdxh)					

Accessories

Item number	Description
700100099	Hard carrying case with lock
3074010266	RS-232 cable (null-modem)
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
700200059	Non-slip rubber mat (CPWplus L only)
600002028	Adam DU data collection program
700660290	Calibration certificate

Hard carrying case with lock

1 year warranty

Nimbus® Large Pan Precision Balances

The best choice for specific gravity testing

Features
- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Robust metal housing protects internal components in harsh environments
- USB and RS-232 interfaces provide speedy communication with computers and printers
- External calibration allows for verification and adjustment with weights
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Large, grade 304 stainless steel pan allows swift cleaning

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

Shipping Weight and Dimensions (wxdxh)
- Precision: Weight - 10lb / 4.54kg, Dim - 12"x24"x6" / 304x609x152mm
- Precision (Big Pan): Weight - 19lb / 8.61kg, Dim - 18"x20"x8" / 457x508x203mm

Model	NBL 8201e	NBL 12001e	NBL 16001e	NBL 22001e
Capacity	8200g	12000g	16000g	22000g
Readability	0.1g	0.1g	0.1g	0.1g
Tare Range	Full range			
Pan Size	6.3" ø / 160mm ø	15"x11"/400x300mm		
Weighing Units	g, kg, ct, GN, N, lb, oz, ozt, dwt, custom unit			
Calibration	External calibration			
Display	Backlit LCD with 20mm-high digits			
Power Supply	18VDC 830mA adapter			
Overall Dim.	8.7"x12.2"x3.5" / 220x310x90mm (wxdxh)	401x460x102mm (wxdxh)		

Accessories

Item number	Description
104008036	Anti-vibration table
2010012712	Battery pack (factory installed option)
2011013014	Density kit for 90mm and 120mm pan
2011013015	Density kit for 160mm pan
3012313007	Dust cover for 0.1mg balances
3012313008	Dust cover for top loaders
3012313009	In-use wet cover for 90mm pan
3012313010	In-use wet cover for 120mm pan
3012313011	In-use wet cover for 160mm pan
3012313012	In-use wet cover for 300mm x 400mm pan
3074010267	USB cable
3014011014	RS-232 cable
1120011156	ATP thermal printer

Accessories

Item number	Description
3126011263	Thermal paper (for item no. 1120011156-ATP printer)
3126011281	Thermal paper (pack of 10) (for item no. 1120011156-ATP printer)
600002028	Adam DU data collection program
3011413013	Weigh-below hook
700660290	Calibration certificate

3 year warranty

ADAM®

Scales and Balances

How To Order

Adam Balances are available from a number of distributors and catalog companies.
To locate a distributor, or help with product and ordering questions,
contact Adam Equipment at:

Phone:	**203-790-4774**
Toll-Free:	**888-355-3868**
Fax:	**203-792-3406**
Email:	**sales@adamequipment.com**
Mail:	**1 Fox Hollow Road, Oxford, CT 06478**