

Laboratory



Education



Health & Fitness



Food Services



Industrial



2017 Price List

ADAM EQUIPMENT



Contacting ADAM:

Adam Equipment Inc

1 Fox Hollow Road, Oxford CT, 06478, U.S.A

Phone: 203-790-4774

Fax: 203-792-3406

E-mail: sales@adamequipment.com

To place an order

Email: orders@adamequipment.com

Phone: 1-888-355-3868

Fax: 1-203-792-3406

Why ADAM?

Value Second to None

Adam Equipment is well-known for providing value products to the marketplace. But don't sacrifice reliability and accuracy to get savings. Adam's balances and scales provide the same results you get from expensive products, but at a price that doesn't stretch your budget.

Features You Need

While it's nice to have every feature on a new weighing instrument, all of those features may not be needed and you therefore might not want to pay for them. However, some features that are must-haves in certain products, like HandiCal® or ShockProtect®, deliver the efficiency and functionality needed in real-world settings.

Adam's Global Team Advantage

Over the last 45 years, Adam Equipment has grown and expanded its operations by opening offices and working with distributors on almost every continent. We are a family-owned company, with core teams located in each region to allow us to be flexible and nimble. Unlike other manufacturers, we can move faster to deliver what you need.

ADAM Online:



Facebook:
facebook.com/adamequipment



Youtube:
youtube.com/user/adamequipment



LinkedIn:
linkedin.com/company/adam-equipment



Twitter:
twitter.com/adamequipment



















Visit our new website
www.adamequipment.com

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Icon Key

 Backlit Display	 USB Port
 Tare Function	 Date
 Internal Calibration	 Time
 External Calibration	 GLP / ISO Printouts
 Battery Power	 Security Bracket
 Rechargeable Battery	 Weigh Below
 RS-232 Port	 Washdown Rated
 Multiple Weighing Unit	 Freight Shipping Only

Approvals



NTEP - The National Conference on Weights and Measures issues an NTEP Certificate of Conformance following successful completion of an evaluation of a device. It indicates that the device(s) described in the Certificate is/are capable of meeting applicable requirements of the NIST Handbook 44.



Measurement Canada - Type approval is granted for a particular class, type or design of measuring device once it has been confirmed that the class, type or design complies with all applicable legal requirements.



Balances

Adam Equipment's analytical and precision balances are designed for laboratory use, quality control testing, manufacturing operations and production applications. These balances can simplify the most complex weighing applications. Adam's analytical balances feature a compact footprint, so they occupy minimal space on crowded lab workbenches. Adam's precision balances efficiently perform tasks such as formulation, density determination, purity analysis, quality control, packaging and filling, and materials and conformance testing.

Where to use Adam balances:

- Agriculture
- Animal weighing
- Chemicals
- Education
- Environmental
- Food
- Formulation
- Healthcare
- Materials testing
- Medical
- Metals
- Paper production
- Pharmaceuticals
- Plants/vegetation
- Plastics
- Soil samples
- Textiles
- Veterinary
- Water treatment

Did you know?

Follow Adam Equipment on social media to get company updates, training videos and product news.



Eclipse[®] Analytical Balances

High-precision readings in an innovative design



Features

- The illuminated capacitive touch keypad provides responsive operation, and its durable, smooth surface can be easily wiped down
- Intuitive operation of features by lighted buttons guide the user through the menu structure and functions
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Robust metal housing protects internal components in harsh environments
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results

General Specifications

- Weighing units: g, mg, ct, GN, dr, oz, ozt, dwt, mm, tL.T, tL.H, tL.S, ti, T, custom unit
- Interface: RS-232, USB
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD with capacity tracker with 24mm-high digits
- Calibration: Internal automatic calibration / External calibration
- Housing: Extruded aluminum base with a die cast aluminum case
- Operating Temperature: 15° to 35°C / 59° to 95°F

Applications

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

“e” = External Calibration / “i” = Internal automatic calibration

Model	Capacity	Readability	Pan Size	Price
EBL 104e	100g	0.0001g	3.5" ø / 90mm ø	\$1,835.00
EBL 164e	160g	0.0001g	3.5" ø / 90mm ø	\$2,035.00
EBL 214e	210g	0.0001g	3.5" ø / 90mm ø	\$2,185.00
EBL 254e	250g	0.0001g	3.5" ø / 90mm ø	\$2,335.00
EBL 314e	310g	0.0001g	3.5" ø / 90mm ø	\$2,485.00
EBL 104i	100g	0.0001g	3.5" ø / 90mm ø	\$2,035.00
EBL 164i	160g	0.0001g	3.5" ø / 90mm ø	\$2,235.00
EBL 214i	210g	0.0001g	3.5" ø / 90mm ø	\$2,385.00
EBL 254i	250g	0.0001g	3.5" ø / 90mm ø	\$2,535.00
EBL 314i	310g	0.0001g	3.5" ø / 90mm ø	\$2,685.00



Shipping Weight and Dimensions (wxdxh)

- Weight - 19lb / 8.75kg, Dim - 22.5"x17.5"x15.5" / 572x445x394mm

Accessories

Item number	Description	Price
104008036	Anti-vibration table.....	\$675.00
1060012713	Density kit for 3.5" ø / 90mm ø pan	\$375.00
3012313007	Dust cover for 0.1mg balances.....	\$45.00
3074010267	USB cable.....	\$35.00
3014011014	RS-232 cable.....	\$35.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
3021210953	Weigh-below hook.....	\$25.00
3014013041	Security lock cable.....	\$28.00
700660290	Calibration certificate	\$85.00



Connectivity



Eclipse® Precision Balances

Combining brilliant precision and functionality



Features

- The illuminated capacitive touch keypad provides responsive operation, and its durable, smooth surface can be easily wiped down
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Robust metal housing protects internal components in harsh environments
- Level indicator and adjusting feet ensure proper balance setup for optimum weighing results
- Removable draft shield on models with 0.001g readability helps to reduce errors caused by air currents

General Specifications

- Weighing units: g, mg, ct, GN, dr, oz, ozt, dwt, mm, tl.T, tl.H, tl.S, ti, T, and custom unit
- Interface: RS-232 / USB
- Power Supply: 18VDC 800mA adapter
- Display: Backlit LCD with capacity tracker with 24mm-high digits
- Calibration: External or internal calibration
- Housing: Extruded aluminum base with a die cast aluminum case
- Operating Temperature: 15° to 35°C / 59° to 95°F

Applications

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

Shipping Weight and Dimensions (wxdxh)

- Precision (120mm Pan) (with Shield) - Weight - 11lb / 5kg, Dim - 23.7"x11.7"x7" / 603x298x178mm
- Precision (160mm Pan) (without Shield): Weight - 10lb / 4.5kg, Dim - 15.5"x11.5"x7" / 394x292x178mm

"e" = External Calibration / "i" = Internal automatic calibration

Model	Capacity	Readability	Pan Size	Price
EBL 223e	220g	0.001g	4.7" ø / 120mm ø	\$995.00
EBL 423e	420g	0.001g	4.7" ø / 120mm ø	\$1,155.00
EBL 623e	620g	0.001g	6.3" ø / 160mm ø	\$1,375.00
EBL 823e	820g	0.001g	6.3" ø / 160mm ø	\$1,725.00
EBL 1602e	1600g	0.01g	6.3" ø / 160mm ø	\$925.00
EBL 2602e	2600g	0.01g	6.3" ø / 160mm ø	\$995.00
EBL 3602e	3600g	0.01g	6.3" ø / 160mm ø	\$1,095.00
EBL 4602e	4600g	0.01g	6.3" ø / 160mm ø	\$1,195.00
EBL 6202e	6200g	0.01g	6.3" ø / 160mm ø	\$1,695.00
EBL 4201e	4200g	0.1g	6.3" ø / 160mm ø	\$945.00
EBL 6201e	6200g	0.1g	6.3" ø / 160mm ø	\$1,025.00
EBL 8201e	8200g	0.1g	6.3" ø / 160mm ø	\$1,125.00
EBL 223i	220g	0.001g	4.7" ø / 120mm ø	\$1,195.00
EBL 423i	420g	0.001g	4.7" ø / 120mm ø	\$1,355.00
EBL 623i	620g	0.001g	6.3" ø / 160mm ø	\$1,575.00
EBL 823i	820g	0.001g	6.3" ø / 160mm ø	\$1,925.00
EBL 1602i	1600g	0.01g	6.3" ø / 160mm ø	\$1,125.00
EBL 2602i	2600g	0.01g	6.3" ø / 160mm ø	\$1,195.00
EBL 3602i	3600g	0.01g	6.3" ø / 160mm ø	\$1,295.00
EBL 4602i	4600g	0.01g	6.3" ø / 160mm ø	\$1,395.00
EBL 6202i	6200g	0.01g	6.3" ø / 160mm ø	\$1,895.00



Accessories

Item number	Description	Price
104008036	Anti-vibration table	\$675.00
1060012714	Density kit for 4.7" ø / 120mm ø and 6.3" ø / 160mm ø pan.....	\$375.00
3012313008	Dust cover for 0.01g and 0.001g.....	\$45.00
3074010267	USB cable	\$35.00
3014011014	RS-232 cable.....	\$35.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
3021210953	Weigh-below hook	\$25.00
3014013041	Security lock cable	\$28.00
700660290	Calibration certificate.....	\$85.00



Eclipse® Precision Large Pan/Pillar Balances

High-capacity precision balances for weighing bulky samples



Features

- The illuminated capacitive touch keypad provides responsive operation, and its durable, smooth surface can be easily wiped down
- Intuitive operation of features by lighted buttons guide the user through the menu structure and functions
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Robust metal housing protects internal components in harsh environments
- Large, grade 304 stainless steel pan allows swift cleaning
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results

“P” = Pillar Version

General Specifications

- Weighing units: g, kg, ct, GN, dr, oz, ozt, dwt, mm, tL.T, tL.H, tL.S, ti, T, custom unit
- Interface: RS-232, USB
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD with capacity tracker with 24mm-high digits
- Calibration: External calibration
- Housing: Extruded aluminum base with a die-cast aluminum case
- Operating Temperature: 15° to 35°C / 59° to 95°F

Model	Capacity	Readability	Pan Size	Price
EBL 12001e	12000g	0.1g	15.7"x11.8" / 400x300mm	\$1,525.00
EBL 16001e	16000g	0.1g	15.7"x11.8" / 400x300mm	\$1,925.00
EBL 22001e	22000g	0.1g	15.7"x11.8" / 400x300mm	\$2,725.00
EBL 32001e	32000g	0.1g	15.7"x11.8" / 400x300mm	\$3,175.00
EBL 12001P	12000g	0.1g	15.7"x11.8" / 400x300mm	\$1,650.00
EBL 16001P	16000g	0.1g	15.7"x11.8" / 400x300mm	\$2,050.00
EBL 22001P	22000g	0.1g	15.7"x11.8" / 400x300mm	\$2,850.00
EBL 32001P	32000g	0.1g	15.7"x11.8" / 400x300mm	\$3,300.00

Applications

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



Shipping Weight and Dimensions (wxdxh)

- Large Pan: Weight - 19lb / 8.5kg, Dim - 20.5"x17.8"x7.8" / 521x451x197mm
- Pillar: Weight - 22lb / 10kg, Dim - 21.5"x18.7"x9" / 546x475x229mm

Accessories

Item number	Description	Price
104008036	Anti-vibration table.....	\$675.00
3074010267	USB cable	\$35.00
3014011014	RS-232 cable	\$35.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper	\$14.00
3126011281	ATP thermal printer paper (pack of 10)	\$90.00
600002028	AdamDU data collection program	\$95.00
302126013	Weigh-below hook	\$25.00
3014013041	Security lock cable	\$28.00
700660290	Calibration certificate	\$85.00



Nimbus[®] Analytical Balances

Streamlined high-precision weighing



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

General Specifications

- Weighing units: g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit
- Interface: RS-232, USB
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD with 20mm-high digits
- Calibration: Internal automatic calibration / External calibration
- Housing: Extruded aluminum base with a die-cast aluminum case
- Operating Temperature: 15° to 35°C / 59° to 95°F

Applications

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

“e” = External Calibration / “i” = Internal automatic calibration

Model	Capacity	Readability	Pan Size	Price
NBL 84e	80g	0.0001g	3.5" ø / 90mm ø	\$1,535.00
NBL 124e	120g	0.0001g	3.5" ø / 90mm ø	\$1,635.00
NBL 164e	160g	0.0001g	3.5" ø / 90mm ø	\$1,835.00
NBL 214e	210g	0.0001g	3.5" ø / 90mm ø	\$2,035.00
NBL 254e	250g	0.0001g	3.5" ø / 90mm ø	\$2,185.00
NBL 84i	80g	0.0001g	3.5" ø / 90mm ø	\$1,715.00
NBL 124i	120g	0.0001g	3.5" ø / 90mm ø	\$1,815.00
NBL 164i	160g	0.0001g	3.5" ø / 90mm ø	\$2,015.00
NBL 214i	210g	0.0001g	3.5" ø / 90mm ø	\$2,215.00
NBL 254i	250g	0.0001g	3.5" ø / 90mm ø	\$2,365.00



Shipping Weight and Dimensions (wxdxh)

- Analytical: Weight - 19lb / 8.75kg, Dim - 22.5"x17.5"x15.5" / 572x445x394mm

Accessories

Item number	Description	Price
104008036	Anti-vibration table	\$675.00
1060012713	Density kit for 3.5" ø / 90mm ø pan.....	\$375.00
3012313007	Dust cover for 0.1mg balances	\$45.00
3012013009	In-use wet cover for 3.5" ø / 90mm ø pan ...	\$35.00
3074010267	USB cable	\$35.00
3014011014	RS-232 cable.....	\$35.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
3021210953	Weigh-below hook	\$25.00
3014013041	Security lock cable	\$28.00
700660290	Calibration certificate.....	\$85.00



Connectivity



Nimbus® Precision Balances

Precision weighing in a variety of pan sizes



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

General Specifications

- Weighing units: g, mg, kg, ct, GN, N, lb, oz, lb:oz, ozt, dwt, T, custom unit
- Interface: RS-232, USB
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD with 20mm-high digits
- Calibration: Internal automatic calibration / External calibration
- Housing: Extruded aluminum base with a die cast aluminum case
- Operating Temperature: 15° to 35°C / 59° to 95°F

Applications

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

Shipping Weight and Dimensions (wxdxh)

- Precision (120mm Pan) (with Shield): Weight - 10lb / 4.54kg, Dim - 12"x24"x6" / 304x609x152mm
- Precision (160mm Pan) (without Shield): Weight - 10lb / 4.54kg, Dim - 12"x24"x6" / 304x609x152mm

"e" = External Calibration / "i" = Internal automatic calibration

Model	Capacity	Readability	Pan Size	Price
NBL 223e	220g	0.001g	4.7" ø / 120mm ø	\$795.00
NBL 423e	420g	0.001g	4.7" ø / 120mm ø	\$955.00
NBL 623e	620g	0.001g	6.3" ø / 160mm ø	\$1,155.00
NBL 823e	820g	0.001g	6.3" ø / 160mm ø	\$1,355.00
NBL 1602e	1600g	0.01g	6.3" ø / 160mm ø	\$725.00
NBL 2602e	2600g	0.01g	6.3" ø / 160mm ø	\$795.00
NBL 3602e	3600g	0.01g	6.3" ø / 160mm ø	\$895.00
NBL 4602e	4600g	0.01g	6.3" ø / 160mm ø	\$995.00
NBL 4201e	4200g	0.1g	6.3" ø / 160mm ø	\$745.00
NBL 6201e	6200g	0.1g	6.3" ø / 160mm ø	\$845.00
NBL 8201e	8200g	0.1g	6.3" ø / 160mm ø	\$925.00
NBL 223i	220g	0.001g	4.7" ø / 120mm ø	\$975.00
NBL 423i	420g	0.001g	4.7" ø / 120mm ø	\$1,135.00
NBL 623i	620g	0.001g	6.3" ø / 160mm ø	\$1,335.00
NBL 823i	820g	0.001g	6.3" ø / 160mm ø	\$1,535.00
NBL 1602i	1600g	0.01g	6.3" ø / 160mm ø	\$925.00
NBL 2602i	2600g	0.01g	6.3" ø / 160mm ø	\$975.00
NBL 3602i	3600g	0.01g	6.3" ø / 160mm ø	\$1,075.00
NBL 4602i	4600g	0.01g	6.3" ø / 160mm ø	\$1,175.00



Accessories

Item number	Description	Price
104008036	Anti-vibration table.....	\$675.00
1060012714	Density kit for 4.7" ø / 120mm ø and 6.3" ø / 160mm ø pan.....	\$375.00
3012313008	Dust cover for 0.01g and 0.001g.....	\$45.00
3012013010	In-use wet cover for 4.7" ø / 120mm ø and 6.3" ø / 160mm ø pan.....	\$35.00
3074010267	USB cable.....	\$35.00
3014011014	RS-232 cable.....	\$35.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
3021210953	Weigh-below hook.....	\$25.00
3014013041	Security lock cable.....	\$28.00
700660290	Calibration certificate.....	\$85.00



Nimbus® Precision Large Pan/Pillar Balances

Oversized pan for large items and materials 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

“P” = Pillar Version

General Specifications

- Weighing units: g, kg, ct, GN, N, lb, oz, lb:oz, ozt, dwt, T, custom unit
- Interface: RS-232, USB
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: Extruded aluminum base with a die cast aluminum case
- Operating Temperature: 15° to 35°C / 59° to 95°F

Model	Capacity	Readability	Pan Size	Price
NBL 12001e	12000g	0.1g	15.7"x11.8" / 400x300mm	\$1,325.00
NBL 16001e	16000g	0.1g	15.7"x11.8" / 400x300mm	\$1,725.00
NBL 22001e	22000g	0.1g	15.7"x11.8" / 400x300mm	\$2,525.00
NBL 12001P	12000g	0.1g	15.7"x11.8" / 400x300mm	\$1,450.00
NBL 16001P	16000g	0.1g	15.7"x11.8" / 400x300mm	\$1,850.00
NBL 22001P	22000g	0.1g	15.7"x11.8" / 400x300mm	\$2,650.00



Applications

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

Shipping Weight and Dimensions (wxdxh)

- Large Pan: Weight - 19lb / 8.5kg, Dim - 20.5"x17.8"x7.8" / 521x451x197mm
- Pillar: Weight - 22lb / 10kg, Dim - 21.5"x18.7"x9" / 546x475x229mm

Accessories

Item number	Description	Price
104008036	Anti-vibration table.....	\$675.00
3012013012	In-use wet cover for 15.7"x11.8" / 400x300mm pan.....	\$35.00
3074010267	USB cable.....	\$35.00
3014011014	RS-232 cable.....	\$35.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
302126013	Weigh-below hook for NBL 15.7"x11.8" / 400x300mm pan	\$25.00
3014013041	Security lock cable.....	\$28.00
700660290	Calibration certificate	\$85.00



Highland® Portable Precision Balances

An exceptional value in portable precision weighing



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- Balances stack efficiently and safely to save space (120mm pan size only)
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Audible overload alarm warns when capacity is exceeded
- HandiCal® internal calibration eliminates need for external weight set
- Three-point ShockProtect® feature helps prevent overload damage to internal components
- Dual tare keys facilitate operation with either the left or right hand
- Security slot for optional Kensington-type lock and cable to help prevent theft
- Hook included for weighing below the balance
- Rechargeable battery included for operation almost anywhere
- AC adapter included

General Specifications

- Weighing units: g, lb, oz, N, GN, ct, dr, dwt, mm, ozt, T, tl.H, tl.S, tl.T
- Interface: RS-232, USB
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 18mm-high digits
- Calibration: External calibration / Internal manual calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
HCB 123	120g	0.001g	4.7" ø / 120mm ø	\$435.00
HCB 153	150g	0.005g	4.7" ø / 120mm ø	\$355.00
HCB 302	300g	0.01g	4.7" ø / 120mm ø	\$355.00
HCB 602	600g	0.02g	4.7" ø / 120mm ø	\$355.00
HCB 602H	600g	0.01g	4.7" ø / 120mm ø	\$445.00
HCB 1002	1000g	0.01g	4.7" ø / 120mm ø	\$495.00
HCB 1502	1500g	0.05g	4.7" ø / 120mm ø	\$355.00
NEW HCB 2202	2200g	0.01g	5.7" ø / 145mm ø	\$595.00
HCB 3001	3000g	0.1g	4.7" ø / 120mm ø	\$355.00
NEW HCB 6001	6000g	0.1g	5.7" ø / 145mm ø	\$485.00

Applications

- Weighing
- Parts counting
- Percentage weighing
- Accumulation



Shipping Weight and Dimensions (wxdxh)

- Weight - 7lb / 3kg, Dim - 14.5"x11.5"x6.4" / 368x292x162mm



Without Shield



Rear View

Accessories

Item number	Description	Price
308002042	Hard carrying case with lock.....	\$75.00
308232034	In-use wet cover (pack of 5).....	\$85.00
308232035	In-use wet cover (pack of 10).....	\$150.00
308232030	In-use wet cover.....	\$20.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
700100046	Kensington-type lock and cable.....	\$28.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate.....	\$85.00



Core® Portable Compact Balances

The most durable compact balance in its class



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 is 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
- Removable draft shield (120mm and 160mm pan size only)
- Balances stack efficiently and safely to save space (120mm pan size only)
- Color-coded keys facilitate quick recognition of the most frequently used buttons

General Specifications

- Weighing units: g, kg, lb, oz, N, GN, ct, dr, tL.T
- Power Supply: 12VAC 150mA adapter / 6 x AA batteries
- Display: Backlit LCD with 18mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
CQT 202	200g	0.01g	4.7" ø / 120mm ø	\$265.00
CQT 251	250g	0.1g	4.7" ø / 120mm ø	\$125.00
CQT 601	600g	0.1g	4.7" ø / 120mm ø	\$175.00
CQT 1501	1500g	0.1g	4.7" ø / 120mm ø	\$235.00
CQT 2000	2000g	1g	5.7" ø / 145mm ø	\$125.00
CQT 2601	2600g	0.1g	5.7" ø / 145mm ø	\$295.00
CQT 5000	5000g	1g	5.7" ø / 145mm ø	\$175.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 4lb / 2kg, Dim - 14.5"x11.5"x6" / 368x292x152mm



Without Shield



Stackable

Accessories

Item number	Description	Price
308002042	Hard carrying case with lock.....	\$75.00
308232033	In-use wet cover	\$20.00
308232036	In-use wet cover (pack of 5)	\$85.00
308232037	In-use wet cover (pack of 10)	\$150.00
700100046	Kensington-type lock and cable.....	\$28.00
700660290	Calibration certificate	\$85.00



Astro[®] Compact Scales

A sleek portioning scale, easy to clean between weighing tasks



Features

- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Rugged stainless steel construction for ultimate durability
- Solid, one-piece construction is lightweight and easy to clean
- Operates with AC adapter (included) or batteries (not included)
- Auto power-off to save energy
- External calibration allows for verification and adjustment with weights
- Readouts display green when weighing, and red when overloaded

General Specifications

- Weighing units: g, lb, oz, lb:oz
- Interface: N/A
- Power Supply: 6VDC 500mA adapter / 2 x AAA batteries
- Display: LCD with 18mm-high digits
- Calibration: External calibration
- Housing: Stainless steel
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
ASC 2001	2000g	0.1g	6.3"x7.1" / 160x180mm	\$275.00
ASC 4000	4000g	0.5g	6.3"x7.1" / 160x180mm	\$190.00
ASC 8000	8000g	1g	6.3"x7.1" / 160x180mm	\$210.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 4lb / 1.7kg, Dim - 8.3"x9.5"x3.6" / 210x242x92mm

Accessories

Item number	Description	Price
700660290	Calibration certificate	\$85.00



CB Compact Balances

Provides features and consistency for portable performance



Features

- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Sealed keypad protects against dirt and spills
- Low-battery indicator alerts users when batteries need replacement
- Lightweight design simplifies transport and portability
- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Solid ABS housing is durable for industrial uses
- Optional 6VDC 200mA adapter

General Specifications

- Weighing units: g, lb, oz
- Power Supply: 2 x AA batteries / Optional 6VDC 200mA adapter
- Display: LCD with 12mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
CB 501	500g	0.1g	5.1" ø / 130mm ø	\$75.00
CB 1001	1000g	0.1g	5.1" ø / 130mm ø	\$85.00
CB 3000	3000g	1g	5.1" ø / 130mm ø	\$75.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 2lb / 1kg, Dim - 12"x10"x8" / 305x254x203mm



Adjustable Feet

Accessories

Item number	Description	Price
700400123	6VDC 200mA adapter.....	\$30.00
700230015	In-use wet cover	\$15.00
700660290	Calibration certificate	\$85.00



Dune[®] Compact Balances

Streamlined design for basic weighing in the lab, classroom or field



Features

- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Solid ABS housing is durable for industrial uses
- Operates with AC adapter (included) or batteries (not included)
- Low-battery indicator alerts users when batteries need replacement
- Auto power-off to save energy
- High-contrast display is easily visible from a distance
- Lightweight design simplifies transport and portability
- Overload protection helps prevent damage to internal components
- Sealed keypad protects against dirt and spills

General Specifications

- Weighing units: g, oz
- Power Supply: 12VAC 150mA adapter / 6 x AA batteries
- Display: LCD with 15mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
DCT 201	200g	0.1g	5.7"x5.7" / 145x145mm	\$89.00
DCT 2000	2000g	1g	5.7"x5.7" / 145x145mm	\$89.00
DCT 5000	5000g	2g	5.7"x5.7" / 145x145mm	\$89.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 3lb / 1.5kg, Dim - 12"x10"x8" / 305x254x203mm

Accessories

Item number	Description	Price
700660290	Calibration certificate	\$85.00



TBB Triple Beam Balances

A reliable, classic balance for performing mass measurement



Features

- Security slot for optional Kensington-type lock and cable to help prevent theft
- Magnetic damping slows pointer movement for faster readings
- Notched, tiered, graduated beams ensure positive positioning and accurate reading of results
- Integrated rulers in centimeters and inches lets users measure length
- Storage space for weights included
- Optional hook enables below-balance weighing
- Large, grade 304 stainless steel pan allows swift cleaning
- Zero adjustment

General Specifications

- Weighing units: g
- Display: Graduated beam with 7mm-high digits
- Calibration: External calibration
- Housing: Die-cast aluminum

Model	Capacity	Readability	Pan Size	Price
TBB 610S	610g	0.1g	6" ø / 152mm ø	\$99.00
TBB 2610S	2610g	0.1g	6" ø / 152mm ø	\$131.00
TBB 2610T	2610g	0.1g	6" ø / 152mm ø	\$142.00



Applications

- Weighing

Weight and Dimensions

- TBB 2610S, 2610T: Weight - 8lb / 3.75kg, Dim - 21.7"x7.2"x9.4" / 552x184x240mm
- TBB 610S: Weight - 6lb / 2.5kg, Dim - 21.7"x7.2"x9.4" / 552x184x240mm

Accessories

Item number	Description	Price
700100211	Hard carrying case with lock.....	\$65.00
700100046	Kensington-type lock and cable.....	\$28.00
3021210953	Weigh-below hook.....	\$25.00





Moisture Analyzer

Adam's PMB moisture analyzers provide an efficient alternative to the time-consuming method of oven testing. Using the basic "loss-on-drying" technique to simultaneously weigh and heat samples, moisture analyzers reduce test time and deliver greater measurement accuracy.

Where to use Adam moisture analyzers:

- Chemicals
- Food
- Materials testing
- Paper production
- Pharmaceuticals
- Plastics
- Quality control
- Soil samples
- Water treatment

Did you know?

Consider ordering a calibration certificate when ordering a scale or balance. Certificates are shown in the accessory list for each product.

PMB Moisture Analyzer

Superior connectivity, with the ability to easily store test settings and collect data



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”
- Pan lifter allows easy placement and removal of samples
- USB and RS-232 interfaces provide speedy communication with computers and printers
- USB host for memory card and USB I/O interface
- Temperature range 50°C to 160°C in one-degree increments
- Three settings for heating sample include ramp-up, stepped temperatures and single temperature
- Seven preset drying modes allow test routines for several products
- Testing can be set to start automatically when lid closes
- Color-coded keys facilitate quick recognition of the most frequently used buttons

General Specifications

- Weighing units: g, %M, %S, ATRO %M, ATRO %S
- Interface: RS-232, USB
- Power Supply: Power cord
- Display: Backlit LCD with 24mm-high digits
- Calibration: External calibration
- Housing: Die-cast aluminum
- Operating Temperature: 0° to 40°C / 32° to 104°F

NEW

Model	Capacity	Readability	Pan Size	Price
PMB 53	50g	0.001g / 0.01%	3.9" ø / 100mm ø	\$2,475.00
PMB 163	160g	0.001g / 0.01%	3.9" ø / 100mm ø	\$2,675.00
PMB 202	200g	0.01g / 0.05%	3.9" ø / 100mm ø	\$2,175.00



Applications

- Weighing
- Moisture determination

Shipping Weight and Dimensions (wx dxh)

- Weight - 18lb / 8kg, Dim - 18.5"x15.2"x11.7" / 470x387x298mm



Connectivity

Accessories

Item number	Description	Price
104008036	Anti-vibration table.....	\$675.00
1070010636	Temperature calibration kit.....	\$250.00
301208188	In-use wet cover.....	\$25.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010267	USB cable.....	\$35.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
307140001	Disposable sample pans (pack of 250).....	\$175.00
700100046	Kensington-type lock and cable.....	\$28.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate.....	\$85.00





Bench and Floor Scales

Adam's bench and floor scales provide durable, dependable weighing solutions for a variety of industries. Simple to operate, these industrial scales offer functions and features that improve efficiency and increase productivity in factories and warehouses, on assembly lines or at loading docks.

Available in a choice of sizes, Adam bench and floor scales offer sturdy stainless steel weighing pans and platforms. From basic weighing to counting and checkweighing, our scales can meet your industrial weighing and counting needs for packaging and inventory checks, and during quality control tasks. Compact bench scales include the display, keypad and platform in self-contained housing.

Where to use Adam weighing scales:

- Agriculture
- Animal weighing
- Chemicals
- Checkweighing
- Parts counting
- Field work
- Filling
- Food
- Inventory
- Materials testing
- Packaging
- Plastics
- Production
- Quality control
- Receiving
- Shipping
- Stock control
- Warehouse

Did you know?

Adam Equipment exhibits at many industry trade shows around the world. Visit www.adamequipment.com/events for a list of upcoming shows in your area.

LBK Compact Bench Scales

An outstanding value for quick, basic weighing tasks



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows swift cleaning
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Splash-proof housing, keypad and display are easy to clean
- Lightweight design simplifies transport and portability
- Audible overload alarm warns when capacity is exceeded
- Parts counting with preset sample sizes
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 24mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
LBK 6a	6lb / 3kg	0.001lb / 0.5g	9.8"x7.1" / 250x180mm	\$185.00
LBK 12a	12lb / 6kg	0.002lb / 1g	9.8"x7.1" / 250x180mm	\$185.00
LBK 25a	25lb / 12kg	0.005lb / 2g	9.8"x7.1" / 250x180mm	\$185.00
LBK 65a	65lb / 30kg	0.01lb / 5g	9.8"x7.1" / 250x180mm	\$185.00



Applications

- Weighing
- Parts counting
- Percentage weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 9lb / 4kg, Dim - 13.5"x11.6"x6.8" / 343x295x172mm

Accessories

Item number	Description	Price
700200056	In-use wet cover	\$20.00
700200063	In-use wet cover (pack of 5)	\$85.00
700200064	In-use wet cover (pack of 10)	\$150.00
700660290	Calibration certificate	\$85.00



CBK Bench Checkweighing Scales

Powerful choice for reliability in industrial weighing and counting



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
- Sealed keypad protects against dirt and spills
- Quick and easy configuration using the keypad
- Checkweighing LEDs clearly show under, over and acceptable limits
- Checkweighing with audible alarm
- Parts counting with freely selectable sample sizes
- Internal counting resolution 1:400,000 for precision results
- Memory accumulation totals results
- Rugged construction stands up to industrial use
- Optional USB interface simplifies data communication
- Audible overload alarm warns when capacity is exceeded
- Large, grade 304 stainless steel pan allows swift cleaning
- Rechargeable battery included for operation almost anywhere

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz
- Interface: RS-232 / Optional USB
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

Applications

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

Model	Capacity	Readability	Pan Size	Price
CBK 8a	8lb / 4kg	0.0002lb / 0.1g	8.9"x10.8" / 225x275mm	\$395.00
CBK 16a	16lb / 8kg	0.0005lb / 0.2g	8.9"x10.8" / 225x275mm	\$395.00
CBK 16aH	16lb / 8kg	0.0002lb / 0.1g	8.9"x10.8" / 225x275mm	\$495.00
CBK 35a	35lb / 16kg	0.0011lb / 0.5g	8.9"x10.8" / 225x275mm	\$395.00
CBK 70a	70lb / 32kg	0.002lb / 1g	8.9"x10.8" / 225x275mm	\$395.00
CBK 100a	100lb / 48kg	0.005lb / 2g	8.9"x10.8" / 225x275mm	\$395.00
CBK 8a w/USB	8lb / 4kg	0.0002lb / 0.1g	8.9"x10.8" / 225x275mm	\$470.00
CBK 16a w/USB	16lb / 8kg	0.0005lb / 0.2g	8.9"x10.8" / 225x275mm	\$470.00
CBK 16aH w/USB	16lb / 8kg	0.0002lb / 0.1g	8.9"x10.8" / 225x275mm	\$570.00
CBK 35a w/USB	35lb / 16kg	0.0011lb / 0.5g	8.9"x10.8" / 225x275mm	\$470.00
CBK 70a w/USB	70lb / 32kg	0.002lb / 1g	8.9"x10.8" / 225x275mm	\$470.00
CBK 100a w/USB	100lb / 48kg	0.005lb / 2g	8.9"x10.8" / 225x275mm	\$470.00



Shipping Weight and Dimensions (wxdxh)

- Weight - 11lb / 5kg, Dim - 15.5"x14.5"x7.5" / 394x368x191mm

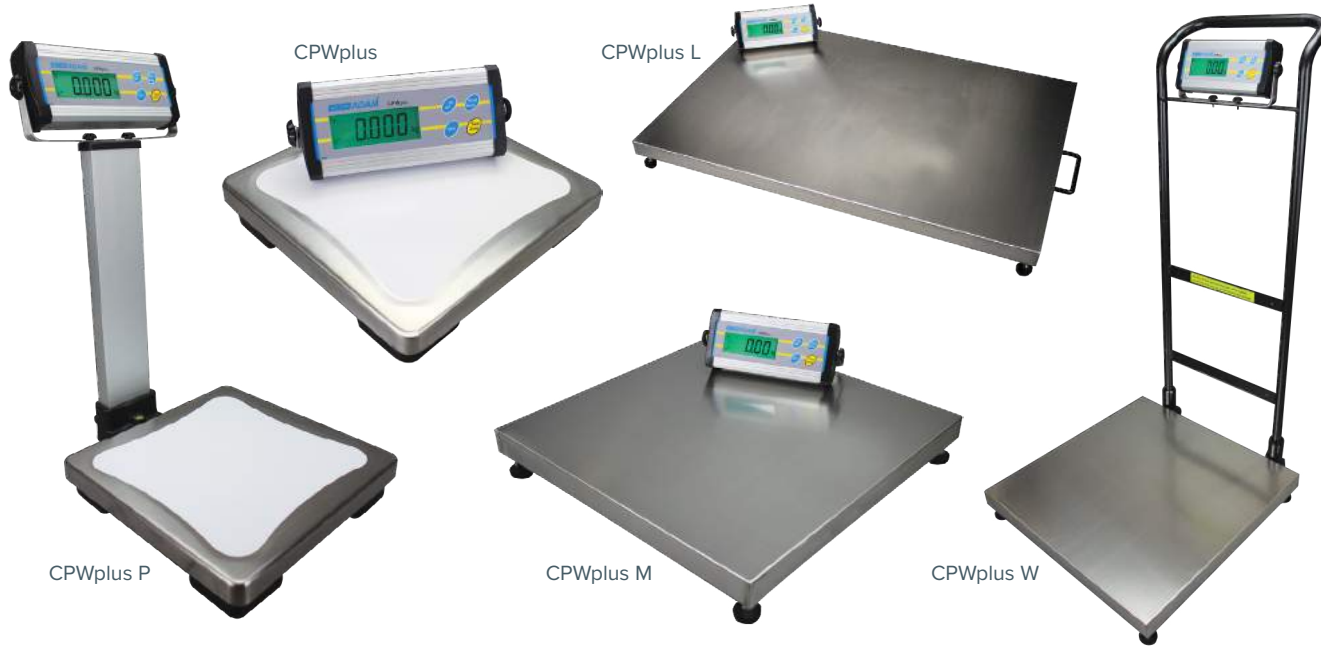
Accessories

Item number	Description	Price
302000001	Hard carrying case with lock.....	\$85.00
302205006	In-use wet cover.....	\$20.00
700200057	In-use wet cover (pack of 5).....	\$85.00
700200058	In-use wet cover (pack of 10).....	\$150.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)...	\$50.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
202000001	Weigh-below hook (factory fitted).....	\$125.00
700660290	Calibration certificate.....	\$85.00



CPWplus Bench and Floor Scales

The most flexible series of scales, offering multiple configurations to suit a variety of applications



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
- Robust metal housing protects internal components in harsh environments
- 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

Applications

- Weighing
- Display hold

General Specifications

- Weighing units: kg, lb, lb:oz, oz
- Interface: RS-232
- Power Supply (Standard and P Models): 12VAC 150mA adapter / 6 x AA batteries (AA's not included)
- Power Supply (L, M, W Models): 12VDC 800mA adapter
- Display: Backlit LCD with 22mm-high digits
- Calibration: External calibration
- Housing: Extruded aluminum
- Operating Temperature: 0° to 40°C / 32° to 104°F

Shipping Weight and Dimensions (wxdxh)

- CPWplus: Weight - 11lb / 5kg, Dim - 19”x15”x4.5” / 483x381x114mm
- CPWplus P: Weight - 16lb / 7.25kg, Dim - 22”x18”x12” / 559x457x305mm
- CPWplus M: Weight - 23lb / 10.5kg, Dim - 23”x22”x5” / 584x559x127mm
- CPWplus W: Weight - 29lb / 13kg, Dim - 41.3”x22”x5.5” / 1048x559x140mm
- CPWplus L: Weight - 36lb / 16.5kg, Dim - 43”x26.5”x4.5” / 1092x673x114mm



Model	Capacity	Readability	Pan Size	Price
CPWplus 6	13lb / 6kg	0.005lb / 0.002kg	11.8"x11.8" / 300x300mm	\$195.00
CPWplus 15	33lb / 15kg	0.01lb / 0.005kg	11.8"x11.8" / 300x300mm	\$195.00
CPWplus 35	75lb / 35kg	0.02lb / 0.01kg	11.8"x11.8" / 300x300mm	\$195.00
CPWplus 75	165lb / 75kg	0.05lb / 0.02kg	11.8"x11.8" / 300x300mm	\$195.00
CPWplus 150	330lb / 150kg	0.1lb / 0.05kg	11.8"x11.8" / 300x300mm	\$205.00
CPWplus 200	440lb / 200kg	0.1lb / 0.05kg	11.8"x11.8" / 300x300mm	\$215.00
CPWplus 6P	13lb / 6kg	0.005lb / 0.002kg	11.8"x11.8" / 300x300mm	\$295.00
CPWplus 15P	33lb / 15kg	0.01lb / 0.005kg	11.8"x11.8" / 300x300mm	\$295.00
CPWplus 35P	75lb / 35kg	0.02lb / 0.01kg	11.8"x11.8" / 300x300mm	\$295.00
CPWplus 75P	165lb / 75kg	0.05lb / 0.02kg	11.8"x11.8" / 300x300mm	\$295.00
CPWplus 150P	330lb / 150kg	0.1lb / 0.05kg	11.8"x11.8" / 300x300mm	\$305.00
CPWplus 200P	440lb / 200kg	0.1lb / 0.05kg	11.8"x11.8" / 300x300mm	\$315.00
CPWplus 35M	75lb / 35kg	0.02lb / 0.01kg	19.7"x19.7" / 500x500mm	\$350.00
CPWplus 75M	165lb / 75kg	0.05lb / 0.02kg	19.7"x19.7" / 500x500mm	\$360.00
CPWplus 150M	330lb / 150kg	0.1lb / 0.05kg	19.7"x19.7" / 500x500mm	\$370.00
CPWplus 200M	440lb / 200kg	0.1lb / 0.05kg	19.7"x19.7" / 500x500mm	\$380.00
CPWplus 35W	75lb / 35kg	0.02lb / 0.01kg	19.7"x19.7" / 500x500mm	\$425.00
CPWplus 75W	165lb / 75kg	0.05lb / 0.02kg	19.7"x19.7" / 500x500mm	\$435.00
CPWplus 150W	330lb / 150kg	0.1lb / 0.05kg	19.7"x19.7" / 500x500mm	\$445.00
CPWplus 200W	440lb / 200kg	0.1lb / 0.05kg	19.7"x19.7" / 500x500mm	\$455.00
CPWplus 35L	75lb / 35kg	0.02lb / 0.01kg	35.4"x23.6" / 900x600mm	\$525.00
CPWplus 75L	165lb / 75kg	0.05lb / 0.02kg	35.4"x23.6" / 900x600mm	\$535.00
CPWplus 150L	330lb / 150kg	0.1lb / 0.05kg	35.4"x23.6" / 900x600mm	\$545.00
CPWplus 200L	440lb / 200kg	0.1lb / 0.05kg	35.4"x23.6" / 900x600mm	\$555.00
CPWplus 300L	660lb / 300kg	0.2lb / 0.1kg	35.4"x23.6" / 900x600mm	\$575.00



Accessories

Item number	Description	Price
700100099	Hard carrying case with lock (300 x 300mm pan size only).....	\$85.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
700200059	Non-slip rubber mat (CPWplus L only).....	\$35.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate	\$85.00

GBK Bench Checkweighing Scales

The best solution for demanding industrial and manufacturing tasks



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 is exceeded
- RS-232 interface is available to provide speedy connection to computers and printers
- Rechargeable battery included for operation almost anywhere

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic indicator with die-cast aluminum base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Applications

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

Shipping Weight and Dimensions (wxdxh)

- Weight - 28lb / 12.5kg,
Dim - 27.5"x15.5"x7.5" / 699x394x191mm

Model	Capacity	Readability	Pan Size	Price
GBK 16a	16lb / 8kg	0.0002lb / 0.1g	11.8"x15.7" / 300x400mm	\$595.00
GBK 35a	35lb / 16kg	0.001lb / 0.5g	11.8"x15.7" / 300x400mm	\$495.00
GBK 70a	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$545.00
GBK 130a	130lb / 60kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$545.00
GBK 260a	260lb / 120kg	0.01lb / 5g	11.8"x15.7" / 300x400mm	\$575.00
GBK 16a w/USB	16lb / 8kg	0.0002lb / 0.1g	11.8"x15.7" / 300x400mm	\$670.00
GBK 35a w/USB	35lb / 16kg	0.001lb / 0.5g	11.8"x15.7" / 300x400mm	\$570.00
GBK 70a w/USB	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$620.00
GBK 130a w/USB	130lb / 60kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$620.00
GBK 260a w/USB	260lb / 120kg	0.01lb / 5g	11.8"x15.7" / 300x400mm	\$650.00

NTEP/Measurement Canada Approved

Model	Capacity	Readability	Pan Size	Price
GBK 15aM	15lb / 6kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$650.00
GBK 30aM	30lb / 15kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$550.00
GBK 60aM	60lb / 30kg	0.01lb / 5g	11.8"x15.7" / 300x400mm	\$600.00
GBK 150aM	150lb / 60kg	0.02lb / 0.01kg	11.8"x15.7" / 300x400mm	\$600.00
GBK 300aM	300lb / 150kg	0.05lb / 0.02kg	11.8"x15.7" / 300x400mm	\$630.00



Accessories

Item number	Description	Price
3052010526	In-use wet cover.....	\$20.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700200107	Casters / wheels (set of 4).....	\$395.00
700660290	Calibration certificate.....	\$85.00



Without Pillar



ABK Bench Weighing Scales

The right combination of features and performance for industrial applications



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
- Checkweighing LEDs light to clearly show under, over and acceptable limits
- Checkweighing with audible alarm
- Parts counting with preset sample sizes
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Rugged construction stands up to industrial use
- Sealed keypad protects against dirt and spills
- Audible overload alarm warns when capacity is exceeded
- Large, grade 304 stainless steel pan allows swift cleaning
- RS-232 interface is available to provide speedy connection to computers and printers
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Programmable auto power-off to save energy
- Wall-mount bracket for placing indicator on vertical surface

General Specifications

- Weighing units: g, kg, lb, lb:oz, N
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 40mm-high digits
- Calibration: External calibration
- Housing: Stainless steel indicator with die-cast aluminum base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity	Readability	Pan Size	Price
ABK 16a	16lb / 8000g	0.0005lb / 0.2g	11.8"x15.7" / 300x400mm	\$715.00
ABK 35a	35lb / 16kg	0.001lb / 0.5g	11.8"x15.7" / 300x400mm	\$615.00
ABK 70a	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$665.00
ABK 130a	130lb / 60kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$665.00
ABK 260a	260lb / 120kg	0.01lb / 5g	11.8"x15.7" / 300x400mm	\$695.00



Applications

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

Shipping Weight and Dimensions (wxdxh)

- Weight - 30lb / 13.5kg, Dim - 30"x15.7"x6.5" / 762x400x165mm



Without Pillar

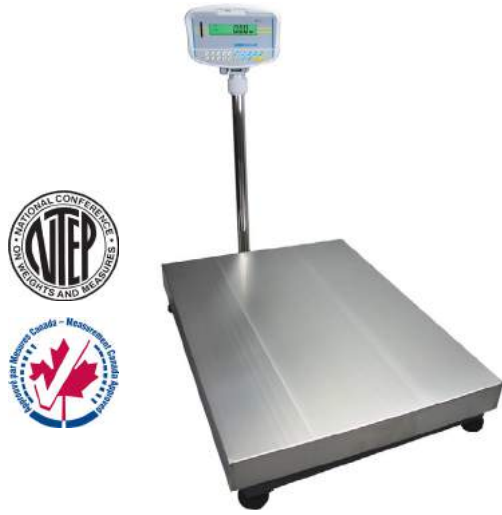
Accessories

Item number	Description	Price
3102311619	In-use wet cover.....	\$20.00
700400103	RS-232 cable.....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
3004013214	Light tower and relay kit.....	\$760.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
1100011297	AE402 relay box.....	\$185.00
600002028	AdamDU data collection program.....	\$95.00
700200107	Casters / wheels (set of 4).....	\$395.00
700660290	Calibration certificate.....	\$85.00



GFK Floor Checkweighing Scales

Industrial scale's proven strength brings large-scale benefits



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
- Rugged construction stands up to industrial use
- Large, grade 304 stainless steel pan allows swift cleaning
- Sealed keypad protects against dirt and spills
- RS-232 interface is available to provide speedy connection to computers and printers
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic indicator with die-cast aluminum base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Applications

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

Shipping Weight and Dimensions (wxdxh)

- Weight - 40lb / 18kg,
Dim - 30.5"x19"x7.5" / 775x483x191mm
- GFK 1320a: Weight - 77lb / 35kg,
Dim - 46.5"x26.3"x8.5" / 1181x667x216mm

Accessories

Item number	Description	Price
3052010526	In-use wet cover	\$20.00
3074010266	RS-232 cable (null-modem)	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10)	\$90.00
600002028	AdamDU data collection program	\$95.00
700200107	Casters / wheels (set of 4).....	\$395.00
700660288	Calibration certificate (GFK 1320).....	\$125.00
700660290	Calibration certificate	\$85.00

Model	Capacity	Readability	Pan Size	Price
GFK 165a	165lb / 75kg	0.01lb / 5g	15.7"x19.7" / 400x500mm	\$625.00
GFK 165aH	165lb / 75kg	0.002lb / 1g	15.7"x19.7" / 400x500mm	\$895.00
GFK 330a	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$625.00
GFK 330aH	330lb / 150kg	0.005lb / 2g	15.7"x19.7" / 400x500mm	\$895.00
GFK 660a	660lb / 300kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$675.00
GFK 1320a	1320lb / 600kg	0.1lb / 0.05kg	23.6"x31.5" / 600x800mm	\$925.00
GFK 165a w/USB	165lb / 75kg	0.01lb / 5g	15.7"x19.7" / 400x500mm	\$700.00
GFK 165aH w/USB	165lb / 75kg	0.002lb / 1g	15.7"x19.7" / 400x500mm	\$970.00
GFK 330a w/USB	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$700.00
GFK 330aH w/USB	330lb / 150kg	0.005lb / 2g	15.7"x19.7" / 400x500mm	\$970.00
GFK 660a w/USB	660lb / 300kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$750.00
GFK 1320a w/USB	1320lb / 600kg	0.1lb / 0.05kg	23.6"x31.5" / 600x800mm	\$1,000.00

NTEP/Measurement Canada Approved

Model	Capacity	Readability	Pan Size	Price
GFK 150aM	150lb / 60kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$675.00
GFK 300aM	300lb / 150kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$675.00
GFK 600aM	660lb / 300kg	0.1lb / 0.05kg	15.7"x19.7" / 400x500mm	\$725.00



Without Pillar



AFK Floor Weighing Scales

Extra-large pan for weighing oversized items or counting large quantities



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
- Checkweighing LEDs light to clearly show under, over and acceptable limits
- Checkweighing with audible alarm
- Parts counting with preset sample sizes
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Rugged construction stands up to industrial use
- Sealed keypad protects against dirt and spills
- Audible overload alarm warns when capacity is exceeded
- Large, grade 304 stainless steel pan allows swift cleaning
- RS-232 interface is available to provide speedy connection to computers and printers
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Programmable auto power-off to save energy
- Wall-mount bracket for placing indicator on vertical surface

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz, N
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 40mm-high digits
- Calibration: External calibration
- Housing: Stainless steel indicator with die cast aluminum base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity	Readability	Pan Size	Price
AFK 165a	165lb / 75kg	0.01lb / 0.005kg	15.7"x19.7" / 400x500mm	\$745.00
AFK 165aH	165lb / 75kg	0.02lb / 0.001kg	15.7"x19.7" / 400x500mm	\$1,015.00
AFK 330a	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$745.00
AFK 660a	660lb / 300kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$795.00
AFK 1320a	1320lb / 600kg	0.1lb / 0.05kg	23.6"x31.5" / 600x800mm	\$1,045.00



Applications

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

Shipping Weight and Dimensions (wxdxh)

- Weight - 31lb / 14kg, Dim - 35"x18"x8.7" / 889x457x222mm
- AFK 1320a: Weight - 77lb / 35kg, Dim - 46.5"x26.3"x8.5" / 1181x667x216mm



Without Pillar

Accessories

Item number	Description	Price
3102311619	In-use wet cover.....	\$20.00
700400103	RS-232 cable.....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
3004013214	Light tower and relay kit.....	\$760.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
1100011297	AE402 relay box.....	\$185.00
600002028	AdamDU data collection program.....	\$95.00
700200107	Casters / wheels (set of 4).....	\$395.00
700660288	Calibration certificate (AFK 1320).....	\$125.00
700660290	Calibration certificate.....	\$85.00





Counting Scales

With a choice of sizes, capacities, readabilities and options, Adam counting scales are able to quickly and accurately count parts, saving time in manufacturing applications, inventory and production control, and reducing waste.

Simple to use, Adam Equipment's counting scales are available with a single display, or with three displays to simultaneously show unit weight, count and total weight. Adam offers dual counting scales, which maximize efficiency by allowing the use of a second auxiliary platform when counting large quantities.

Where to use Adam counting scales:

- Parts counting
- Food
- Inventory
- Packaging
- Plastics
- Production
- Quality control
- Receiving
- Shipping
- Stock control
- Warehouse

Did you know?

Don't forget to register your new scales and balances. Visit www.adamequipment.com/product-registration to sign up.

CBC Bench Counting Scales

Industrial counting and check counting made easy with triple LCD



Features

- Backlit LCD shows weight, unit weight and count in one convenient location
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows swift cleaning
- Heavy-duty rubber feet ensure stability of unit
- Rechargeable battery included for operation almost anywhere
- Auto power-off to save energy
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Preset tare function speeds the process of repetitive weighing

General Specifications

- Weighing units: g, lb, kg
- Interface: RS-232, Optional USB
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Applications

- Parts counting
- Check counting
- Weighing
- Accumulation

Model	Capacity	Readability	Pan Size	Price
CBC 8a	8lb / 4kg	0.0002lb / 0.0001kg	8.9"x10.8" / 225x275mm	\$425.00
CBC 16a	16lb / 8kg	0.0005lb / 0.0002kg	8.9"x10.8" / 225x275mm	\$425.00
CBC 35a	35lb / 16kg	0.001lb / 0.0005kg	8.9"x10.8" / 225x275mm	\$425.00
CBC 70a	70lb / 32kg	0.002lb / 0.001kg	8.9"x10.8" / 225x275mm	\$425.00
CBC 100a	100lb / 48kg	0.005lb / 0.002kg	8.9"x10.8" / 225x275mm	\$425.00
CBC 8a w/USB	8lb / 4kg	0.0002lb / 0.0001kg	8.9"x10.8" / 225x275mm	\$500.00
CBC 16a w/USB	16lb / 8kg	0.0005lb / 0.0002kg	8.9"x10.8" / 225x275mm	\$500.00
CBC 35a w/USB	35lb / 16kg	0.001lb / 0.0005kg	8.9"x10.8" / 225x275mm	\$500.00
CBC 70a w/USB	70lb / 32kg	0.002lb / 0.001kg	8.9"x10.8" / 225x275mm	\$500.00
CBC 100a w/USB	100lb / 48kg	0.005lb / 0.002kg	8.9"x10.8" / 225x275mm	\$500.00



Shipping Weight and Dimensions (wxdxh)

- Weight - 11lb / 5kg, Dim - 15.5"x14.5"x7.5" / 394x368x191mm

Accessories

Item number	Description	Price
30200001	Hard carrying case with lock.....	\$85.00
302205006	In-use wet cover.....	\$20.00
700200057	In-use wet cover (pack of 5).....	\$85.00
700200058	In-use wet cover (pack of 10).....	\$150.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate.....	\$85.00



CBD Bench Counting Scales

Expedite complex, high-volume counting tasks with greater accuracy



Features

- Backlit LCD shows weight, unit weight and count in one convenient location
- 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
- One-hundred product look-up (PLU) memory locations store a range of items for recall as needed
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Programmable for counting to a preset number of parts
- Preset tare function speeds the process of repetitive weighing
- RS-232 interface is available to provide speedy connection to computers and printers
- Optional USB interface simplifies data communication
- Supports connection to platforms with up to four load cells
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy
- Security password control prevents unauthorized access

General Specifications

- Weighing units: kg, lb
- Interface: RS-232, Second scale port, Optional USB
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20m-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Applications

- Weighing
- Parts counting
- Check counting
- Accumulation
- Dual scale operation

Model	Capacity	Readability	Pan Size	Price
CBD 8a	8lb / 4kg	0.0002lb / 0.1g	8.9"x10.8" / 225x275mm	\$645.00
CBD 16a	16lb / 8kg	0.0005lb / 0.2g	8.9"x10.8" / 225x275mm	\$645.00
CBD 35a	35lb / 16kg	0.001lb / 0.5g	8.9"x10.8" / 225x275mm	\$645.00
CBD 70a	70lb / 32kg	0.002lb / 1g	8.9"x10.8" / 225x275mm	\$645.00
CBD 100a	100lb / 48kg	0.005lb / 2g	8.9"x10.8" / 225x275mm	\$645.00
CBD 8a w/USB	8lb / 4kg	0.0002lb / 0.1g	8.9"x10.8" / 225x275mm	\$720.00
CBD 16a w/USB	16lb / 8kg	0.0005lb / 0.2g	8.9"x10.8" / 225x275mm	\$720.00
CBD 35a w/USB	35lb / 16kg	0.001lb / 0.5g	8.9"x10.8" / 225x275mm	\$720.00
CBD 70a w/USB	70lb / 32kg	0.002lb / 1g	8.9"x10.8" / 225x275mm	\$720.00
CBD 100a w/USB	100lb / 48kg	0.005lb / 2g	8.9"x10.8" / 225x275mm	\$720.00



Shipping Weight and Dimensions (wxdxh)

- Weight - 11lb / 5kg, Dim - 15.5"x14.5"x7.5" / 394x368x191mm

Accessories

Item number	Description	Price
30200001	Hard carrying case with lock.....	\$85.00
302205006	In-use wet cover.....	\$20.00
700200057	In-use wet cover (pack of 5).....	\$85.00
700200058	In-use wet cover (pack of 10).....	\$150.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)...	\$50.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate.....	\$85.00



Connectivity



CBD+ Counting Scales with Remote Platform

A single bundled solution at an unbeatable value for large counting applications



Features

- Backlit LCD shows weight, unit weight and count in one convenient location
- 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
- One-hundred product look up (PLU) memory locations store a range of items for recall as needed
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Programmable for counting to a preset number of parts
- Preset tare function speeds the process of repetitive weighing
- RS-232 interface is available to provide speedy connection to computers and printers
- Optional USB interface simplifies data communication
- Supports connection to platforms with up to four load cells
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy
- Security password control prevents unauthorized access

General Specifications

- Weighing units: kg, lb
- Interface: RS-232, Second scale port, Optional USB
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Applications

- Weighing
- Parts counting
- Check counting
- Accumulation
- Dual scale operation

Model	Capacity	Readability	Pan Size	Price
CBD 8a-70a (GB Platform)	8lb-70Lb / 4kg-32kg	0.0002lb-0.002lb / 0.1g-1g	8.9"x10.8" / 225x275mm 11.8"x15.7" / 300x400mm	\$800.00
CBD 8a-130a (GB Platform)	8lb-130Lb / 4kg-60kg	0.0002lb-0.005lb / 0.1g-2g	8.9"x10.8" / 225x275mm 11.8"x15.7" / 300x400mm	\$800.00
CBD 8a-330a (GF Platform)	8lb-330Lb / 4kg-150kg	0.0002lb-0.02lb / 0.1g-10g	8.9"x10.8" / 225x275mm 15.7"x19.7" / 400x500mm	\$820.00
CBD 35a-130a (GB Platform)	35lb-130Lb / 16kg-60kg	0.001lb-0.005lb / 0.5g-2g	8.9"x10.8" / 225x275mm 11.8"x15.7" / 300x400mm	\$800.00
CBD 35a-330a (GF Platform)	35lb-330Lb / 16kg-150kg	0.001lb-0.02lb / 0.5g-10g	8.9"x10.8" / 225x275mm 11.8"x15.7" / 300x400mm	\$820.00
CBD 35a-1320a (GF Platform)	35lb-1320Lb / 16kg-600kg	0.001lb-0.1lb / 0.5g-50g	8.9"x10.8" / 225x275mm 23.6"x31.5" / 600x500mm	\$1,120.00
CBD 70a-330a (GF Platform)	70lb-330Lb / 32kg-150kg	0.002lb-0.02lb / 1g-10g	8.9"x10.8" / 225x275mm 11.8"x15.7" / 300x400mm	\$820.00
CBD 70a-660a (GF Platform)	70lb-660Lb / 32kg-300kg	0.002lb-0.05lb / 1g-20g	8.9"x10.8" / 225x275mm 11.8"x15.7" / 300x400mm	\$920.00
CBD 70a-1320a (GF Platform)	70lb-1320Lb / 32kg-600kg	0.002lb-0.1lb / 1g-50g	8.9"x10.8" / 225x275mm 23.6"x31.5" / 600x500mm	\$1,120.00

CBD Shipping Weight and Dimensions (wxdxh)

- Weight - 11lb / 5kg,
Dim - 15.7"x14.2"x7.5" / 400x360x190mm



GB Shipping Weight and Dimensions (wxdxh)

- GB 35a: Weight - 20lb / 9kg,
Dim - 14.8"x30.5"x6.3" / 375x775x160mm

GF Shipping Weight and Dimensions (wxdxh)

- Weight - 31lb / 14kg,
Dim - 18"x36"x8.3" / 457x914x229mm

Accessories

Item number	Description	Price
302000001	Hard carrying case with lock.....	\$85.00
302205006	In-use wet cover.....	\$20.00
700200057	In-use wet cover (pack of 5).....	\$85.00
700200058	In-use wet cover (pack of 10).....	\$150.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer.....	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate.....	\$85.00



GBC Bench Counting Scales

Exceptional durability for industrial counting needs



Features

- Backlit LCD shows weight, unit weight and count in one convenient location
- Programmable backlight can be set to “always on,” “always off” or “light only when weighing”
- Remote display can be placed anywhere near the base unit for convenient viewing
- Rugged construction stands up to industrial use
- Large, grade 304 stainless steel pan allows swift cleaning
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- RS-232 interface is available to provide speedy connection to computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Audible overload alarm warns when capacity is exceeded
- Internal counting resolution 1:600,000 for precise results
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Preset tare function speeds the process of repetitive weighing
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

General Specifications

- Weighing units: kg, lb
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm -high digits
- Calibration: External calibration
- Housing: ABS plastic indicator with die-cast aluminum base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity	Readability	Pan Size	Price
GBC 35a	35lb / 16kg	0.001lb / 0.5g	11.8"x15.7" / 300x400mm	\$555.00
GBC 70a	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$595.00
GBC 130a	130lb / 60kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$595.00
GBC 35a w/USB	35lb / 16kg	0.001lb / 0.5g	11.8"x15.7" / 300x400mm	\$630.00
GBC 70a w/USB	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$670.00
GBC 130a w/USB	130lb / 60kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$670.00



Applications

- Weighing
- Parts counting
- Check counting

Shipping Weight and Dimensions (wxdxh)

- Weight - 29lb / 13kg, Dim - 27.5"x15.5"x7.5" / 699x394x191mm



No Pillar

Accessories

Item number	Description	Price
3052010526	In-use wet cover.....	\$20.00
3074010266	RS-232 cable (null-modem).....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660290	Calibration certificate	\$85.00



GFC Floor Counting Scales

A sturdy, powerful asset when counting large items



Features

- Backlit LCD shows weight, unit weight and count in one convenient location
- Programmable backlight can be set to “always on,” “always off” or “light only when weighing”
- Remote display can be placed anywhere near the base unit for convenient viewing
- Rugged construction stands up to industrial use
- Large, grade 304 stainless steel pan allows swift cleaning
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- RS-232 interface is available to provide speedy connection to computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Audible overload alarm warns when capacity is exceeded
- Internal counting resolution 1:600,000 for precise results
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Preset tare function speeds the process of repetitive weighing
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

General Specifications

- Weighing units: kg, lb
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity	Readability	Pan Size	Price
GFC 165a w/USB	165lb / 75kg	0.01lb / 5g	15.7"x19.7" / 400x500mm	\$695.00
GFC 330a w/USB	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$695.00
GFC 660a w/USB	660lb / 300kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$795.00
GFC 165a w/USB	165lb / 75kg	0.01lb / 5g	15.7"x19.7" / 400x500mm	\$770.00
GFC 330a w/USB	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$770.00
GFC 660a w/USB	660lb / 300kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$870.00



Applications

- Weighing
- Parts counting
- Check counting

Weight and Dimensions

- 40lb / 18kg, Dim - 30.5"x19"x7.5" / 775x483x191mm



Accessories

Item number	Description	Price
3052010526	In-use wet cover	\$20.00
3074010266	RS-232 cable (null-modem)	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program	\$95.00
700660290	Calibration certificate	\$85.00





Washdown Scales

Adam Equipment offers a broad selection of durable, IP66-rated washdown scales for all types of weighing tasks. All washdown scales can be thoroughly hosed down or washed with a pressure washer. This allows removal of residual particles after weighing, which minimizes the possibility of cross-contamination, removes dirt build-up and helps eliminate the growth of bacteria, mold or other toxins. Ideal for use in food and pharmaceutical production, Adam washdown scales are well-suited for any application needing a sealed scale for wet or dusty environments.

Where to use Adam washdown scales:

- Agriculture
- Chemicals
- Filling
- Food
- Pharmaceuticals
- Production
- Quality control

Did you know?

Adam Equipment Inc. and its distributors are part of a worldwide network. Adam is headquartered in Milton Keynes, United Kingdom and has offices in Oxford, Connecticut, United States; Johannesburg, South Africa; Shanghai, China; Perth, Australia; and Felde, Germany.

WBW Washdown Scales

IP66-rated compact scale with color indicators to speed up checkweighing



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- Optional rear display doubles equipment placement possibilities for easy viewing
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Checkweighing LEDs light to clearly show under, over and acceptable limits
- IP66-rated for protection against water and dust
- Sealed keypad protects against dirt and spills
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Heavy-duty rubber feet ensure stability of unit
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Programmable auto power-off to save energy

General Specifications

- Weighing units: g, kg, lb, lb:oz
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

Applications

- Weighing
- Checkweighing

Model	Capacity	Readability	Pan Size	Price
WBW 5a	5lb / 2kg	0.0005lb / 0.2g	8.3"x6.8" / 210x173mm	\$305.00
WBW 9a	9lb / 4kg	0.001lb / 0.5g	8.3"x6.8" / 210x173mm	\$305.00
WBW 18a	18lb / 8kg	0.002lb / 1g	8.3"x6.8" / 210x173mm	\$305.00
WBW 35a	35lb / 16kg	0.005lb / 2g	8.3"x6.8" / 210x173mm	\$305.00

NTEP/Measurement Canada Approved

Model	Capacity	Readability	Pan Size	Price
WBW 6aM	6lb / 3kg	0.002lb / 1g	8.3"x6.8" / 210x173mm	\$325.00
WBW 15aM	15lb / 6kg	0.005lb / 2g	8.3"x6.8" / 210x173mm	\$325.00
WBW 30aM	30lb / 15kg	0.01lb / 5g	8.3"x6.8" / 210x173mm	\$325.00



Shipping Weight and Dimensions (wxdxh)

- Weight - 9lb / 4kg, Dim - 14"x11.5"x9" / 356x292x229mm

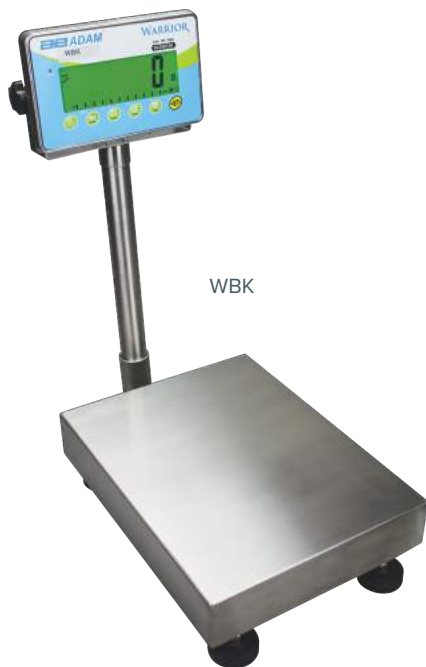
Accessories

Item number	Description	Price
303209190	In-use wet cover	\$20.00
303200002	In-use wet cover (pack of 10)	\$150.00
303200003	In-use wet cover (pack of 20)	\$280.00
700660290	Calibration certificate	\$85.00



Warrior® Washdown Scales

Strength and performance for a variety of applications in industrial washdown settings



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
- IP66-rated for protection against water and dust
- Sealed keypad protects against dirt and spills
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Checkweighing LEDs light to clearly show under, over and acceptable limits
- Rugged stainless steel construction for ultimate durability
- Heavy-duty rubber feet ensure stability of unit
- Large, grade 304 stainless steel pan allows swift cleaning
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Programmable auto power-off to save energy
- Optional RS-232 interface is available to provide speedy connection to computers and printers

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz, N
- Interface: Optional RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 40mm-high digits
- Calibration: External calibration
- Housing: Stainless steel
- Operating Temperature: -10° to 40°C / 14° to 104°F

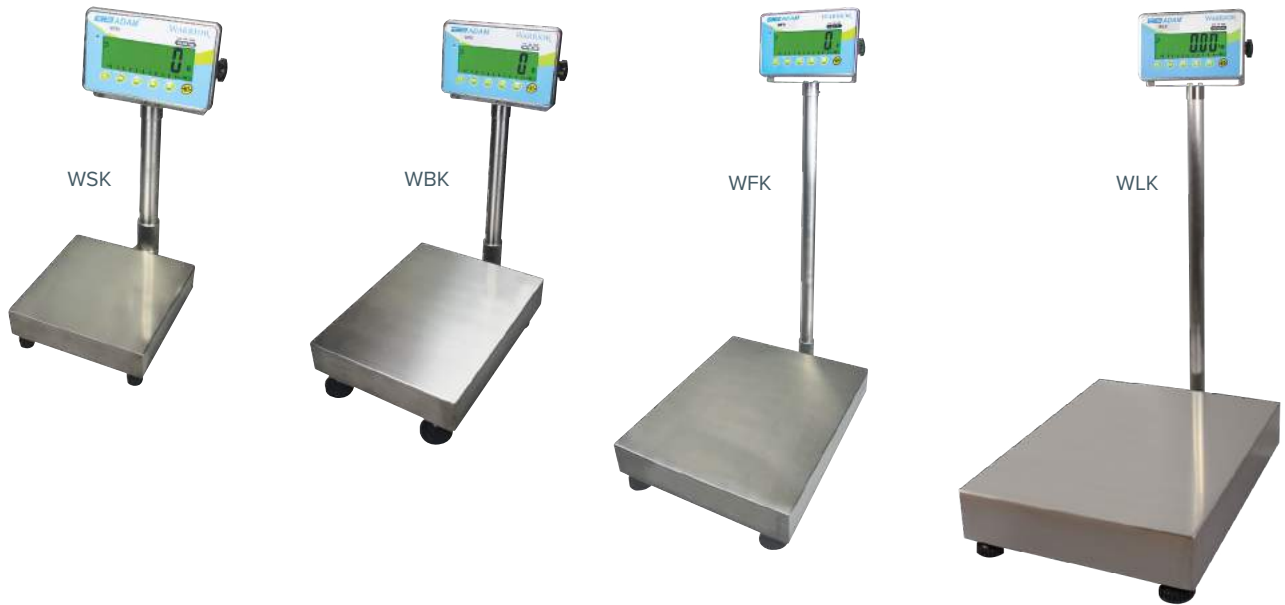
Applications

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

Shipping Weight and Dimensions (wxdxh)

- WSK: Weight - 16lb / 7.25kg, Dim - 23.7"x12"x7.5" / 603x305x191mm
- WBK: Weight - 28lb / 12.5kg, Dim - 29.5"x13.5"x8" / 750x343x203mm
- WFK: Weight - 33lb / 14.75kg, Dim - 34.5"x18.1"x7.8" / 876x460x198mm
- WLK: Weight - 48lb / 21.75kg, Dim - 35"x20"x9.8" / 889x508x248mm





Model	Capacity	Readability	Pan Size	Price
WSK 16a	16lb / 8kg	0.001lb / 0.5g	9.8"x9.8" / 250x250mm	\$875.00
WSK 35a	35lb / 16kg	0.002lb / 1g	9.8"x9.8" / 250x250mm	\$875.00
WSK 70a	70lb / 32kg	0.005lb / 2g	9.8"x9.8" / 250x250mm	\$875.00
WBK 70aH	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$1,125.00
WBK 70a	70lb / 32kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$975.00
WBK 165a	165lb / 75kg	0.01lb / 5g	11.8"x15.7" / 300x400mm	\$975.00
WFK 165aH	165lb / 75kg	0.002lb / 1g	15.7"x19.7" / 400x500mm	\$1,475.00
WFK 165a	165lb / 75kg	0.01lb / 5g	15.7"x19.7" / 400x500mm	\$1,325.00
WFK 330a	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$1,325.00
WLK 330a	330lb / 150kg	0.02lb / 0.01kg	17.7"x23.6" / 450x600mm	\$1,525.00



Accessories

Item number	Description	Price
3102311619	In-use wet cover	\$20.00
3004013214	Light tower and relay kit.....	\$760.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
3134012941	RS-232 Cable to ATP Printer 1.5m (factory fitted)	\$115.00
3134012936	RS-232 Cable to 9pin D connector 1.5m (factory fitted)	\$115.00
1100011297	AE402 relay box.....	\$185.00
600002028	AdamDU data collection program	\$95.00
700660290	Calibration certificate	\$85.00



Retail Scales

With large backlit displays that show weight, price per unit, and total cost, the scales speed the entire process by simultaneously showing information to customer and operator. Adam's retail scales offer stainless steel pans that withstand frequent cleaning required in tasks such as weighing meat and cheese at the deli or measuring frozen yogurt at the shop. Ideal for farmers' markets or roadside produce stands, they are powered with AC adapter or battery, so they can operate when electricity isn't available.

Where to use Adam retail scales:

- Food counters
- Markets
- Price computing
- Agriculture

Did you know?

Many countries require the use of approved scales when goods are sold by weight. In addition to NTEP and Measurement Canada approvals, some of Adam's scales and balances have received OIML, EC-Type, NMI, and NRCS approvals for use in other parts of the world.

WBZ Washdown Retail Scales

Portable, durable IP66-rated scale for price computing in retail locations



Features

- Backlit LCD shows weight, unit price and total price, to provide all key information simultaneously
- Rear display on back of the scale lets customers see key data
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- IP66-rated for protection against water and dust
- Sealed keypad protects against dirt and spills
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Preset tare function speeds the process of repetitive weighing
- Price displayed in choice of available currencies
- Switchable between price per kg and price per 100g or price per lb
- Selectable auto-clear function enables the last item to be reset each time the scale returns to zero
- Security password control prevents unauthorized access
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Programmable auto power-off to save energy

General Specifications

- Weighing units: kg or lb*
- Power Supply: 12VDC 800mA adapter
- Display: Backlit LCD with 16mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

NTEP/Measurement Canada Approved

Model	Capacity	Readability	Pan Size	Price
WBZ 6aM	6lb / 3kg	0.002lb / 1g	8.3"x6.8" / 210x173mm	\$355.00
WBZ 15aM	15lb / 6kg	0.005lb / 2g	8.3"x6.8" / 210x173mm	\$355.00
WBZ 30aM	30lb / 15kg	0.01lb / 5g	8.3"x6.8" / 210x173mm	\$355.00



Applications

- Weighing
- Price computing

Shipping Weight and Dimensions (wxdxh)

- Weight - 9lb / 4kg, Dim - 14"x11.5"x9" / 356x292x229mm



Rear Display

Accessories

Item number	Description	Price
303209190	In-use wet cover	\$20.00
303200002	In-use wet cover (pack of 10)	\$150.00
303200003	In-use wet cover (pack of 20)	\$280.00
700660290	Calibration certificate	\$85.00

*One weighing unit (either pounds or kilograms) is programmed on the scale prior to purchase. If the weighing unit needs to be switched later, the conversion must be performed by technicians in an Adam Equipment facility.



Raven® Price Computing Retail Scales

Price computing and weighing functions with 40 PLU memory locations



Features

- Backlit LCD shows weight, unit price and total price, to provide all key information simultaneously
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Sealed keypad protects against dirt and spills
- Large, grade 304 stainless steel pan allows swift cleaning
- Lightweight design simplifies transport and portability
- Solid ABS housing is durable for industrial uses
- Rechargeable battery included for operation almost anywhere
- Product look up (PLU) memory locations store a range of items for recall
- Quick and easy configuration using the keypad

General Specifications

- Weighing units: lb
- Power Supply: 12VDC 1A adapter / Internal rechargeable battery
- Display: Backlit LCD with 18mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

NTEP/Measurement Canada Approved

Model	Capacity	Readability	Pan Size	Price
RAV 6Da	3lb / 6lb	0.001lb / 0.002lb	8.7"x12.2" / 220x310mm	\$325.00
RAV 15Da	6lb / 15lb	0.002lb / 0.005lb	8.7"x12.2" / 220x310mm	\$325.00
RAV 30Da	15lb / 30lb	0.005lb / 0.01lb	8.7"x12.2" / 220x310mm	\$325.00
RAV 60Da	30lb / 60lb	0.01lb / 0.02lb	8.7"x12.2" / 220x310mm	\$325.00



Applications

- Weighing
- Price computing

Shipping Weight and Dimensions (wxdxh)

- Weight - 9lb / 4.20kg, Dim - 15"x15"x5.9" / 380x380x150mm



Rear Display

Accessories

Item number	Description	Price
700230020	In-use wet cover	\$20.00
700230021	In-use wet cover (pack of 5)	\$85.00
700230022	In-use wet cover (pack of 10)	\$150.00
303149761	Fish Scoop (complete with fitting to scales).....	\$115.00
303149759	Vegetable Scoop (complete with fitting to scales).....	\$115.00
303149760	Confectionery Scoop (complete with fitting to scales).....	\$115.00
700660290	Calibration certificate	\$85.00





Crane Scales

For use on land or at sea, Adam Equipment's robust suspension scales can safely weigh large, suspended items. Designed for heavy, bulky loads, crane scales are used in many industrial settings. During manufacturing, they weigh incoming raw materials or other items that need to be suspended during processing, such as hot, molten metals. In shipping environments, Adam's crane scales are used to weigh cargo during loading or to measure equipment that cannot be placed on a platform scale.

Where to use Adam crane scales:

- Agriculture
- Animal weighing
- Inventory
- Livestock
- Metals
- Production
- Receiving
- Shipping
- Stock control
- Warehouse

Did you know?

Misplace your product manual? No worries! Manuals for all of our products are available at www.adamequipment.com/manuals. Manuals are available in multiple languages.

SHS Crane Scales

Easily weigh oversized, suspended items



Features

- Bright LED display for easy viewing in most environments
- Rotating hook allows easy access while loading, then safely locks in place during weighing
- Remote control allows safe, hands-free operation
- Rugged construction stands up to industrial use
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

General Specifications

- Weighing units: kg, lb
- Power Supply: AC adapter / 4 x AA batteries / Internal rechargeable battery
- Display: LED with 15mm-high digits
- Calibration: External calibration
- Housing: Polycarbonate
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Price
SHS 100a	100lb / 50kg	0.02lb / 0.01kg	\$455.00
SHS 300a	300lb / 150kg	0.05lb / 0.02kg	\$465.00
SHS 600a	600lb / 300kg	0.1lb / 0.05kg	\$475.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 6lb / 2.5kg, Dim - 16"x12"x10" / 406x305x254mm



Remote Included

Accessories

Item number	Description	Price
700660290	Calibration certificate	\$85.00

Adam Equipment Co. Ltd., its directors, staff, owners and affiliated companies and organizations cannot be held liable for any resulting damage or injury sustained as a result of the machines being used in excess of their capacities and ultimate overload limits.



LHS Crane Scales

For industrial weighing, LHS delivers durability in a hanging scale



Features

- Bright LED display for easy viewing in most environments
- Rotating hook allows easy access while loading, then safely locks in place during weighing
- Rugged construction stands up to industrial use
- Robust metal housing protects internal components in harsh environments
- Remote control allows safe, hands-free operation
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

General Specifications

- Weighing units: kg, lb
- Power Supply: AC adapter / Internal rechargeable battery
- Display: LED with 25mm-high digits
- Calibration: External calibration
- Housing: Die-cast aluminum
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Price
LHS 1000a	1000lb / 500kg	0.2lb / 0.1kg	\$575.00
LHS 3000a	3000lb / 1500kg	0.5lb / 0.2kg	\$625.00
LHS 4000a	4000lb / 2000kg	1lb / 0.5kg	\$845.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 13lb / 6kg, Dim - 18"x14"x7.5" / 457x356x191mm



Remote Included

Accessories

Item number	Description	Price
700660288	Calibration certificate	\$125.00

Adam Equipment Co. Ltd., its directors, staff, owners and affiliated companies and organizations cannot be held liable for any resulting damage or injury sustained as a result of the machines being used in excess of their capacities and ultimate overload limits.



IHS Crane Scales

When strength and safety are essential, IHS is the right choice for suspension weighing



Features

- Bright LED display for easy viewing in most environments
- Rotating hook allows easy access while loading, then safely locks in place during weighing
- Sealed keypad protects against dirt and spills
- Remote control allows safe, hands-free operation
- Rugged construction stands up to industrial use
- Robust metal housing protects internal components in harsh environments
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Rechargeable battery included for operation almost anywhere
- Auto power-off to save energy

General Specifications

- Weighing units: kg, lb
- Power Supply: 7.2VDC 2A adapter / Internal rechargeable battery
- Display: LED with 30mm-high digits
- Calibration: External calibration
- Housing: Die-cast aluminum
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Price
IHS 2a	2000lb / 1000kg	0.5lb / 0.2kg	\$1,125.00
IHS 6a	6000lb / 3000kg	1lb / 0.5kg	\$1,225.00
IHS 10a	10000lb / 5000kg	2lb / 1kg	\$1,425.00
IHS 20a	20000lb / 10000kg	5lb / 2kg	\$2,125.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- IHS 2a, 6a, 10a: Weight - 42lb / 19.25kg, Dim - 19.5"x16"x11" / 495x406x279mm
- IHS 20a: Weight - 71lb / 32kg, Dim - 29.5"x15.5"x12" / 749x394x305mm



Remote Included

Accessories

Item number	Description	Price
700660288	Calibration certificate	\$125.00

Adam Equipment Co. Ltd., its directors, staff, owners and affiliated companies and organizations cannot be held liable for any resulting damage or injury sustained as a result of the machines being used in excess of their capacities and ultimate overload limits.





Heavy-Duty Scales

Adam Equipment heavy-duty scales are ideal for weighing large boxes, shipping crates, pallets, heavy luggage and other oversized items. The range of platform, pallet and drum scales is designed for demanding, heavy-duty weighing in factories, shipping and receiving departments, warehouses, and loading docks. Fabricated of durable steel, Adam's heavy-duty scales offer stainless steel platforms or diamond-plate surfaces to provide stability and traction.

Where to use Adam's heavy-duty scales:

- Agriculture
- Animal weighing
- Inventory
- Livestock
- Metals
- Production
- Receiving
- Shipping
- Stock control
- Warehouse

Did you know?

Our US office has been in Connecticut since 1998. In November 2015 we moved into our new building, tripling our warehouse and office space.

Quality construction with durable diamond-plate surface



AE402 Indicator
see pg. 53



GK Indicator
see pg. 54

General Specifications

- Housing: Mild steel base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Applications

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

Shipping Weight and Dimensions (wx dxh)

- Weight - 179lb / 81kg,
Dim - 48"x48.4"x3.9" / 1220x1230x100mm



Accessories

Item number	Description	Price
700100200	Mild Steel Ramp - PT 12R 1200mm wide.....	\$275.00
700100201	Mild Steel Ramp - PT 15R 1500mm wide.....	\$275.00
700100199	Mild Steel Ramp - PT 10R 1000mm wide.....	\$275.00
700660289	Calibration certificate	\$145.00

Features

- Rugged construction stands up to industrial use
- Diamond-plate surface for added grip
- Approximately three-meter/10-foot shielded cable
- Optional ramps facilitate loading and unloading
- Can be used with any Adam indicators

Model	Capacity	Readability	Pan Size	Price
PT 110	2500lb / 1000kg	0.5lb / 0.2kg	39.4"x39.4" / 1000x1000mm	\$750.00
PT 310-5	5000lb / 3000kg	1lb / 0.5kg	39.4"x39.4" / 1000x1000mm	\$750.00
PT 310-10	10000lb / 4500kg	2lb / 1kg	39.4"x39.4" / 1000x1000mm	\$750.00
PT 112	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$900.00
PT 312-5	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$900.00
PT 312-10	10000lb / 4500kg	2lb / 1kg	47.2"x47.2" / 1200x1200mm	\$900.00
PT 115	2500lb / 1000kg	0.5lb / 0.2kg	59.1"x59.1" / 1500x1500mm	\$1,100.00
PT 315-5	5000lb / 3000kg	1lb / 0.5kg	59.1"x59.1" / 1500x1500mm	\$1,100.00
PT 315-10	10000lb / 4500kg	2lb / 1kg	59.1"x59.1" / 1500x1500mm	\$1,100.00
PT 110 [GK]	2500lb / 1000kg	0.5lb / 0.2kg	39.4"x39.4" / 1000x1000mm	\$945.00
PT 310-5 [GK]	5000lb / 3000kg	1lb / 0.5kg	39.4"x39.4" / 1000x1000mm	\$945.00
PT 310-10 [GK]	10000lb / 4500kg	2lb / 1kg	39.4"x39.4" / 1000x1000mm	\$945.00
PT 110 [AE402]	2500lb / 1000kg	0.5lb / 0.2kg	39.4"x39.4" / 1000x1000mm	\$975.00
PT 310-5 [AE402]	5000lb / 3000kg	1lb / 0.5kg	39.4"x39.4" / 1000x1000mm	\$975.00
PT 310-10 [AE402]	10000lb / 4500kg	2lb / 1kg	39.4"x39.4" / 1000x1000mm	\$975.00
PT 112 [GK]	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$1,095.00
PT 312-5 [GK]	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$1,095.00
PT 312-10 [GK]	10000lb / 4500kg	2lb / 1kg	47.2"x47.2" / 1200x1200mm	\$1,095.00
PT 112 [AE402]	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$1,125.00
PT 312-5 [AE402]	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$1,125.00
PT 312-10 [AE402]	10000lb / 4500kg	2lb / 1kg	47.2"x47.2" / 1200x1200mm	\$1,125.00
PT 115 [GK]	2500lb / 1000kg	0.5lb / 0.2kg	59.1"x59.1" / 1500x1500mm	\$1,295.00
PT 315-5 [GK]	5000lb / 3000kg	1lb / 0.5kg	59.1"x59.1" / 1500x1500mm	\$1,295.00
PT 315-10 [GK]	10000lb / 4500kg	2lb / 1kg	59.1"x59.1" / 1500x1500mm	\$1,295.00
PT 115 [AE402]	2500lb / 1000kg	0.5lb / 0.2kg	59.1"x59.1" / 1500x1500mm	\$1,325.00
PT 315-5 [AE402]	5000lb / 3000kg	1lb / 0.5kg	59.1"x59.1" / 1500x1500mm	\$1,325.00
PT 315-10 [AE402]	10000lb / 4500kg	2lb / 1kg	59.1"x59.1" / 1500x1500mm	\$1,325.00

NTEP Approved

Model	Capacity	Readability	Pan Size	Price
PT 112M	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$1,050.00
PT 112M [GKaM]	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$1,285.00
PT 312-5M	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$1,050.00
PT 312-5M [GKaM]	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$1,285.00

Indicators included where listed



PT Stainless Steel Platforms **NEW**

IP66-rated platform ideal for washdown environments



Features

- IP66 rating means protection against water and dust
- Rugged stainless steel construction for ultimate durability
- Approximately three-meter/10-foot shielded cable
- Heavy-duty rubber feet ensure stability of unit



AE402 Indicator
see pg. 53

General Specifications

- Housing: Stainless steel
- Operating Temperature: -10° to 40°C / 14° to 104°F

Applications

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

Shipping Weight and Dimensions (wxdxh)



- PT 110S: Net Weight- 136.6lb / 62kg, Dim.- 39.4"x39.4"x4.3" / 1000x1000x110mm
- PT 112S, 312-5S, 312-10S: Net Weight- 174.1lb / 79kg, Dim.- 47.2"x47.2"x4.3" / 1200x1200x110mm
- PT 115S, 315-5S, 315-10S: Net Weight- 244.6lb / 111kg, Dim.- 59.1"x59.1"x4.3" / 1500x1500x110mm

Model	Capacity	Readability	Pan Size	Price
PT 110S	2500lb / 1000kg	0.5lb / 0.2kg	39.4"x39.4" / 1000x1000mm	\$1,900.00
PT 310-5S	5000lb / 3000kg	1lb / 0.5kg	39.4"x39.4" / 1000x1000mm	\$1,900.00
PT 310-10S	10000lb / 4500kg	2lb / 1kg	39.4"x39.4" / 1000x1000mm	\$1,900.00
PT 112S	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$2,275.00
PT 312-5S	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$2,275.00
PT 312-10S	10000lb / 4500kg	2lb / 1kg	47.2"x47.2" / 1200x1200mm	\$2,275.00
PT 115S	2500lb / 1000kg	0.5lb / 0.2kg	59.1"x59.1" / 1500x1500mm	\$2,675.00
PT 315-5S	5000lb / 3000kg	1lb / 0.5kg	59.1"x59.1" / 1500x1500mm	\$2,675.00
PT 315-10S	10000lb / 4500kg	2lb / 1kg	59.1"x59.1" / 1500x1500mm	\$2,675.00
PT 310-5S [AE402]	5000lb / 3000kg	1lb / 0.5kg	39.4"x39.4" / 1000x1000mm	\$2,125.00
PT 310-10S [AE402]	10000lb / 4500kg	2lb / 1kg	39.4"x39.4" / 1000x1000mm	\$2,125.00
PT 312-5S [AE402]	5000lb / 3000kg	1lb / 0.5kg	47.2"x47.2" / 1200x1200mm	\$2,500.00
PT 312-10S [AE402]	10000lb / 4500kg	2lb / 1kg	47.2"x47.2" / 1200x1200mm	\$2,500.00
PT 315-5S [AE402]	5000lb / 3000kg	1lb / 0.5kg	59.1"x59.1" / 1500x1500mm	\$2,900.00
PT 315-10S [AE402]	10000lb / 4500kg	2lb / 1kg	59.1"x59.1" / 1500x1500mm	\$2,900.00
PT 112S [AE402]	2500lb / 1000kg	0.5lb / 0.2kg	47.2"x47.2" / 1200x1200mm	\$2,500.00
PT 110S [AE402]	2500lb / 1000kg	0.5lb / 0.2kg	39.4"x39.4" / 1000x1000mm	\$2,125.00
PT 115S [AE402]	2500lb / 1000kg	0.5lb / 0.2kg	59.1"x59.1" / 1500x1500mm	\$2,900.00

Indicators included where listed

Accessories

Item number	Description	Price
700100203	Stainless Steel Ramp - PT 12RS 1200mm wide.....	\$375.00
700100204	Stainless Steel Ramp - PT 15RS 1500mm wide.....	\$375.00
700100202	Stainless Steel Ramp - PT 10RS 1000mm wide.....	\$375.00
700660289	Calibration certificate.....	\$145.00



PTM Drum and Wheelchair Scale

Low-profile base and easy-access ramps for warehouses or medical use

Features

- Rugged construction stands up to industrial use
- Diamond-plate surface for added grip
- Integrated wheels permit easy movement
- Built-in ramps on each side enable easy access
- Heavy-duty rubber feet ensure stability of unit
- Adjustable leveling feet help optimize setup
- Approximately three-meter/10-foot shielded cable
- Can be used with any Adam indicators



AE402 Indicator
see pg. 53



GKa Indicator
see pg. 54

General Specifications

- Housing: Mild steel base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity	Readability	Pan Size	Price
PTM 500	1100lb / 500kg	0.2lb / 0.1kg	29.9"x22.8" / 760x580mm	\$900.00
PTM 500 [AE402]	1100lb / 500kg	0.2lb / 0.1kg	29.9"x22.8" / 760x580mm	\$1,125.00
PTM 500 [GKa]	1100lb / 500kg	0.2lb / 0.1kg	29.9"x22.8" / 760x580mm	\$1,095.00

Indicators included where listed

Applications

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

Shipping Weight and Dimensions (wxdxh)



- Weight - 225lb / 102kg, Dim - 48"x48"x12" / 1220x1220x304mm

Accessories

Item number	Description	Price
3074010266	RS-232 cable (null-modem).....	\$35.00
700400103	RS-232 cable.....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)...	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660288	Calibration certificate.....	\$125.00



PTS Pallet Truck Scale

Expedite warehouse operations and reduce transportation overcharges



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- 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
- Splash-proof housing, keypad and display are easy to clean
- Wheels swivel, allowing easy movement
- Checkweighing with audible alarm
- Checkweighing LEDs clearly show under, over and acceptable limits
- Parts counting with preset sample sizes
- Audible overload alarm warns when capacity is exceeded
- RS-232 interface is available to provide speedy connection to computers and printers
- Selectable auto-clear function enables the last item to be reset each time the scale returns to zero
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Auto power-off to save energy
- Solid non-marring polyurethane wheels

General Specifications

- Weighing units: kg, lb, lb:oz, oz, N
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 40mm-high digits
- Calibration: External calibration
- Housing: Mild steel base
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity	Readability	Pan Size	Price
PTS 5000a [AE402]	5000lb / 2000kg	1lb / 0.5kg	6.3"x47.2" / 160x1200mm	\$1,695.00



Applications

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



Display

Shipping Weight and Dimensions (wxdxh)



- Weight - 344lb / 156kg, Dim - 30"x67"x27" / 762x1702x686mm

Accessories

Item number	Description	Price
3102311619	In-use wet cover.....	\$20.00
700400103	RS-232 cable.....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660289	Calibration certificate.....	\$145.00



AELP Pallet Beams **NEW**

Low-profile beams facilitate safe, secure weighing of loaded pallets



Features

- Low-profile beams allow easy pallet weighing using pallet trucks
- Approximately five-meter/15-foot shielded cable
- Integrated wheels permit easy movement
- Can be used with any Adam indicators
- Two beams per set



AE402 Indicator
see pg. 53



GK Indicator
see pg. 54

General Specifications

- Housing: Mild steel base
- Operating Temperature: -10° to 40°C

Model	Capacity	Readability	Pan Size	Price
AELP 1000	2200lb / 1000kg	0.5lb / 0.2kg	4.7"x49.2" / 120x1250mm	\$900.00
AELP 2000	4400lb / 2000kg	1lb / 0.5kg	4.7"x49.2" / 120x1250mm	\$900.00
AELP 1000 [GKa]	2200lb / 1000kg	0.5lb / 0.2kg	4.7"x49.2" / 120x1250mm	\$1,095.00
AELP 2000 [GKa]	4400lb / 2000kg	1lb / 0.5kg	4.7"x49.2" / 120x1250mm	\$1,095.00
AELP 2000 [AE402]	4400lb / 2000kg	1lb / 0.5kg	4.7"x49.2" / 120x1250mm	\$1,125.00
AELP 1000 [AE402]	2200lb / 1000kg	0.5lb / 0.2kg	4.7"x49.2" / 120x1250mm	\$1,125.00

Indicators included where listed

Applications

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

Shipping Weight and Dimensions (wx dxh) (Beams only)

- Net Weight- 74.9lb / 34kg, Overall Dim.- 4.7"x52.4"x3.3" / 120x1330x85mm (wx dxh)

Accessories

Item number	Description	Price
3052010526	In-use wet cover (GK and GKa).....	\$20.00
3102311619	In-use wet cover (AE402).....	\$20.00
3074010266	RS-232 cable (null-modem).....	\$35.00
700400103	RS-232 cable.....	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00
700660289	Calibration certificate	\$125.00



GB & GF Platforms

Compatible with a variety of indicators, the GB and GF deliver remarkable durability



Features

- Rugged construction stands up to industrial use
- Overload protection helps prevent damage to internal components
- Large, grade 304 stainless steel pan allows swift cleaning
- Can be used with any Adam indicators
- Stainless steel platform for added durability
- Single point load cell and cast-aluminum base is solid for industrial applications
- Easily connect to Adam's CBD counting scale for dual counting operations

Model	Capacity	Readability	Pan Size	Price
GB 35a	35lb / 16kg	0.001lb / 0.5g	11.8"x15.7" / 300x400mm	\$375.00
GB 70a	70lb / 32kg	0.002lb / 1g	11.8"x15.7" / 300x400mm	\$375.00
GB 130a	130lb / 60kg	0.005lb / 2g	11.8"x15.7" / 300x400mm	\$375.00
GB 260a	260lb / 120kg	0.01lb / 5g	11.8"x15.7" / 300x400mm	\$375.00

Model	Capacity	Readability	Pan Size	Price
GF 165a	165lb / 75kg	0.01lb / 5g	15.7"x19.7" / 400x500mm	\$395.00
GF 330a	330lb / 150kg	0.02lb / 0.01kg	15.7"x19.7" / 400x500mm	\$395.00
GF 660a	660lb / 300kg	0.05lb / 0.02kg	15.7"x19.7" / 400x500mm	\$495.00
GF 1320a	1320lb / 600kg	0.1lb / 0.05kg	23.6"x31.5" / 600x800mm	\$695.00

GB Shipping Weight and Dimensions (wxdxh)

- Weight - 18lb / 8kg, Dim - 30"x30.5"x6.3" / 762x775x160mm

GF Shipping Weight and Dimensions (wxdxh)

- Weight - 29lb / 13kg, Dim - 35"x18"x8.5" / 889x457x216mm





Indicators

From general purpose models to IP66-rated washdown versions, Adam's indicators deliver the durability and versatility needed to perform weighing and counting tasks. Adam Equipment indicators can be configured with a number of platforms, allowing you to combine the features, functions, readability and capacity to suit your needs. Adam indicators provide large displays, numeric keypads and colored LEDs to simplify weighing, checkweighing and counting tasks.

Where to use Adam's indicators:

- Warehouse
- Production
- Shipping
- Receiving
- Packaging
- Processing
- Inventory

Did you know?

We continually strive to provide exceptional customer service. Our new website features a live chat function; look for the blue tab on the right side of the page. When it says "online," we are available to answer your questions.

AE 402 Indicator

Multi-function washdown indicator for demanding environments



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
- User-selectable scale division
- IP66-rated for protection against water and dust
- Robust metal housing protects internal components in harsh environments
- Hold function freezes the displayed weight, allowing time to elapse without losing the result
- Checkweighing with audible alarm
- Parts counting with preset sample sizes
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Wall-mount bracket for placing indicator on vertical surface
- RS-232 interface is available to provide speedy connection to computers and printers
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Programmable auto power-off to save energy

General Specifications

- Weighing units: g, kg, lb, lb:oz, oz, N
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 40mm-high digits
- Calibration: External calibration
- Housing: Stainless steel
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity Range	Resolution	Price
AE 402	Selectable	1:80,000	\$260.00



Applications

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

Shipping Weight and Dimensions (wxdxh)

- Weight - 6lb / 2.5kg, Dim - 12"x10"x8" / 305x254x203mm

Accessories

Item number	Description	Price
3102311619	In-use wet cover	\$20.00
3004013214	Light tower and relay kit.....	\$760.00
700400103	RS-232 cable	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)...	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
1100011297	AE402 relay box.....	\$185.00
600002028	AdamDU data collection program.....	\$95.00



Approved indicator for industrial weighing and checkweighing



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- RS-232 interface is available to provide speedy connection to computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Wall-mount bracket for placing indicator on vertical surface
- Checkweighing with audible alarm
- Checkweighing LEDs clearly show under, over and acceptable limits
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Programmable for counting to a preset number of parts
- Preset tare function speeds the process of repetitive weighing
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Programmable capacity and readability for a variety of applications
- Rechargeable battery included for operation almost anywhere



General Specifications

- Weighing units: kg, lb, lb:oz, oz, N
- Interface: RS-232
- Power Supply: Internal rechargeable battery / 12VDC 800mA adapter
- Display: Backlit LCD with capacity tracker with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity Range	Resolution	Price
GKa	Selectable	1:80,000	\$225.00

NTEP/Measurement Canada Approved

Model	Capacity Range	Resolution	Price
GKaM	Selectable	1:7,500	\$265.00



Applications

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

Shipping Weight and Dimensions (wxdxh)

- Weight - 6lb / 2.5kg, Dim - 11.5"x9"x9" / 292x229x229mm

Item number	Description	Price
3052010526	In-use wet cover	\$20.00
305200001	In-use wet cover (pack of 5)	\$85.00
305200002	In-use wet cover (pack of 10)	\$150.00
3074010266	RS-232 cable (null-modem)	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program	\$95.00



GC Counting Indicator

Multiple readouts and programmed function keys streamline counting applications



Features

- Backlit LCD shows weight, unit weight and count in one convenient location
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- RS-232 interface for connection to computers and printers
- Wall-mount bracket for placing indicator on vertical surface
- Solid ABS housing is durable for industrial use
- Internal counting resolution 1:600,000 for precision results
- Audible overload alarm warns when capacity has been exceeded
- Parts counting with freely selectable sample sizes
- Parts counting optimization automatically refines piece weight as parts are added
- Preset tare function speeds the process of repetitive weighing
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Selectable digital filtering helps minimize effects of vibration and disturbances
- Rechargeable battery included for operation almost anywhere

General Specifications

- Weighing units: g, kg, lb
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 20mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: -10° to 40°C / 14° to 104°F

Model	Capacity Range	Resolution	Price
GCa	Selectable	1:80,000	\$325.00



Applications

- Weighing
- Parts counting
- Check counting

Shipping Weight and Dimensions (wxdxh)

- Weight - 7lb / 3kg, Dim - 9.1"x11.8"x8.3" / 230x300x210mm

Item number	Description	Price
3052010526	In-use wet cover	\$20.00
305200001	In-use wet cover (pack of 5)	\$85.00
305200002	In-use wet cover (pack of 10)	\$150.00
3074010266	RS-232 cable (null-modem)	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
600002028	AdamDU data collection program.....	\$95.00





Health and Fitness Scales

Easy to use, Adam's health and fitness scales are suitable for a variety of tasks, including weighing, body mass index (BMI) calculation, ultrasonic and mechanical height assessment and weight control. Portable health and fitness scales are equipped with wheels, allowing the scales to be moved to different locations within the facility. Adam's baby and toddler scales are easy to clean and versatile, offering quick start-up and simple operation.

Where to use Adam's health and fitness scales:

- Physicians' and pediatricians' offices
- Hospitals
- Clinics
- Nursing homes
- Rehab centers
- Medical laboratories
- Schools
- Fitness facilities and gyms

Did you know?

Keep informed about the latest information from Adam by signing up for our newsletter at www.adamequipment.com

MTB Baby and Toddler Scale

Offers flexibility to weigh newborns and toddlers on the same scale



Features

- High-contrast display is easily visible from a distance
- Simple operation allows quick startup and use with little or no training
- Ergonomic cradle provides comfortable support
- Lightweight design simplifies transport and portability
- Operates with AC adapter (included) or batteries (not included)
- Auto power-off to save energy
- Ruler for measuring length of babies
- Memory feature can recall the last weight taken, allowing the user to focus on the child
- Cradle can be removed to weigh toddlers on the non-slip rubber mat

General Specifications

- Weighing units: kg, lb
- Power Supply: 6VDC 500mA adapter / 4 x AA batteries
- Display: LCD with 29mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 10° to 40°C / 50° to 104°F

Model	Capacity	Readability	Pan Size	Price
MTB 20	44lb / 20kg	0.005lb / 5g	11.2"x22" / 285x560mm	\$150.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 9lb / 4kg, Dim - 23.8"x14.8"x7.1" / 604x375x180mm

1
year
warranty

MDW Mechanical Physician Scales

An affordable scale for measuring height and weight



MDW 160M / MDW 200M

Features

- Anti-slip platform ensures safety when stepping on and off the scale
- Integrated wheels permit easy movement
- Height rod facilitates measuring children and adults while weighing
- Height measurements from 60cm to 212cm
- Metal construction for base and pillar
- Integrated wheels permit easy movement (not available on MDW 200M)
- Zero adjustment

General Specifications

- Operating Temperature: 5° to 40°C / 41° to 104°F

Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 42lb / 19.25kg, Dim - 59.1"x20.2"x6.5" / 1500x514x165mm

Mechanical Scale

Model	Capacity	Readability	Pan Size	Price
MDW 160M	350lb / 160kg	0.2lb / 0.1kg	14.8"x10.8" / 375x275mm	\$260.00
MDW 200B*	440lb / 200kg	0.2lb / 0.1kg	14.8"x10.8" / 375x275mm	\$230.00
MDW 200M	440lb / 200kg	0.2lb / 0.1kg	14.8"x10.8" / 375x275mm	\$290.00

* "B" version does not include height rod or wheels.



MDW Digital Physician Scales

Easy-to-operate scale measures height and weight



Features

- Anti-slip platform ensures safety when stepping on and off the scale
- Integrated wheels permit easy movement
- Height rod facilitates measuring children and adults while weighing
- Metal construction for base and pillar
- BMI (body mass index) function available on the MDW 300L
- The MDW 300L offers RS-232 interface for fast communication with printers and computers
- Hold function retains the weight on the display
- Includes AC adapter and rechargeable battery
- Height measurements from 60cm to 212cm
- Integrated wheels permit easy movement (not available on MDW 250L)

General Specifications

- Weighing units: kg, lb
- Power Supply: 12VDC 500mA adapter / Internal rechargeable battery
- Display: LED with 22mm-high digits
- Calibration: External calibration
- Operating Temperature: 5° to 40°C / 41° to 104°F
- Interface: RS-232

Digital Scales

Model	Capacity	Readability	Pan Size	Price
MDW 250L	550lb / 250kg	0.2lb / 0.1kg	10.8"x14.8" / 275x375mm	\$395.00
MDW 300L	660lb / 300kg	0.1lb / 0.05kg	10.8"x14.8" / 275x375mm	\$495.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- MDW 250L: Weight - 31lb / 14.25kg, Dim - 36"x20.5"x7" / 915x520x178mm
- MDW 300L: Weight - 37lb / 16.75kg, Dim - 52"x21"x6.5" / 1320x533x165mm

Accessories

Item number	Description	Price
3014011014	RS-232 cable	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable).....	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper.....	\$14.00
3126011281	ATP thermal printer paper (pack of 10).....	\$90.00
700660290	Calibration certificate	\$85.00



MUW Medical Scales

Elegant ultrasonic scale facilitates height, weight and BMI calculations



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Anti-slip platform ensures safety stepping on and off the scale
- Integrated wheels permit easy movement
- RS-232 interface is available to provide speedy connection to computers and printers
- BMI (body mass index) indicator
- External calibration allows for verification and adjustment with weights
- Rechargeable battery included for operation almost anywhere
- AC adapter included
- Automatic height calculation using ultrasonic sensors for precision measurements
- Printout can include a patient and doctor ID, as well as BMI measurements
- Height reading can be switched from centimeters to inches
- Ultrasonic height measurements from 80cm-210cm

General Specifications

- Weighing units: kg, lb, lb:oz
- Interface: RS-232
- Power Supply: 12VDC 800mA adapter / Internal rechargeable battery
- Display: Backlit LCD with 17mm-high digits
- Calibration: External calibration
- Housing: Mild steel base
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
MUW 300L	660lb / 300kg	0.1lb / 0.05kg	14.8"x14.8" / 375x375mm	\$1,100.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- MUW 300L: Weight - 55lb / 25kg, Dim - 37.2"x30"x6.8" / 946x762x173mm

Accessories

Item number	Description	Price
3014011014	RS-232 cable	\$35.00
3074010507	RS-232 to USB adapter (must order corresponding RS-232 cable)	\$50.00
1120011156	ATP thermal printer	\$335.00
3126011263	ATP thermal printer paper	\$14.00
3126011281	ATP thermal printer paper (pack of 10)	\$90.00
700660290	Calibration certificate.....	\$85.00





Grain Scale

Adam's portable CQT grain scale provides a fast, affordable way to test grain samples for potential yields. Results are shown as a percentage of the initial sample, after the grain has been screened and graded. Its compact design and battery power operation allow use in the field when electricity is not available. The CQT is ideal for testing a variety of grains prior to final inspections.

Did you know?

Our U.S. office is located in the quintessential New England town of Oxford, Connecticut. This office covers a wide geographic region, serving distributors in all 50 states, Canada, and in many Latin American countries.

CQT Grain Scale

Reap the rewards of this dependable, portable agricultural scale



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
- 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
- Security slot for optional Kensington-type lock and cable to help prevent theft
- External calibration allows for verification and adjustment with weights
- Operates with AC adapter (included) or batteries (not included)
- Auto power-off to save energy

General Specifications

- Weighing units: g, kg/hL, lb/bu
- Power Supply: 12VAC 150mA adapter
- Display: Backlit LCD with 18mm-high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 0° to 40°C / 32° to 104°F

Model	Capacity	Readability	Pan Size	Price
CQT 1752GR	1750g	0.05g	4.7" ø / 120mm ø	\$290.00



Applications

- Weighing

Shipping Weight and Dimensions (wxdxh)

- Weight - 4lb / 2kg, Dim - 14"x11.2"x5.5" / 355x285x140mm

Accessories

Item number	Description	Price
308002042	Hard carrying case with lock	\$75.00
308232033	In-use wet cover	\$20.00
308232036	In-use wet cover (pack of 5)	\$85.00
308232037	In-use wet cover (pack of 10).....	\$150.00
700100046	Kensington-type lock and cable	\$28.00
700660290	Calibration certificate.....	\$85.00



Selecting the right scale or balance

Follow these simple steps to determine the right balance or scale for you:

1. Know the **APPLICATION**.

How and where will the balance or scale be used?

Will it be interfaced to other equipment? Some example applications include:

- Research laboratory testing
- Quality assurance testing
- Education (high school, university)
- Manufacturing
- Shipping and receiving
- Counting parts
- Construction materials testing (concrete, asphalt)
- Field applications
- Food processing or preparation
- Veterinary or health care

2. How much **READABILITY** is necessary?

Readability is the smallest division a balance or scale can display. Every application has a requirement for the level of precision needed in the results. To ensure accurate measurement, use a product with readability greater than the desired result. For example, if results are needed to the nearest 0.1g, a balance with 0.01g readability is recommended.

3. How much **CAPACITY** is needed?

Capacity is the maximum weight the balance can weigh. When calculating capacity, remember to include the weight of any containers you might use.

4. Which **WEIGHING UNITS** will be needed?

Most balances and scales can display results in different units, such as grams, kilograms, pounds, ounces, and more. Certain applications require specific weighing units. For example, scientific lab applications typically require grams and milligrams, jewelers measure precious metals in pennyweights or troy ounces, and food applications may require ounces.

5. How large does the **PAN/PLATFORM** need to be?

The type of application can dictate the pan size needed. The weighing pan must be large enough to accommodate the items being weighed. The location of the balance or scale also can play a part in selecting a pan size; space restrictions might mean choosing a smaller size.

6. Other Considerations

There may be many other features available that will help determine the best choice.

- Do you have a preference for internal or external calibration?
- Do you need to perform below-balance weighing?
- Will you need a dynamic weighing feature to weigh moving animals?
- Would a USB or RS-232 connection help with collecting or outputting data?
- Is there a need for specific gravity determination?
Some balances perform this calculation automatically.
- Are there any workplace issues that might require lockdown capability for your device?

ASTM Weights

Part Number	Class	Capacity	Price
700100186	ASTM 0	100g	\$180.00
700100188	ASTM 1	200g	\$95.00
700100189	ASTM 1	500g	\$125.00
700100191	ASTM 1	2000g	\$315.00
700100187	ASTM 2	100g	\$65.00
700100190	ASTM 2	1000g	\$125.00
700100194	ASTM 3	50g	\$50.00
700100195	ASTM 3	200g	\$65.00
700100193	ASTM 3	5000g	\$325.00
700100192	ASTM 4	2000g	\$125.00
700100347	ASTM 1	1g	\$70.00
700100348	ASTM 1	2g	\$75.00
700100349	ASTM 1	5g	\$80.00
700100350	ASTM 1	10g	\$85.00
700100351	ASTM 1	50g	\$90.00
700100352	ASTM 1	100g	\$95.00
700100353	ASTM 1	1000g	\$335.00
700100358	ASTM 2	1g	\$60.00
700100359	ASTM 2	2g	\$65.00
700100360	ASTM 2	5g	\$70.00
700100361	ASTM 2	10g	\$75.00
700100362	ASTM 2	50g	\$80.00
700100363	ASTM 2	200g	\$90.00
700100364	ASTM 2	500g	\$115.00
700100365	ASTM 2	2000g	\$375.00
700100366	ASTM 3	1g	\$50.00
700100367	ASTM 3	2g	\$55.00
700100368	ASTM 3	5g	\$60.00
700100369	ASTM 3	10g	\$65.00
700100370	ASTM 3	100g	\$75.00
700100371	ASTM 3	500g	\$105.00
700100372	ASTM 3	1000g	\$195.00
700100373	ASTM 3	2000g	\$315.00
700100374	ASTM 4	10g	\$55.00
700100375	ASTM 4	50g	\$60.00
700100376	ASTM 4	100g	\$65.00
700100377	Class 4	200g	\$70.00
700100378	Class 4	500g	\$95.00
700100379	ASTM 4	1000g	\$175.00
700100380	ASTM 4	5000g	\$495.00
700100381	ASTM 4	10000g	\$1,025.00

ASTM Weight Sets



ASTM Individual Weight



Features

- Stainless steel weights
- Individual weights include plastic case

ASTM Weight Sets

Part Number	Class	Capacity Range	Price
700100354	ASTM 1	1g-200g	\$725.00
700100355	ASTM 1	1g-500g	\$1,155.00
700100357	ASTM 2	1g-200g	\$695.00
700100356	ASTM 2	1g-500g	\$995.00
700100382	ASTM 4	1g-200g	\$495.00
700100383	ASTM 4	1g-500g	\$795.00
700100384	ASTM 4	1g-1kg	\$1,050.00

Weight Tolerances

ASTM E617

Nominal Size	Class 0	Class 1	Class 2	Class 3	Class 4
1g	0.017 mg	0.034 mg	0.054 mg	0.10 mg	0.20 mg
2g	0.017 mg	0.034 mg	0.054 mg	0.13 mg	0.26 mg
5g	0.017 mg	0.034 mg	0.054 mg	0.18 mg	0.36 mg
10g	0.025 mg	0.050 mg	0.074 mg	0.25 mg	0.5 mg
50g	0.060 mg	0.12 mg	0.25 mg	0.60 mg	1.2 mg
100g	0.13g mg	0.25 mg	0.50 mg	1.0 mg	2.0 mg
200g	0.25 mg	0.50 mg	1.0 mg	2.0 mg	4.0 mg
500g	0.60 mg	1.2 mg	2.5 mg	5.0 mg	10 mg
1kg	1.3 mg	2.5 mg	5.0 mg	10 mg	20 mg
2kg	2.5 mg	5.0 mg	10 mg	20 mg	40 mg
5kg	6.0 mg	12 mg	25 mg	50 mg	100 mg
10kg	13 mg	25 mg	50 mg	100 mg	200 mg

Anti-Vibration Table

Sturdy base helps minimize movement and reduce fluctuations in measurement



Features

- Scratch-resistant granite slab
- Two-table construction keeps the granite block in the middle and reduces interference
- Large working surface of 15.7"x17.7" / 400x450mm
- Space at the sides of the vibration slab to rest samples
- Lightweight tubular aluminum frame
- Adjustable leveling feet for uneven surfaces
- Polished finish

Shipping Weight and Dimensions (wxdxh)

- Anti-Vibration Table: Net weight - 187lb / 85kg, Overall Dimensions-21"x46"x48" / 533x1168x1219mm

Part Number	Description	Price
104008036	Anti-vibration table	\$675.00



ATP Printer

Print results quickly and easily



Features

- Thermal printer
- Dimensions: 114 mm x 184 mm x 90 mm
- Print size 24 x 24 dot
- Column size 384 dots per line
- 57.5mm paper width



Part Number	Class	Price
1120011156	ATP Printer	\$335.00
3126011281	ATP Printer Paper (10 Rolls)	\$90.00
3123001263	ATP Printer Paper	\$14.00

ADAM DU Software

Streamlines data collection from multiple laboratory balances



Available as a download
or on a disc.

Features

- Monitor and collect data 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

Part Number	Class	Price
600002028	Adam DU	\$95.00

Light Tower Kit including Relay Box

Optimizes work flow during checkweighing tasks



Features

- Green, orange and red lights indicate if the weight or count is over, under or within range
- LED bulbs offer lower power consumption and last longer than traditional light sources
- 75Mcd or greater for indoor use
- 3.5" high pole and 6' of cord included providing multiple ways to mount the light tower

Part Number	Description	Price
3004013214	Light tower kit including relay box	\$760.00

Selection Guide

Balances

Capacity	Readability									
	0.0001g	0.001g	0.005g	0.02g	0.05g	0.01g	0.1g	0.5g	1g	2g
0-100g	EBL, NBL	PMB								
100-200g	EBL, NBL	HCB, PMB	HCB			CQT	DCT			
200-500g	EBL, NBL	EBL, NBL				HCB	CQT, CB			
500-1000g		EBL, NBL		HCB		HCB	CQT, CB, TBB			
1000-2500g		EBL			HCB	EBL, NBL	CQT, ASC		CQT, DCT	
2500-5000g						EBL, NBL	EBL, NBL, HCB, CQT	ASC	CQT, CB	DCT
5000-10000g						EBL	EBL, NBL, TBB		ASC	
10000-35000g							EBL, NBL			

Weighing Scales

Capacity	Readability									
	0.1g/0.0002lb	0.2g/0.0005lb	0.5g/0.001lb	1g/0.002lb	2g/0.005lb	5g/0.01lb	10g/0.02lb	20g/0.05lb	50g/0.1lb	100g/0.2lb
0 - 5kg	CBK, CBC, CBD		LBK							
5 -10kg	CBK, GBK	CBK, ABK, CBC, CBD		LBK, GBK	CPWplus					
10 - 35kg			CBK, GBK, ABK, CBC, CBD, GBC	CBK, GBK, ABK, CBC, CBD, GBC	LBK, GBK	LBK, CPWplus, GBK	CPWplus			
35 - 50kg					CBK, CBC, CBD					
50 - 100kg				GFK	GBK, ABK, GBC	GFK, AFK, GFC	GBK, GFK	CPWplus		
100 - 200kg					GFK	GBK, ABK	GFK, AFK, GFC	GBK, GFK	CPWplus	
200 - 500kg								GFK, AFK, GFC	GFK	CPWplus
500 - 1000kg									GFK, AFK	

Washdown Scales

Capacity	Readability						
	0.1g/0.0002lb	0.2g/0.0005lb	0.5g/0.001lb	1g/0.002lb	2g/0.005lb	5g/0.01lb	10g/0.02lb
0 - 5kg		WBW	WBW, WSK	WBW-M			
5 -10kg				WBW	WBW-M		
10 - 35kg				WSK, WBK	WSK, WBK	WBW-M	
50 - 100kg				WFK		WBK, WFK	
100 - 200kg							WFK, WLK

Retail Scales

Readability

	0.1g/0.0002lb	0.2g/0.0005lb	0.5g/0.001lb	1g/0.002lb	2g/0.005lb	5g/0.01lb	10g/0.02lb
Capacity 0 - 5kg				WBZ, RAV			
5 - 10kg					WBZ, RAV		
10 - 35kg						WBZ, RAV	RAV

Crane Scales

Readability

	10g/0.02lb	20g/0.05lb	50g/0.1lb	100g/0.2lb	200g/0.5lb	500g/1lb	1000g/2lb	2000g/5lb
Capacity 0 - 100kg	SHS							
100 - 200kg		SHS						
200 - 300kg			SHS					
300 - 500kg				LHS				
500 - 1000kg					IHS			
1000 - 5000kg					LHS	LHS, IHS	IHS	
5000 - 10000kg								IHS

Heavy Duty Scales

Readability

	0.5g/ 0.001lb	1g/ 0.002lb	2g/ 0.005lb	5g/ 0.01lb	10g/ 0.02lb	20g/ 0.05lb	50g/ 0.1lb	100g/ 0.2lb	200g/ 0.5lb	500g/ 1lb	1000g/ 2lb
Capacity 0 - 50kg	GB	GB								GB	GB
50 - 100kg			GB	GF							
100 - 200kg				GB	GF						
200 - 400kg						GF					
400 - 500kg								PTM			
500 - 1000kg							GF		PT, AELP		
1000 - 2500kg										PTS, AELP	
2500 - 5000kg										PT	PT

Health and Fitness Scales

Readability

	5g/0.01lb	50g/0.1lb	100g/0.2lb
Capacity 0 - 50kg	MTB		
50 - 200kg			MDW-M, MDW-D
200 - 300kg		MDW-D, MUW	

Glossary

Accumulation

A weighing function that allows the device to sum a series of weighings.

Accuracy

The degree to which sample weight conforms to a standard (calibration mass). Accuracy is the ability to display a value that matches the ideal value for a known weight. It is a function of repeatability, linearity and off-center loading.

Analytical Balance

A balance that weighs very small quantities in very tiny increments. Usually refers to sub-milligram weighing results.

Animal Weighing

A weighing mode featured on some balances and scales for weighing animals or samples that have fluidity or movement. The balance or scale works out an average weight based on the force exerted by the animal or sample over an extended period of time. Once the internal calculation is completed by the balance, it will hold the value.

See *Dynamic Weighing*.

Auto zero tracking

Display automatically zeros to adjust for slow drift or changing environments.

Balance

A weighing machine. The terms scale and balance are often used interchangeably. Historically a balance was a device that determined mass by balancing an unknown mass against a known mass as with a 2 pan assay balance. In modern weighing machines balances are usually of the design that uses a force restoration mechanism to create a force to balance the force due to the unknown mass.

Below balance weighing

A hook or connection point on the bottom of the balance that suspends items for weighing. Generally used for specific gravity/density applications.

Calibration

A procedure that enables the balance or scale to be reset to a known standard mass.

Calibration mass

A mass that meets certain standards and of a known value that is used to calibrate a balance to ensure accuracy.

Capacity

The maximum weight that can be placed on the scale or balance.

Checkweighing

A function that compares the current weight to a predetermined setting and indicates if the load is below, above, or within an acceptable range.

Check counting

A function that allows you to use the scale to verify the number of pieces counted.

Compact Balance

A small digital balance, usually portable, for basic weighing in classrooms or other settings.

Date

The balances can be programmed to display and print the date on which the weighing operations were carried out.

Density Determination

Using a balance to determine the density of material, either solids or liquids. (Density is a measure of mass per unit volume). If a solid material is used it is weighed in air and then suspended in a liquid and weighed again. The density can be determined either manually or automatically calculated by software in some balances. To determine the density of a liquid a special float of known volume is weighed in air and in the liquid.

Digital filters

Filters can help reduce the influence of draft or vibration, enabling the balance to display a stable reading more quickly.

Dynamic Weighing

A weighing mode featured on some balances and scales for weighing animals or samples that have fluidity or movement. The balance or scale works out an average weight based on the force exerted by the animal or sample over an extended period of time. Once the internal calculation is completed by the balance, it will hold the value. See *Animal Weighing*.

External Calibration

The calibration process of a balance using a known external weight often referred to as suggested calibration weight.

GLP

Good Laboratory Practice or GLP generally refers to a system of management controls for laboratories and research organisations to ensure the consistency and reliability of results. The laboratory balances facilitate GLP Print outs with traceability in terms of date, time, balance ID number, etc.

GLP/GMP printout capability

Program that provides a specific set of information on the balance and the sample weight, conforming to Good Laboratory/Manufacturing Practices.

Indicator

Device on which the weighing or counting results are displayed. The scale or balance can often be programmed for a variety of applications and or weighing units, through the software accessed through indicator.

Internal Calibration

The calibration process using an internal weight available inside the balance for automatic calibration as determined by the user: upon temperature changes, at periodic time intervals, or when desired by the user.

Ingress Protection (IP) Rating

The IP rating is defined in international standards IEC 60529 and is a rating for the protection from outside objects like dust and water. In basic terms it certifies that the scale or balance is washdown or if it can be used in a wet environment.

Linearity

The ability of a scale or balance to show the correct value throughout the weighing range. Usually tested by placing known weights on the balance from near zero to full capacity.

Mass

Mass is a physical property of a material. The mass gives a material weight when gravity pulls the material toward earth. The units of mass are gram and kilogram. The terms mass and weight are often used interchangeably.

Moisture Analyzer/Moisture Balance

A weighing device that is used to weigh samples before and after drying, to determine the appropriate ingredients, correct water level, or product shelf life, among other things. Often used in product development in a wide variety of industries, as well as in sewage disposal, waste water disposal, etc.

Moisture determination

Balance function that calculates moisture percentage by comparing an initial sample weight to the same sample's weight after drying.

Net weight

Weight of the load on the pan minus the container (tare) weight.

Net total formulation

Balance function that automatically adds the individual weights of several components and displays the total.

Off Center Loading

The ability to display the same value when a weight is placed anywhere on the weighing platform. Tested by weighing in the center of four quadrants on the platform. Also called eccentric loading or shift test.

Parts Counting

A weighing application that uses a scale to determine the number of parts of the same mass, placed on the platform, based upon the average piece weight (representative sample). The piece weight is either entered by the user or determined by weighing a sample on the scale.

Percentage Weighing

Using a balance to determine the weight of an item as a percentage of a reference weight. Weighing application that uses a preset reference weight to equal 100 percent — the balance displays the sample weight in a percentage, relative to the reference value.

Precision Balance

A balance used to weigh quantities to a very precise number, usually up to 1 milligram. Precision balances come in a wide variety of capacities and pan sizes.

Readability

How well a scale displays the correct results. Readability is the value of the finest division of the scale.

Repeatability

The degree of agreement between repeated measurements of the same mass on the same balance, under the same conditions.

Resolution

The total number of scale divisions available in that device. See also: *Accuracy, increment, readability.*

RS-232

A method of sending data over wires. Often used to communicate between balances and printers or computers. Some scales and balances capable of data communication use RS-232 cables to connect to peripheral devices.

Scale

A weighing machine. The terms scale and balance are often used interchangeably. Historically a scale was a device that displayed weight by measuring a deflection, such as a spring scale. In modern weighing machines scales are usually using springs. Weighing devices with strain gauge load cells are sometimes referred to as scales. See also *Balance.*

Security bracket

A bracket integrated with the balance to physically lock the balance to secure it from theft or re-location.

Specific Gravity

Specific Gravity is a dimensionless quantity. It is the ratio of density of a substance to the density of reference substance (water, air, alcohol, etc.). See *Density Determination.*

Stability

The point at which results do not change after a weight has been added to the platform.

Stability indicator

A feature or symbol on the display that shows when the balance has determined the value displayed will no longer change.

Strain Gauge Load Cells

A method to determine mass using a mechanical component that is deflected by the addition of an unknown mass. The amount of deflection is measured by resistive elements (strain gauges) mounted on the mechanical component.

Tare

To set a display to show zero weight. This is used to remove the weight of any packing or containers so that only the weight of the material within the container is shown. The Tare value is subtracted from the remaining weight added to a scale. For example if a scale has capacity of 500g and then 200g is tared, the remaining capacity is 300g. Zero is frequently used interchangeably with 'tare'.

Tare weight

The weight of a container or package that should not be taken into account when weighing a sample.

Time

The balances can be programmed to display and print the time at which the weighing operations were carried out.

Totalization

The ability of a balance to store the total weight from a number of weighings.

Weighing

To find the weight (mass) of an unknown against a standard known mass.

Weighing unit

The unit measure that a balance can be set to display for the weight of an unknown mass such as Grams, Kilograms, Milligrams, Pounds, Ounces, Carats, Grains, Newtons, etc.

Weight

The weight of an object is the result of gravity pulling a mass toward earth. When a balance has been calibrated using a known mass then any unknown mass placed upon the scale will have a weight proportional to the known mass. A weight can also be any mass that is used, for example to put a weight on the scale.

Zero

To set the display to show zero weight. Used to reset the zero condition of a scale when small amounts of material are on the platform. Zero does not take away from the capacity of a scale. However it will only work in a very small range around the original zero condition for the scale. Zero and Tare are often combined on one key, the terms are often used interchangeably.

**Adam Equipment Inc**

1 Fox Hollow Road, Oxford CT, 06478, U.S.A
Phone: 203-790-4774
Fax: 203-792-3406
E-mail: sales@adamequipment.com

United Kingdom

Maidstone Road, Kingston, Milton Keynes, MK10 0BD. U.K
Phone: +44 (0)1908 274545
Fax: +44 (0)1908 641339
E-mail: sales@adamequipment.co.uk

Australia

2/71 Tacoma Circuit, Canning Vale 6155, Perth,
Western Australia
Phone: +61 (0) 8 6461 6236
Fax: +61 (0) 8 9456 4462
E-mail: sales@adamequipment.com.au

South Africa

7 Megawatt Road, Spartan EXT 22 Kempton Park,
Johannesburg, Republic of South Africa
Phone: +27 (0)11 9749745
Fax: +27 (0)11 3922587
E-mail: sales@adamequipment.co.za

Germany

Instenkamp 4, 24242 Felde, Deutschland
Phone: +49- (0) 4340-40300-0
Fax: +49- (0) 4340-40300-20
E-mail: vertrieb@aeadam.de

China (Shanghai)

Hengfeng RD.218, Xiandai Jiaotong Building Room 708,
Shanghai, P.R China
Phone: + 86 (21) 5180 1901
Fax: + 86 (21) 5180 1907
E-mail: sales@adamequipment.com.cn

www.adamequipment.com

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