

EEADAM[®]
PERFECT BALANCE
Speed, Performance, Value



2009 Education Catalog



Dune Compact Balances

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

Dune has the features students and teachers need for quick and easy weighing. With its advanced overload protection to prevent damage to internal components, splash-proof keypad, and sturdy plastic construction throughout, Dune delivers reliable readings in the classroom or in the field. Simple to use with only 3 buttons; on/off, unit, and tare, the positive push button feel provides trouble free operation, and weighing units can be easily changed between grams, ounces and pounds. And its low profile design makes Dune easy to store between sessions. Use either the included AC adapter or 6 x AA batteries. An auto-off function saves battery life and helps reduce power consumption.

**1 Year
Warranty**

Model	DCT 201	DCT 2000	DCT 5000
Capacity	200g	2000g	5000g
Readability	0.1g	1g	2g
Repeatability	0.1g	1g	2g
Pan Size	145 x 145mm / 5.8" x 5.8"		
Units of Measure	g, oz	g, oz, lb	
Power Supply	12VAC adapter or six AA batteries (adapter supplied as standard)		
Calibration	Automatic external calibration from keypad		
Display	LCD, 15mm digit height / 0.6"		
Overall Dimensions	147 x 208 x 40mm (WxDxH) / 5.75" x 8.25" x 1.6"		
Price	\$ 75	\$ 75	\$ 75

AC ADAPTER

AC adapter included. Also has battery operation for portability.

COLOR CODED

Color coded tare key for quick recognition.

REMOVABLE PAN

Removable top pan for easy clean ups.

Features

- Battery and AC operation (AC adapter included)
- Low battery indicator
- Auto-power off
- Overload indicator
- Durable construction

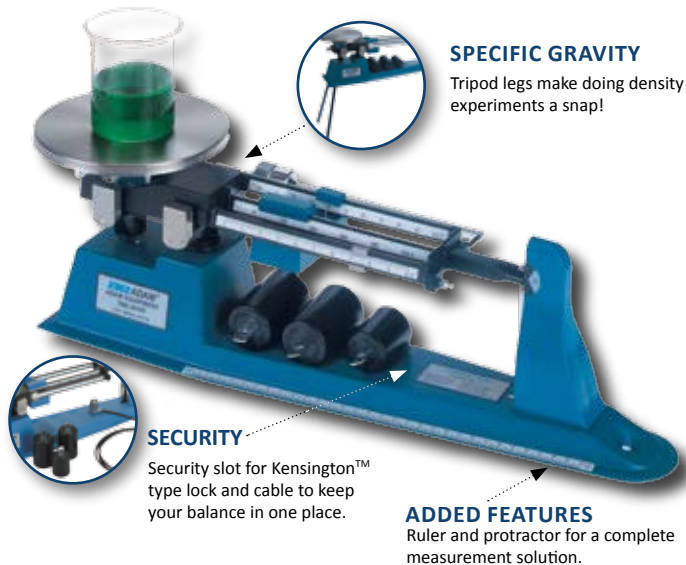
TBB Mechanical Balances

The first triple beam designed specifically for educators

Adam Equipment's TBB is the sturdiest choice for the classroom with a strong metal housing, stainless steel weighing pan, and a larger overall body than other triple beam balances. The innovative tripod legs and integral weigh-below hook allow you to do density and specific gravity determination easily without having to construct awkward table mounted stands. And your TBB can be locked to the bench or table using the built-in security slot and an optional lock and cable. The Adam Assurance warranty covers all parts and labor with prompt reliable service for educators – 5 years for TBB2610S and TBB2610T, and 3 years for TBB610S.

Model	TBB 610S	TBB2610S	TBB2610T
Capacity	610g	2610g	2610g
Readability	0.1g	0.1g	0.1g
Pan Size	150mm \varnothing / 6" \varnothing		
Unit of Measure	grams		
Tare Capacity	n/a		225g
Tripod Legs	Option	■	■
Security Slot	■	■	■
Price	\$85	\$120	\$132

3/5 Year
Warranty



Features

- Built-in security slot
- Unique tripod legs
- Large sturdy body
- Stainless steel pan
- Weigh below hook
- Protractor, ruler and conversion chart
- Built-in mass holder

Accessories:

Item 8030 - Kensington™ type lock and cable, \$28
Item 9024 - Hard carry case with lock\$65
Item 9026 - Tripod legs (for 610g).....\$18



BUY WITH CONFIDENCE

Adam's TBB is protected by U.S. Design Patent D528,935. This patent is in recognition of the TBB's unique design features, including the world's first triple beam tripod legs. When you order a TBB Triple Beam, you'll be getting the only triple beam designed specifically for teachers with classroom features you won't find with other triple beams.

CORE

Core Portable Compact Balances

Everything you need for basic weighing

Compact and durable, no other balance can beat the Core for basic weighing value. The tough durable ABS housing is designed to withstand classroom environments, while being easy to clean and protected from accidental spills. With built-in ShockProtect™ overload protection Core balances can handle excessive overloads without a problem. The simple keypad with dual tare keys and a bright backlit display make Core balances easy to use. Complete with a removable draft shield, AC adapter, and integral security slot, Core balances are ready to work right out of the box. The Adam Assurance two-year warranty covers all parts and labor with prompt, reliable service for educators.

SECURITY

Security slot for Kensington™ type lock and cable to keep your balance in one place.

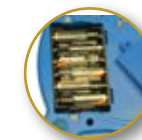


OVERLOAD PROTECTION

ShockProtect™ overload protection safe guards the load cell for trouble free operation.

BATTERY POWER

6 x AA battery operation allows these balances to be used anywhere.



Model	CQT 202	CQT 251	CQT 601	CQT 1501	CQT 2601	CQT 2000	CQT 5000
Capacity	200g	250g	600g	1500g	2600g	2000g	5000g
Readability	0.01g	0.1g	0.1g	0.1g	0.1g	1g	1g
Pan Size	120mm ø 4.7" ø				145 ø 5.7" ø		
Units of Measure	kg / g / lb / oz / ct / dr / GN / N						
Calibration	Automatic external calibration from keypad						
Display	6 digit LCD, 18mm digits, with backlight						
Power Supply	12VAC @ 150mA adapter or 6 x AA batteries						
Draft Shield	132 ø / 5.2" ø x 82mm / 3.2" high				N/A		
List Price	\$225	\$105	\$145	\$210	\$245	\$105	\$145

2Year
Warranty

AC POWER

The AC adapter is included as standard.

EASY-CLEAN PAN

Stainless steel pan is removable for quick clean-ups and durability.

STACKABILITY



The smart housing design lets you safely stack Core balances on top of one another for convenient storage and transportation.

BRIGHT DISPLAY

Bright backlit display with large digits is easy to read for quick results.

KEYPAD

Simple operation with 4 buttons including 2 highlighted tare keys.

Features

- Stainless steel pan
- Three-point ShockProtect™ overload protection
- Built in security slot for Kensington™ type lock
- Removable draft shield and stacking storage on CQT202, CQT251, CQT601 and CQT1501 models
- Battery powered with 6 x AA batteries or AC operation with the included adapter
- Weigh-below hook included for specific gravity / density activities
- Auto power off to save battery life
- Low-battery indicator
- Large backlit display is clear and quickly read

WEIGH BELOW

Weigh below hook for density and specific gravity measurements.

Accessories:

Item 9306 - In-use wet cover.....	\$20
Item 9307 - Hard carry case	\$75
Item 9594 - Extra draft shield to extend the height.....	\$35
Item 8030 - Security lock and cable.....	\$28





Highland Portable Precision Balances

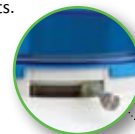
The most complete and versatile precision balance for a wide range of students

Complete with more features and accessories than any other in its class, Adam Equipment's Highland has what it takes for middle school, high school and college applications. They feature Adam's unique patented ShockProtect™ overload protection to withstand up to 200kg, and HandiCal™ internal calibration with built in mass. Calibrate whenever you want without external masses, or use your own masses. USB and RS-232 interfaces are both included with cables, and a rechargeable battery (adapter/charger included), removable draft shield, and brilliant backlit display with capacity tracking make Highland the most complete portable precision balance available today.

Model	HCB 123	HCB 153	HCB 302	HCB 602	HCB 602H	HCB 1002	HCB 1502	HCB 3001
Capacity	120g	150g	300g	600g	600g	1000g	1500g	3000g
Readability	0.001g	0.005g	0.01g	0.02g	0.01g	0.01g	0.05g	0.1g
Pan Size	120mm ø / 4.7" ø							
Units of Measure	g / ct / lb* / oz / d / dr / GN / OZt / dWt / MM / TL.T / TL.C / TL.t / N / g2							
Calibration	HandiCal™ Internal calibration or external calibration - User selectable							
Display	6 digit LCD, 18mm digits, with backlight and loading bar graph							
Power Supply	12VDC 800mA adapter or internal rechargeable battery							
Draft Shield	132 ø x 82mm high / 5.2" ø x 3.2" high							
Dimensions	170 x 245 x 80mm / 6.7" x 9.6" x 3.1"							
List Price	\$405	\$345	\$325	\$345	\$425	\$495	\$345	\$325

EASY CALIBRATION

Built-in HandiCal™ calibration for quick and easy calibration without using external weights.



SECURITY

Built-in security slot for Kensington™ type lock and cable to keep your balance in one place.



ADJUSTABLE FEET

Adjustable feet and easy-to-read level bubble, for more accurate readings.



SHOCK PROTECTION

ShockProtect™ internal overload protection for rough environments.

2Year Warranty

REMOVABLE DRAFT SHIELD

The removable draft shield protects from air movements for precise measurements.

STACKABILITY



The smart housing design lets you safely stack Core balances on top of one another for convenient storage and transportation.

INTERFACES

USB and RS-232 interfaces included for communication with printers and computers. The cables are included so there is nothing else to buy.

BACKLIT DISPLAY

Backlit display with capacity tracker to show how much weighing capacity is remaining.

KEYPAD

Simple easy-to-use keypad with dual tare keys highlighted for quick access.

WEIGH BELOW

Weigh below hook for density and specific gravity measurements.

Accessories:

Item 9306 - In-use wet cover.....	\$ 20
Item 9307 - Hard carry case	\$ 75
Item 9594 - Extra draft shield to extend the height.....	\$ 35
Item 8030 - Security lock and cable.....	\$ 28
Item 9304 - USB cable	\$ 35
Item 9028 - RS-232 cable.....	\$ 35
Item 8023 - Printer	\$395
Item 9028 - Adam DU Software.....	\$ 75





PGL Precision Balances

Durability and precision come together for a whole new class of balances

PGL balances combine the solid construction and fundamental features of a high-precision top loader with the versatility of a portable balance. A metal housing, sealed front panel, and readabilities of 1mg, 10mg, and 0.1g make the PGL ideal for applications that demand both high precision and ruggedness. A built-in rechargeable battery and AC adapter allow you to take your PGL balance anywhere, even out to the field. And Adam Equipment's unique ShockProtect™ overload protection keeps the weighing mechanism safe from unwanted overloads like book bags and heavy hands.

RS-232 INTERFACE

RS-232 interface included for communication with printers and computers.



LEVELING BUBBLE

The PGL comes standard with a leveling bubble to insure proper and accurate readings.



WEIGH BELOW

Weigh below hook for density and specific gravity measurements.



Model	PGL203	PGL2002	PGL4001	PGL6001	PGL8001
Capacity	200g	2000g	4000g	6000g	8000g
Readability	0.001g	0.01g	0.1g		
Stainless Steel Pan	140x140mm / 5.5"x5.5"	192x192mm / 7.6"x7.6"			
Unit of Measure	g,mg, oz, N, ct, GN, ozt, dwt, custom	g, kg, oz, N, ct, GN, ozt, dwt, custom	g, kg, oz, N, lb:oz, lb, oz, ct, GN, custom		
Weighing Modes	Weighing, parts counting, percentage weighing, density of solids and liquids, check weighing				
Power Supply	AC adapter and rechargeable battery pack (both included)				
Calibration	Automatic external calibration from keypad				
Display	LCD display with dual digits and capacity tracker				
Overall Dimensions	358 x 251 x 104 mm / 14.1" x 9.9" x 4.1"				
Price	\$725	\$725	\$650	\$725	\$795

Features

- AC and rechargeable battery operation both included
- ShockProtect™ overload three-point protection
- Brilliant backlit LCD with capacity tracker
- RS-232 interface included
- Below-balance weighing

3Year
Warranty

PGW Precision Balances

Outstanding precision for advanced applications at affordable prices

For high school AP studies, teacher prep, and university labs, PGW precision top loading balances offer the level of performance students and instructors need at the best prices. Top loading models offer 1mg and 0.01g readabilities with capacities up to 4500g.

All metal construction, a brilliant oversized display, and intuitive operation make them easy to use and highly durable. With a host of innovative features PGW balances simplify even your most complex applications.

**3 Year
Warranty**

Model	PGW 153e	PGW 253e	PGW 453e	PGW 753e	PGW 1502e	PGW 2502e	PGW 3502e	PGW 4502e
Capacity	150g	250g	450g	750g	1500g	2500g	3500g	4500g
Readability	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g
Stainless Steel Pan	140 x 140mm / 5.5 x 5.5"				192 x 192mm / 7.6 x7.6"			
Unit of Measure	17 including g, oz, N, and 1 custom unit							
Weighing Modes	Weighing, parts counting, percentage weighing, density of solids and liquids, check weighing, animal / dynamic weighing, totalization							
Power Supply	15VAC 600mA 50/60 Hz external AC adapter							
Calibration	Automatic external calibration from keypad							
Display	Multilingual backlit LCD display with dual digits and capacity tracker (English, Spanish, French, German)							
Draft Shield	158 x 158 x 80mm / 6.2 x 6.2 x 3.1"				n/a			
Overall Dimensions	358 x 251 x 104 mm / 14.1" x 9.9 x 4.1"							
Price	\$850	\$925	\$1,050	\$1,375	\$850	\$925	\$1,025	\$1,125

LEVELING BUBBLE

The PGW comes standard with a leveling bubble to insure proper and accurate readings.

Backlit Display

Brilliant backlit display with 1" high digits and graphic capacity tracker.

RS -232 INTERFACE

RS-232 interface included for communication with printers and computers.

SECURITY

Security slot for Kensington™ type lock and cable to keep your balance in one place.

WEIGH BELOW

Weigh below hook for density and specific gravity measurements.

Features

- All metal, chemical resistant construction
- GLP compliant print-outs with date and time
- 17 weighing units including one user-programmable custom unit

Accessories:

Item 8030 - Kensington™ type lock and cable.....	\$ 28
Item 7238 - Weigh-below hook.....	\$ 25
Item 7452 - Density kit for PGW 1mg balances.....	\$375
Item 8031 - In-use wet cover.....	\$ 25



"I am in my 45th year of teaching so I have used just about every kind of balance. There are many features that I like about the PGW. It is very compact and sturdy. I love the display of the date and time as well and the bar indicating the percent of capacity. I would recommend this balance to anyone needing to purchase a milligram precision balance."

Judy, A.P. Chemistry teacher, Birmingham, AL

PW

PW Analytical Balances

Intuitive features for precision results

AP studies, teacher prep, and university labs will appreciate the feature packed PW analytical balances. With readabilities at 0.1mg, internal motorized calibration and large backlit display, the PW comes packed with a range of application modes.

3Year
Warranty

- Motorized internal calibration
- All metal, chemical resistant construction
- RS-232 bi-directional interface
- GLP compliant print-outs with date and time
- Slot for Kensington type lock
- Below balance weighing
- Brilliant backlit display with 1" high digits and graphic capacity tracker
- 16 weighing units including one user-programmable custom unit
- Spacious, easy-to-clean weighing chamber with side and top access on PW analytical balances

Accessories:

Item 8030 - Kensington™ type lock and cable.....	\$ 28
Item 7238 - Weigh-below hook.....	\$ 25
Item 7543 - Density kit for PW balances.....	\$375
Item 8031 - In-use wet cover.....	\$ 25



RS-232 INTERFACE

RS-232 interface included for communication with printers and computers.



SECURITY

Built-in security slot for Kensington™ type lock and cable.

GLASS DOORS

Easy access glass doors to the weighing chamber.

STAINLESS STEEL PAN

Removable stainless steel pan for easy clean up.

BACKLIT DISPLAY

Brilliant backlit display with 1" high digits and graphic capacity tracker.

Model	PW 124	PW 184	PW 254
Capacity	120g	180g	250g
Readability	0.0001g	0.0001g	0.0001g
Stainless Steel Pan	90 mm ø / 3.5"		
Unit of Measure	16 including g, oz, N, and 1 custom unit		
Weighing Modes	Weighing, parts counting, percentage weighing, density of solids and liquids, check weighing, animal / dynamic weighing, totalization		
Power Supply	15VAC 600mA 50/60 Hz AC adapter		
Calibration	Automatic internal		
Display	Multilingual backlit LCD display with dual digits and capacity tracker (English, Spanish, French, German)		
Draft Shield	202 x 158 x 215mm / 7.9 x 6.2 x 8.5"		
Overall Dimensions	256 x 524 x 275mm / 10.1" x 20.6" x 10.8"		
Price	\$1,550	\$1,750	\$1,995

Adam's Family of Classroom Balances



Dune™ Balances

Durable electronic balance with everything needed to get students weighing right out of the box. Only \$75. Middle school and up.



TBB Balances

The best choice for a triple beam balance, with patented tripod legs, security slot and more. Starting at \$85. Middle school and up.



Core™ Balances

NEW – Everything students need for basic weighing including ShockPortect overload protection, removable draft shield, and security slot. Starting at \$105. Middle school and up.



Highland™ Portable Balances

NEW – Advanced features for complex weighing applications. Includes 1mg readability, USB and RS-232 interfaces standard, and HandiCal internal calibration. Starting at \$325. Middle school and up.



PGL Precision Balances

NEW – Solid construction, all metal housing with 1mg and up readabilities and application software designed for advanced students. For AP studies, Teacher prep, University and College labs.



PGW Balances

Precision balance packed with applications and features with a greater selection of 1mg balances and an intuitive user interface. For AP studies, Teacher prep, University and College labs.



PW Balances

Analytical balances with internal calibration and readabilities of 0.1mg. Large easy to read display and multiple weighing units. For AP studies, Teacher prep, University and College labs.

Readability

	0.0001g	0.001g	0.005g	0.01g	0.02g	0.05g	0.1g	1g	2g
Capacity									
120g									
150g									
180g									
200g									
250g									
300g									
450g									
600g									
610g									
750g									
1000g									
1500g									
2000g									
2500g									
2600g									
2610g									
3000g									
3500g									
4000g									
4500g									
5000g									
6000g									
8000g									

Our Promise to You

...At Adam, we are all about balance - offering you the perfect balance of speed, performance and value. We are committed to bringing teachers the very best mass measurement tools that come complete with everything you need for successful classroom use. We promise you a sensibly-priced and reliable balance every time you choose Adam Equipment.

How to Order

Adam balances are available from many science education distributors. For assistance locating a distributor, or for help with product and ordering questions, contact Adam Equipment at:

PHONE: Toll-free 888.355.3868 FAX: 203.792.3406

EMAIL: education@adamequipment.com

MAIL: 26 Commerce Drive, Danbury, CT 06810



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ADAM EXPERIMENTS – A fun new approach to topics covered in the classroom lab. Each comes complete with a reproducible student worksheet and a comprehensive teacher's guide with connections to standards, vocabulary lists, extensions, and an answer key.



Adam Equipment, Inc.
26 Commerce Drive
Danbury, CT 06810

2009 Education Catalog



www.adamequipment.com/education

***Educators turn to Adam Equipment
for balances, classroom resources
and teacher specials!***

- ★ *Durable and reliable balances packed with classroom features*
- ★ *Free teacher-created experiments with student worksheets*
- ★ *Exclusive specials only for teachers*

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