

ADAM

PERFECT BALANCE

Speed, Performance, Value



NEW \$85 model



Starting at \$99



WEIGH COOL



FREE Adam Lab Apron
with every two Adam Balances!

Offer extended until 07/15/2008.

See inside cover for full details.



FREE Science Labs

New experiment:
Have a Blast Finding Molar Mass

Download & reproduce today at
www.adamequipment.com/education

2008 Education Catalog

Our Promise to You

At Adam, we are committed to bringing teachers the very best mass measurement tools that come complete with everything you need for successful classroom use. We know you have a choice when buying balances - that's why we promise you a sensibly-priced and reliable balance every time you choose Adam Equipment.

Lab Apron Offer

EXCLUSIVELY FOR TEACHERS Now through July 15, 2008, receive a free WEIGH COOL Lab Apron with every two Adam balances purchased. Up to twelve aprons per school/district! *

LET EVERYONE KNOW YOU THINK SCIENCE IS HIP with Adam's WEIGH COOL apron! These fun bib-style aprons are a generous 24"L x 28"W with a neck adjustment slider for perfect fit. Plus the three divisional pouch pockets let you keep everything at your fingertips. Made from long lasting, ultra-durable fabric. **A \$19.95 Value!**

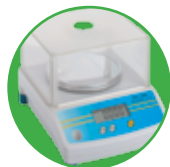


Adam's Family of Classroom Balances



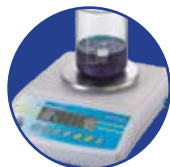
TBB Balances

Durable and reliable triple beam balances in 610g and 2610g models. The patented TBB offers tripod legs, security slot for lock-down, and quality mechanics. **For grades 5 & up.**



AQT Compact Balances

Everything students need for basic weighing. Simple operation, overload protection, removable draft shield, security bracket, AC adapter, & stainless steel pan. Starting at just \$99. **For grades 5 & up.**



ACBplus Portable Balances

A versatile precision balance featuring multiple weighing modes, higher readabilities, capacity tracker & audible overload protection, draft shield, weigh-below hook, RS232 interface. **For grades 7 & up.**



PW and PGW Balances

Analytical and top-loading precision balances with advanced software to make complex applications intuitive. Dual display, digital filters, spacious chamber, two communication ports, plus much more. **For AP studies, teacher prep, & college labs.**

Readability

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

* How to get your free Adam WEIGH COOL Lab Apron(s) – Reference Promo Code EDMS08 to qualify. U.S. educational institutions only. Balance purchases must be made between September 30, 2007 and July 15, 2008. Prior purchases do not qualify. The two Adam balances do not have to be from the same Adam product line or the same model number but both balances must be ordered at one time. Balances may be purchased from any of Adam's education distributors or from Adam Equipment directly however, this offer cannot be combined with any other offers, unless previously approved by Adam. Offer expires July 15, 2008; requests must be submitted no later than July 30, 2008. Offer is subject to availability and apron redemptions will be shipped on a first come, first serve basis. Offer void where prohibited, taxed, or restricted by law.



TBB The first triple beam designed specifically for educators

Adam's patented TBB is today's best value for teaching mass measurement concepts from a brand scientists worldwide have trusted for over thirty-five years. The TBB offers the functions and durability teachers need with a choice of 610g and 2610g models.

BUILT FOR SCHOOLS With a larger overall body than other triple beam balances, the TBB is the sturdiest choice for the classroom. Quality construction with strong metal housing and a stainless steel pan.

READY FOR THEFT PROTECTION A factory-installed security slot is built right into the housing. Compatible with a Kensington™ – type security lock/cable (sold separately.)

BETTER BELOW-BALANCE WEIGHING Innovative built-in tripod legs and integral weigh-below hook allow you to do density activities wherever you want without the inconvenience of having to clamp onto a table and create your own make-shift hook. (Legs are standard with 2610g models, an accessory for the 610g model.)

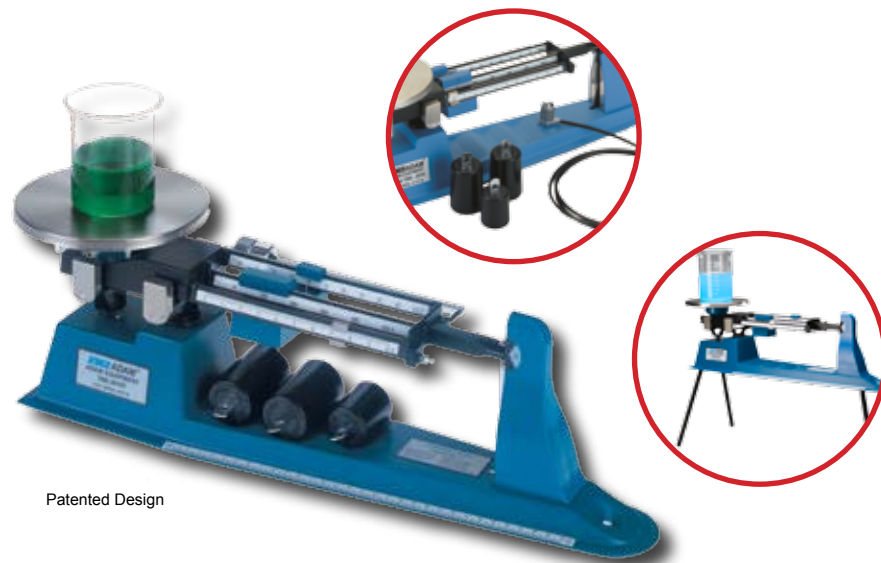
RELIABLE READINGS Three graduated-tier beams for the best center-point readings. Speedy zeroing with counterbalance knob.

ADDED EDUCATIONAL VALUE With a conversion chart, ruler, and protractor right on the housing, the TBB is a complete measurement tool.

ADAM ASSURANCE Five-year Adam Assurance warranty with 2610g models and three-year Adam Assurance warranty with 610g model, covering all parts and labor with prompt, reliable service for educators.

THE TBB GIVES YOU ALL THESE FEATURES, PLUS A GREAT LOW PRICE!

- ★ *Factory-installed security slot*
- ★ *Built-in tripod legs (accessory for 610g)*
- ★ *Larger, sturdier body*
- ★ *Stainless steel pan*
- ★ *Weigh-below hook*
- ★ *Protractor, ruler and conversion chart*
- ★ *Built-in mass holder*
- ★ *Quality mechanics*
- ★ *Trusted manufacturer*



NEW

Model	TBB 610S	TBB2610S	TBB2610T
Capacity	610g	2610g	2610g
Readability	0.1g	0.1g	0.1g
Unit of Measure	grams		
Tare Capacity	n/a		225g
Calibration			
Front Beam	10g x 0.1g		
Middle Beam	500g x 100g		
Rear Beam	100g x 10g		
Display	Graduated Beam		
Stainless Steel Pan	150mm ø / 6" ø		
Tripod Legs	Option	■	■
Security Slot	■	■	■
Price	\$85	\$120	\$132

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.

Accessories:

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

NEW

AQT Everything you need For basic weighing

When your students simply need basic mass measurement capabilities, no other balance can beat the AQT for value. With the AQT compact balance, there's nothing extra to buy. For novice students and up.

SIMPLICITY Set-up and operation in a few steps.

DURABILITY Large, sturdy body with generous stainless steel pan. Splash-proof keypad with specifically designed housing to protect the weighing mechanism from accidental spills.

SAFETY Overload protection safeguards the loadcell, integral security bracket keeps your balance where you want it, and in-transit protection screw ensures safer shipping.

BETTER READINGS Backlit LCD display is clear and bright. Removable draft shield, adjustable feet, and level bubble improve balance performance for students.

POWER CHOICES Use the included AC adapter (or six AA batteries screwed into the base so they remain secure.)

TECHNOLOGY YOU WANT Auto-calibration through the keypad, overload indicator, low-battery indicator, and auto power-off to save batteries.

ADAM ASSURANCE Two-year Adam Assurance warranty covering ALL parts and labor with prompt, reliable service for educators.

Accessories:

Item 5111 - In-use wet cover.....	\$20
Item 8024 - Adam lock and cable.....	\$28
Item 7959 - Hard carry case with lock.....	\$55



Free Adam Lab Apron
with every two Adam Balances!

Through 07/15/2008.
See inside cover for full details.

NO OTHER COMPACT GIVES YOU ALL THIS!

- ★ AC adapter (a \$28 value)
- ★ Removable draft shield for better readings
- ★ Stainless steel (not plastic) pan
- ★ Overload protection
- ★ Integral security bracket
- ★ Auto-calibration through the keypad
- ★ Adjustable feet & level bubble for improved performance
- ★ Two-year warranty

Model	AQT 200	AQT 250	AQT 600	AQT 1500	AQT 2600	AQT 2000	AQT 5000
Capacity	200g	250g	600g	1500g	2600g	2000g	5000g
Readability	0.01g	0.1g	0.1g	0.1g	0.1g	1g	1g
Repeatability	0.02g	0.1g	0.1g	0.2g	0.2g	1g	1g
Units of Measure (educ)	All models have g and oz (The 1500, 2000, 2600, and 5000 also have kg and lb)						
Power Supply	12V AC adapter or six AA batteries (adapter supplied as standard)						
Calibration	Digital calibration from keypad						
Display	Backlit LCD, 15mm / 0.6" digit height						
Draft Shield	Removable draft shield: 180 x 158 x 82mm / 7.1 x 6.2 x 3.2"						
Stainless Steel Pan	130mm ø / 5.1" ø						
Overall Dimensions	Without draft shield: 195 x 240 x 70mm / 7.7 x 9.4 x 2.8" (WxDxH)						
Price	\$ 225	\$ 99	\$ 145	\$ 210	\$ 245	\$ 99	\$ 135

ACBplus A versatile precision balance for a wide range of students

For experiments requiring higher readabilities, density calculations, additional weighing modes, or RS232 connections, the ACBplus portable balance is the perfect fit. It's sturdy enough for lower level classes yet it has more advanced capabilities for intermediate students. For grades 7 and up.

SIMPLICITY Set-up and operation in a few steps.

VERSATILITY Along with basic weighing, performs percent weighing, parts counting, and accumulation/totalization.

DURABILITY Rugged yet lightweight body with generous stainless steel pan. Splash-proof keypad with specifically designed housing to protect the weighing mechanism from accidental spills.

SAFETY Audible overload protection safeguards the loadcell. Integral security bracket keeps your balance where you want it. Lock-out feature allows students to use only the units you want them to. In-transit protection screw for safe shipping.

BETTER READINGS Backlit LCD display is clear and bright. Removable draft shield, adjustable feet, and level bubble improve balance performance for students. Integral weigh-below hook for density experiments.

POWER CHOICES Use the included AC adapter or the rechargeable battery, which can last up to 24 hours when actively in use (both included.)

TECHNOLOGY YOU WANT Unique "capacity tracker" makes monitoring overloads easy. RS232 interface and cable included; USB compatible with readily available USB cable or convertor. Also, auto-calibration through the keypad, overload indicator, low-battery indicator, and auto power-off to save battery.

ADAM ASSURANCE Two-year Adam Assurance warranty covering ALL parts and labor with prompt, reliable service for educators.



SMART FEATURES FOR MAXIMUM PERFORMANCE

Weigh-below hook for specific gravity, capacity tracker to monitor overloads, plus removable draft shield, level bubble, and adjustable feet for better readings.

Model	ACBplus 150	ACBplus 300	ACBplus 600	ACBplus 600H	ACBplus 1000	ACBplus 1500	ACBplus 3000
Capacity	150g	300g	600g	600g	1000g	1500g	3000g
Readability	0.005g	0.01g	0.02g	0.01g	0.01g	0.05g	0.1g
Repeatability	0.005g	0.01g	0.02g	0.01g	0.02g	0.05g	0.1g
Units of Measure (educ)	Fifteen weighing units including g, N, oz, lb						
Modes	Basic weighing, percent weighing, parts counting, totalization						
Power Supply	Includes both a rechargeable battery and a 9V A/C adapter						
Calibration	Automatic external						
Display	Backlit LCD (15mm / 0.6" digit height) with capacity tracker						
Draft Shield	Removable draft shield: 190 x 158 x 82mm / 7.1 x 6.2 x 3.2" (WxDxH)						
Stainless Steel Pan	120mm ø / 4.7" ø					124 x 124mm / 4.9 x 4.9"	
Overall Dimensions	Without draft shield: 195 x 240 x 70mm / 7.7 x 9.4 x 2.8" (WxDxH)						
Price	\$ 295	\$ 295	\$ 295	\$ 345	\$ 430	\$ 295	\$ 295

Accessories:

Item 5111 - In-use-wet cover.....	\$20
Item 8024 - Adam lock and cable.....	\$28
Item 7959 - Hard carry case with lock.....	\$55

PW and PGW Analytical and top-loading precision balances that make complex applications remarkably intuitive for students.

PW and PGW precision balances feature advanced processing software with all of the capabilities higher level students and educators need in the lab. Multiple weighing modes, capacity tracker, digital filters, built-in bi-directional RS232 interface, and density determination software make the PW and PGW the smart choice in education precision balances. For AP studies, teacher prep, and college labs.



"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

Accessories:

Item 8030 - Kensington™ type lock and cable.....	\$28
Item 7238 - Weigh-below hook.....	\$25
Item 7543 - Density kit for PW balances.....	\$375
Item 7452 - Density kit for PGW 1mg balances.....	\$375
Item 8031 - In-use wet cover.....	\$25

SMART CONSTRUCTION FOR SCHOOLS All metal chemical resistant construction features spacious weighing chamber with side and top access. Large removable stainless steel pan, sealed keypad, and smooth contours all are easy to keep clean.

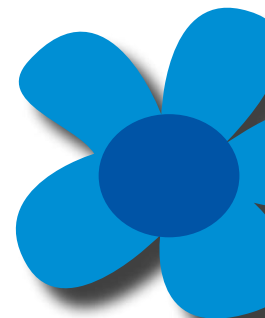
BETTER READINGS Oversized backlit LCD display with a dual display so critical data is always in view. User-selectable digital filters, adjustable feet, and level bubble improve balance performance for students. Full-range taring accommodates larger sample sizes.

COMPLETE SECURITY Capacity tracker and overload protection reduce risk of overload damage to the mechanics, integral security bracket keeps your balance secure, and a password lock-out feature prevents unauthorized usage and access.

BUILT-IN CONNECTIVITY Two ports supplied as standard. Bi-directional RS232 interface quickly transmits data to printers, computers, and other communication devices. A second communication port allows for even more connectivity. USB compatible with readily available USB cable for convertor.

ADAM ASSURANCE Three-year Adam Assurance warranty covering ALL parts and labor with prompt, reliable service for educators.

Model	PW 124	PW 184	PW 254	PGW 153e	PGW 253e	PGW 453e	PGW 753e	PGW 1502e	PGW 2502e	PGW 3502e	PGW 4502e
Capacity	120g	180g	250g	150g	250g	450g	750g	1500g	2500g	3500g	4500g
Readability	0.0001g	0.0001g	0.0001g	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g
Unit of Measure	16 including g, oz, N, and 1 custom unit			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 internal			Automatic external (call Adam for information on internal calibration models)							
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"			158 x 158 x 80mm / 6.2 x 6.2 x 3.1"				n/a			
Stainless Steel Pan	90 mm ø / 3.5"			140 x 140mm / 5.5 x 5.5"				192 x 192mm / 7.6 x 7.6"			
Overall Dimensions	256 x 524 x 275mm / 10.1 x 20.6 x 10.8"			251 x 358 x 104mm / 9.9 x 14.1 x 4.1"							
Price	\$1,450	\$1,625	\$1,850	\$795	\$875	\$995	\$1,295	\$795	\$875	\$975	\$1,075



FREE Educator Extras

Download at www.adamequipment.com/education

ADAM EXPERIMENTS – A fun new approach to the most commonly covered topics 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.

- **NEW!** Have a Blast Finding Molar Mass - An Ideal Gas Experiment
- The Burning Question - A Conservation of Matter Experiment
- Egg Observations - An Osmosis Experiment
- Thatsa Pasta! - A Delicious Density Experiment

TOPIC ^{Tutor} SUPPLEMENTAL LESSONS – High-interest student reading passages that cover important science concepts. Perfect for both remedial and reinforcement situations and also for extensions. Each supplemental lesson features two reproducible student pages: the reading passage and a subject mastery worksheet. The teacher's guide offers standards correlations, vocabulary lists, extensions, and an answer key.

- Density Determination and Archimedes' Ah-Ha Moment

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

Orders usually ship within two days of receipt. An 8% shipping charge (\$15 min. charge per order) for orders in the continental US. Standard carrier is UPS ground. Delivery to street addresses only, no P.O. Boxes. For orders outside the continental US, international orders, or for special shipping requests, contact Adam before placing your order.



Features Comparison

	Balance Line				
	TBB	AQT	ACB	PW	PGW
Weighing Modes	1	1	4	7	7
Weighing Units	1	4	15	16	17
Below Balance	✓	-	✓	✓	✓
Batteries	N/A	6 x AA	Internal	-	-
AC Adapter	N/A	Included	Included	Included	Included
Auto Shut Off	N/A	✓	✓	✓	✓
Low Bat Indicator	N/A	✓	✓	N/A	N/A
Security Bracket / Slot	✓	✓	✓	✓	✓
Overload Protection	N/A	✓	✓	✓	✓
Draft Shield	N/A	✓	✓	✓	✓ 1mg
Interface	N/A	-	RS-232	RS-232	RS-232
Calibration	External	External	External	Internal	Both Available
Capacity Tracker	N/A	-	✓	✓	✓
Warranty	3 to 5 Year	2 Year	2 Year	3 Year	3 Year



ADAM

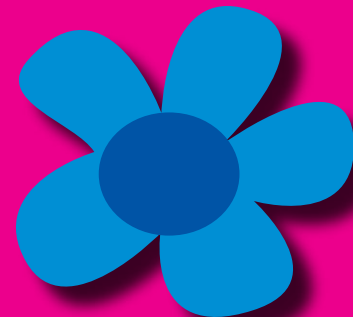
Adam Equipment Inc
26 Commerce Drive
Danbury, CT 06810



Educators turn to Adam for balances, classroom resources & teacher specials!

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

www.adamequipment.com/education



PRSRTD STD
US POSTAGE
PAID
WATERBURY, CT
PERMIT NO. 1552

LIMITED TIME! FREE Teacher Lab Apron