



Education

High Performance Balances and Scales



**NEW
VIRTUAL LAB
BUNDLES!**

SEE SPECIAL INSERT INSIDE!



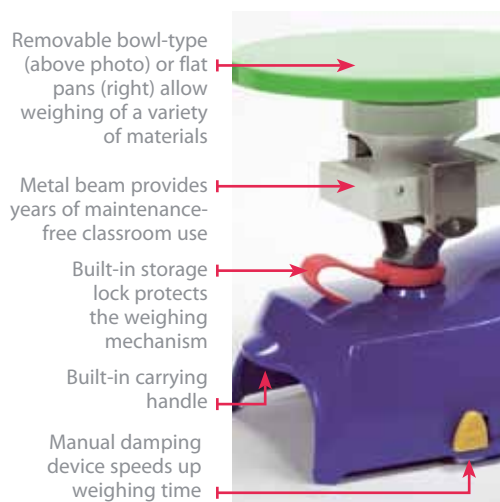
Best in Class

2012

Elementary Measurement Solutions



Stack your balances to maximize storage space when not in use!



WARNING:
CHOKING HAZARD – Small parts
Not for children under 3 yrs.

HARVARD JUNIOR™

Mechanical Balance

Grade Level: K-6 (ages 5 and up)

With its unique design, the Harvard Junior offers the combination of a colorful and inviting, plastic two-pan balance with the durability and accuracy of the more expensive Harvard Trip. The Harvard Junior is not only the most feature rich balance in its class but includes a FREE teacher-developed, classroom tested elementary activity guide focused on practical yet enjoyable activities that link science and math concepts, are standards-based, and utilize common items already found in your classroom or at home.

With the OHAUS Harvard Junior balance and its included activity guide, you'll introduce your young scientists to topics such as:

- ✓ Measuring with standard and non-standard units
- ✓ Estimation and measurement
- ✓ Conservation of mass
- ✓ Finding mass using deductive reasoning
- ✓ And so much more!

**3 YEAR
WARRANTY!**

The OHAUS Harvard Junior features:

- ✓ A unique design offering increased durability and superior accuracy by employing a precision engineered metal beam for years of maintenance-free classroom use
- ✓ Dual style, interchangeable pans which allow for a broader range of objects to be weighed
- ✓ Stackability on either platform to maximize storage space when not in use
- ✓ A spring-loaded zero adjust knob & zero adjust compensation beam for precise measurements
- ✓ Manual damping device to speed up the weighing process

Harvard Junior™	
Item #	HJ2001
Capacity	2000(g)
Readability	0.5(g)
Mass Set	Included, 8pc Metal, 370g
List Price	\$90

BUY THE BUNDLE AND SAVE!

OHAUS Harvard Junior Measurement Bundle includes 2 Harvard Junior balances and 1 Measurement Kit. **Item # 80252097. List Price \$240**



Introducing a self-guided, multi-sensory approach to learning about science and measurement for elementary students—see insert for details

MEASUREMENT SKILLS ASSESSMENT REVIEW KIT

Making "Fun" of Measurement in the Elementary Classroom

Each kit contains:

- ✓ A set of 750 standards-based assessment review questions
- ✓ 12 game boards and enough materials for up to 36 students playing games simultaneously
- ✓ A presentation CD-ROM with 750 interactive assessment questions
- ✓ A comprehensive teacher planning and resource guide
- ✓ Built in links to hands on activities using the OHAUS Harvard Junior pan balance (sold separately)

Grade Level focus: Grades 2-6 (Ages 8-12)

The OHAUS Math & Science Measurement Skills Assessment Review Kit has been specifically developed to provide comprehensive coverage of standards-based measurement topics for elementary students in grades 3-5 (with an introductory set of questions leveled at grade 2 and an accelerated set of questions leveled at grade 6). It's a perfect way to teach and review measurement concepts taught in both math and science, and prepare your students for upcoming assessments.

Each game comes complete with enough materials to accommodate up to 36 students in review sessions from 5 to 30 minutes or more. All questions are grade appropriate and leveled by content and readability. Extend the measurement experience by utilizing the OHAUS Harvard Junior (sold separately) with the activities included in the Teacher Planning & Resource Guide.

The OHAUS Measurement Review Kit also features:

- ✓ Comprehensive coverage of up-to-date measurement concepts
- ✓ No consumable materials to purchase year after year
- ✓ Differentiated instruction capabilities accommodating visual, tactile, oral and aural learning styles
- ✓ Flexible design that accommodates lesson times from 5 to 30+ minutes
- ✓ Standard rules & game board configuration to maximize productive learning time
- ✓ Easy-to-follow instructions & minimal setup requirements

Math & Science Measurement Review Kit	
Item #	GM101
List Price	\$80

Topics include:

- ✓ Estimations in Measurement
- ✓ Measuring Volume
- ✓ Comparing Mass

- ✓ Geometry and Measurement
- ✓ Units of Weight
- ✓ Which Weighs More?

- ✓ Time/Elapsed Time
 - ✓ Real World Applications
- 25 TOPICS IN ALL!**



**FREE
PRESENTATION
SOFTWARE WITH
EACH KIT!**



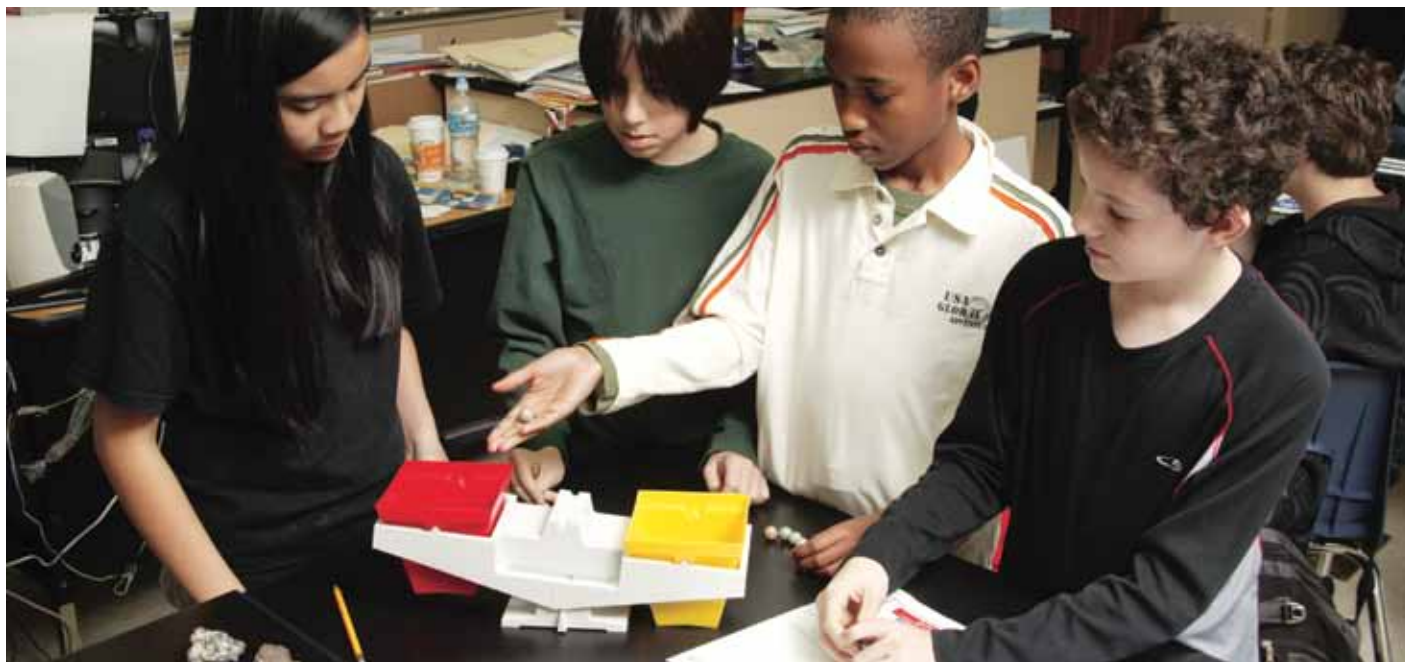
The OHAUS Measurement Mastery Game was developed using research-based principles and is designed for in-class review for grades 3-5 and Special Needs students. It's a great way to prepare & review for upcoming assessments, incorporate into after-school tutoring, individualized instruction, or summer learning programs.



WARNING:

**CHOKING HAZARD – Small parts
Not for children under 3 yrs.**

Elementary Balances



SCHOOL BALANCE

Introduce precision mass measurement to elementary grade students

This rugged, lightweight balance is the perfect tool for introducing the science of metrology. Weigh everyday objects, from paper clips to books, or demonstrate mass measurement concepts with the included mass set. Grades K-6 (Ages 5-12).

OHAUS Value:

Large, washable, weighing pans; easy-to-use zero adjustment ensures accuracy and repeatability; dual pointers allow viewing results from both sides; and 18 piece, plastic mass set included with balance.

PRIMER® BALANCE

Teach younger students basic mass measurement concepts

This lightweight yet durable beginner balance is ideal for many simple classroom activities with both liquids and solids. Grades K-3 (Ages 5-9).

OHAUS Value:

Large, washable, 500 ml buckets; activity guide with 16 exercises; easy-to-use zero adjustment ensures accuracy and repeatability; dual pointers allow viewing results from both sides.



School balance



Primer balance

	School Balance	Primer® Balance
Item #	SB1200	80410-00
Capacity	2000(g)	2000(g)
Readability	0.5(g)	1(g)
Polystyrene Platform W × H (in/cm)	5.5 × 5.5/14 × 14	4 × 4/10.2 × 10.2
List Price	\$40	\$30

BUY THE BUNDLE AND SAVE!

School Balance Measurement Bundle includes six OHAUS School Balances and one Measurement Skills Assessment Kit.

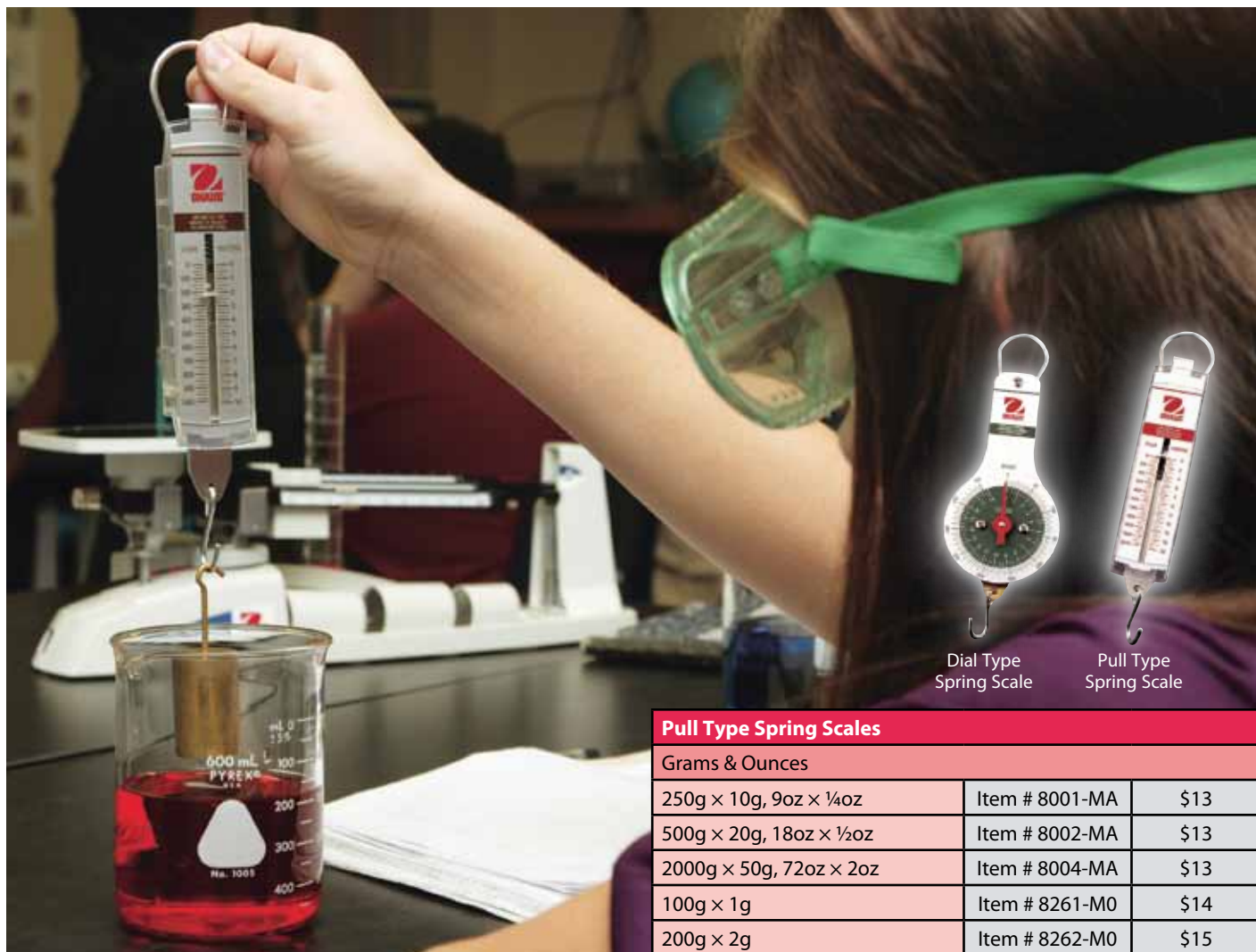
Item # 80252137. List price \$290

Spring Scales

SPRING SCALES

Designed to deliver reproducible results time after time

Perfect for general weighing, force experiments, action-reaction demonstrations, and much more. Grades 5-12 (Ages 11 and up)



Dial Type
Spring Scale

Pull Type
Spring Scale

Pull Type Spring Scales

Grams & Ounces

250g × 10g, 9oz × ¼oz	Item # 8001-MA	\$13
500g × 20g, 18oz × ½oz	Item # 8002-MA	\$13
2000g × 50g, 72oz × 2oz	Item # 8004-MA	\$13
100g × 1g	Item # 8261-M0	\$14
200g × 2g	Item # 8262-M0	\$15
500g × 5g	Item # 8263-M0	\$15
1000g × 10g	Item # 8264-M0	\$15
2000g × 20g	Item # 8265-M0	\$15

Grams & Newtons

250g × 10g, & 2.5N × 0.1N	Item # 8001-MN	\$13
500g × 20g, & 5N × 0.2N	Item # 8002-MN	\$13
1000g × 25g, & 10N × 0.25N	Item # 8003-MN	\$13
2000g × 50g, & 20N × 0.5N	Item # 8004-MN	\$13
5000g × 100g, & 50N × 1N	Item # 8008-MN	\$13

Pounds & Newtons

.56lb × 0.02lb, 2.5N × 0.1N	Item # 8001-PN	\$16
1.12lb × 0.04lb, 5N × 0.2N	Item # 8002-PN	\$16
2.25lb × 0.05lb, 10N × 0.25N	Item # 8003-PN	\$16
4.5lb × 1lb, 20N × 0.5N	Item # 8004-PN	\$16
11.25lb × 0.25lb, 50N × 1N	Item # 8008-PN	\$16

Dial Type Spring Scales

Grams & Ounces

250g × 2g, 9oz × ¼oz	Item # 8011-MA	\$23
500g × 5g, 18oz × ½oz	Item # 8012-MA	\$23
2000g × 20g, 72oz × 1oz	Item # 8014-MA	\$23

Grams & Newtons

250g × 2g, & 2.5N × 0.02N	Item # 8011-MN	\$23
500g × 5g, & 5N × 0.05N	Item # 8012-MN	\$23
1000g × 10g, & 10N × 0.1N	Item # 8013-MN	\$24
2000g × 20g, & 20N × 0.2N	Item # 8014-MN	\$23

Large Demonstration Dials

Demonstration Dial 20hg × ½hg	Item # 8015-00	\$49
Demonstration Dial 20N × ½N	Item # 8016-00	\$49
Demonstration Dial 50N × 2N	Item # 8018-50	\$55

Triple Beam Balances



Introducing brand new, interactive technology bundles featuring the OHAUS Triple Beam Pro —see insert for details.

TRIPLE PRO™

BEST IN CLASS Mechanical Balance

Accurate, dependable and truly the BEST IN CLASS; the OHAUS Triple Pro offers the convenience of a toploading balance while allowing your students to gain hands-on experience through manipulation of the poises, included attachment weights and rod & clamp assembly. The OHAUS Triple Pro is a true teaching tool for every grade level and is perfect for helping your students visualize mass measurement principles and emphasize a hands-on, minds-on approach to learning. Grades 4-12 (Ages 10 and up)

- ✓ The unique, easy grip carrying handle is ergonomically designed and perfectly balanced to allow for effortless movement around the classroom
- ✓ Two security features are included to prevent theft, a security loop and a Kensington-type lock (cables sold separately)
- ✓ Includes a convenient storage compartment located on the balance for the included attachment weight set when not in use
- ✓ A built-in transportation/storage lock helps to protect the longevity of the Triple Pro Balance by minimizing wear on the knives and bearings, and reducing the possibility of bending the damper vane when the balance is being delivered to your classroom or while stored during non-use
- ✓ Includes rod & clamp assembly for below balance weighing necessary for specific gravity determinations
- ✓ Backed by an incredible 10 year limited warranty only OHAUS can provide



Triple Beam Pro™	
Capacity × Readability	2610 × 0.1g
Item #	TP2611
List Price	\$163

**INCREDIBLE
10 YEAR
WARRANTY!**



Triple Beam (Model TJ611)
3 Year Warranty



Triple Beam (Model 750-S0)
5 Year Warranty



Triple Pro (Model TP2611)
10 Year Warranty

TRIPLE BEAM BALANCE

The standard by which all others are measured

Whether you're in need of a basic but high quality mechanical balance or you're looking for the top-of-the-line model that gives you complete flexibility in the classroom, OHAUS has a triple beam for you. No matter which triple beam you choose, rest assured you can count on every OHAUS Triple Beam balance to be accurate and dependable time and time again. Grades 4-12. (Ages 10 and up)

All OHAUS Triple Beams feature:

- ✓ Three notched and tiered beams with center reading
- ✓ Spring loaded zero adjust compensator
- ✓ Outstanding engineering with precision design and solid construction
- ✓ Positive poise positioning ensures repeatable results
- ✓ Magnetic dampening to speed up weighing



CHOOSE THE OHAUS TRIPLE BEAM THAT'S RIGHT FOR YOUR CLASSROOM

	BASIC MODEL	STANDARD MODEL	FULLY FEATURED-BEST VALUE
Item #	TJ611	750-S0	TP2611
Capacity	610g (2610g w/optional attachment weights)	610g (2610g w/optional attachment weights)	2610g
Readability	0.1g	0.1g	0.1g
Warranty	3 YRS	5 YRS	10 YRS
Attachment Weights	Sold separately	Sold separately	Included
Security Loop (Cable Sold Separately)	YES	YES	YES
Rod & Clamp	NA	Sold separately	Included
Kensington Security Slot	NA	NA	Yes (cable sold separately)
Transportation/Storage Lock	NA	NA	YES
Carrying Handle	NA	NA	YES
List Price	\$132	\$147	\$163

Accessories		
Metric Attachment Mass Set, 2 - 1000g, 1 - 500g, for Metric Triple Beam Balance	Item # 707-00	\$42
Avoirdupois Attachment Mass Set, 2 - 2lb, 1 - 1lb, for Avoirdupois Triple Beam Balance	Item # 807-03	\$48
Security Device for Triple Beam Pro only	Item # 470004-010	\$127
Security Device for Triple Beam & Triple Beam Pro	Item # 76288-01	\$52
Polypropylene Scoop, 12" x 6" x 2.75" footed & 38g counterweight (for Triple Beam Balance without tare), Scoop weight 128g	Item # 703-00	\$29
Stainless Steel Scoop, 12" x 6" x 2.75" and counterweight (for Triple Beam Balance without tare), Scoop weight 148g	Item # 703-S0	\$70
Polypropylene Maxi-Scoop, 10" dia. x 2.5" deep pouring spout, weight 142g & 42g counterweight for Triple Beam Balance	Item # 704-00	\$31
Vinyl Dust Cover for Triple Beam Balances	Item # 706-00	\$20
Rod & Clamp Assembly for Triple Beam and Harvard Trip Balances	Item # 183-00	\$39

Specialty Triple Beams



SPECIALTY TRIPLE BEAMS

Designed with same quality and craftsmanship as the standard OHAUS 750-S0, these triple beams serve specific classroom needs by offering scoops, animal containers, pans, tare beams and more! Refer to the chart below for specific configurations. Each balance offers a generous 5 year warranty and the same accurate results you've come to expect from an OHAUS balance. Grades 4-12 (Ages 10 & up)

**5 YEAR
WARRANTY!**



Triple Beam with Polypropylene Scoop
(Model 720-00)



Triple Beam with Animal Container
(Model 730-00)



Triple Beam with Stainless Steel Pan
(Model 710-00)



Triple Beam with Stainless Steel Scoop
(Model 720-S0)



Dial-O-Gram® with Attachment Masses
(Model 1650-W0)

Specialty Triple Beam						
Description	with Stainless Steel Pan	with Stainless Steel Pan & Tare	with Polypropylene Scoop	with Stainless Steel Scoop	with Animal Container	with Stainless Steel Plate & Tare
Item #	710-00	710-T0	720-00	720-S0	730-00	760-00
Capacity	610g	610g	610g	610g	610g	610g
Readability	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Pan/Platform size	15.2 cm (6" Diameter)	15.2 cm (6" Diameter)	30.5 × 15.2 × 7 cm (12 × 6 × 2.75")	30.5 × 15.2 × 7 cm (12 × 6 × 2.75")	22.9 cm Dia. × 15.2 cm H (9" × 6")	15.2 cm (6" Diameter)
List Price	\$197	\$242	\$233	\$271	\$292	\$205

Dial-O-Gram®			
Description	with Stainless Steel Pan & Tare	with Stainless Steel Plate & Tare	with Stainless Steel Plate, Tare & Attachment Masses
Item #	1610-00	1650-00	1650-W0
Capacity	610g	610g	2610g
Readability	0.1g	0.1g	0.1g
Pan/Platform size	15.2 cm Diameter (6" Diameter)	15.2 cm Diameter (6" Diameter)	15.2 cm Diameter (6" Diameter)
List Price	\$288	\$251	\$288

Mechanical Balances

HARVARD TRIP

Two-pan design is ideal for comparative weighing

Based on the classic Roberval balance principle, the Harvard Trip balance allows the determination of the difference in mass (rather than absolute value) between two objects.

OHAUS Value:

Strong construction and precision-engineered, built-in sliding masses for easy weighing, magnetic dampening for quicker results, self-aligning with beam design and special floating agate bearing, counterbalancing knob provides quick zeroing and stays in position, many years of precision and reproducibility with hardened steel edges, stainless steel plates. Grades 4-12 (Ages 10 and up)

Harvard Trip	Single Beam	Double Beam	Double w/Tare
Capacity	2000g		
Readability	0.1g		
Tare capacity	—	—	225g
Top Beam Calibration	10g × 0.1g	10g × 0.1g	10g × 0.1g
Bottom Beam	—	200g × 10g	200g × 10g
Stainless steel plate Platform Diameter	6/15.2 (in/cm)		
Item #	1450-SD	1550-SD	1560-SD
List Price	\$259	\$278	\$290
Accessories			
Rod and Clamp Accessory for Harvard Trip		Item # 183-00	\$39



Harvard Trip
United States Patent and Trademark Office
Design Trademark Registration Number 1,439,006
(Registered 1,437,111 with dial)

CENT-O-GRAM® & DIAL-O-GRAM®

Quality, high precision overhead mechanical balances

OHAUS Cent-O-Gram and Dial-O-Gram Overhead Balances offer the accuracy and convenience of an integrated weigh-below balance while allowing students to visualize mass measurement principles. Designed with a hanging pan system, both balances offer 10 times the readability of the OHAUS Triple Beam and Dial-O-Gram top-loading balances. The Vernier dial on the Dial-O-Gram 310 replaces two of the beams and is a great time saver. Grades 6-12 (Ages 12 and up)

OHAUS Value:

Self-aligning with beam design and special floating agate bearings, counterbalancing knob provides quick zeroing and stays in position, magnetic dampening for quicker results, durable with aluminum pressure casting for the base and beam assembly, removable stainless steel pan.

	Cent-O-Gram®	Dial-O-Gram®
Capacity (g)	311	310
Readability (g)	0.01	0.01
Front Beam Calibration (g)	1 × 0.01	100 × 10
Second Beam	10 × 1	100 × 10
Third Beam	100 × 10	100 × 10
Rear Beam	200 × 100	10 × 0.01
Dial	—	10 × 0.01
Stainless Steel Pan (removable) Platform Diameter × Depth (in/cm)	3.5 × 0.5/8.9 × 0.7	
Item #	311-00	310-00
List Price	\$229	\$277
Accessories		
Test Tube Kit for 311-00 and 310-00 Balances	Item# 76912-01	\$20



Cent-O-Gram®
United States Patent and Trademark Office Design
Trademark Registration # 1,437,797



Dial-O-Gram®
United States Patent and Trademark Office Design
Trademark Registration # 1,436,267

Round Pan Model

**5 YEAR
WARRANTY!**

Milligram Model

Square Pan Model

Enhance your student's experience with the new Scout Pro Virtual Lab software and Virtual Lab bundles!

-see insert in this Brochure for details

SCOUT® PRO

Education Edition

- ✓ Internal overload protection ensures your balance is safe from damage when excessive weight is placed on the pan
- ✓ Sudden impact protection eliminates the worry of dropping or being unexpectedly struck in the lab
- ✓ Encapsulated strain gauges protect against corrosion and humidity, resulting in superior performance over a longer period of time
- ✓ Interface with data acquisition devices—interfaces with the most popular data acquisition devices in education

Classroom-practical features, superior performance and simple operation have made the OHAUS Scout Pro balances the most popular and durable electronic balances in science labs today. With models offering optional USB or RS232 interface, milligram readability, multiple weighing units, a variety of application modes and now the ability to use your Scout Pro as a data logging sensor, the experimental possibilities are virtually endless.



OHAUS Value:

- ✓ Easy-to-use for students of all skill levels.
- ✓ Large LCD display—View student's results from any angle.
- ✓ Integrated weigh-below hook—Attached hook can't be lost!
- ✓ Easy to keep clean with sealed front panel, molded spill ring and removable stainless steel platform





Every Scout Pro Education Balance includes:

A free above-balance density/specific gravity determination kit (all education models up to 4000g), AC adapter, integrated weigh-below hook, integrated security bracket, free calibration weight (all models up to 600g), USB/RS232 option (interface separate purchase.)

Scout® Pro										
Capacity (g)	120*	200	400	600	400	600	2000	4000	6000	6000
Readability (g)	0.001	0.01			0.1					1
Weighing Units	g, N, oz					g,N,oz,lb	g, kg, N, oz, lb			
Application Modes	Specific Gravity, Parts Counting, Percentage Weighing, Totalization, Display Hold									
Power Requirements	AC Adapter (included) or 4-AA Batteries (not included)									
Calibration	Digital Calibration From Keypad									
Display	High Contrast LCD with 6 digits 0.6in/15mm high									
Pan Size (in/cm)	3.6/9 Diameter	4.7/12 Diameter				6.5 × 5.6/16.5 × 14 (W × D)				
Dimensions W × H × D (in/cm)	7.5 × 4.4 × 8.3/ 19.2 × 10.8 × 21	7.56 × 2.13 × 8.27/19.2 × 5.4 × 21								
Item #	SPE123	SPE202	SPE402	SPE602	SPE401	SPE601	SPE2001	SPE4001	SPE6001	SPE6000
List Price	\$506	\$370	\$520	\$609	\$204	\$302	\$383	\$560	\$632	\$317

*Includes draft shield

Accessories		
OHAUS Collect Software	Item # 80500746	\$469
Hard Shell Carrying Case	Item # 77256-01	\$70
Security Device	Item # 76288-01	\$52
Scout Pro in-use cover, Pk of 3	Item # 71168909	\$29
Scout Pro USB Interface Kit (cable included)	Item # 71147376	\$101
Scout Pro RS232 Interface (9-pin cable included)	Item # 71147377	\$101





Every CS model includes a stainless steel pan and AC Power Pack (a \$40 value!)

COMPACT

The economical portable scale

- ✓ Includes AC adapter and stainless steel pan
- ✓ Perfect for lab prep work or teacher demonstrations

From the classroom to the field, our Compact Scales are reliable and easy to use. The portable Compact moves with you to any environment and has a long battery life for all-day field experiments. Consistent, quick weighing has never been so easy!



Compact			
Capacity × Readability (g)	200 × 0.1	2000 × 1	5000 × 1
Pan Size (in/cm)	5.75 × 5.25/14.6 × 13.3		
Dimensions (W × H × D) (in/cm)	7.6 × 5.3 × 1.5/19.3 × 13.5 × 3.9		
Span Mass (g)	200	1000	2000
Item #	CS200	CS2000	CS5000
List Price	\$114	\$114	\$134



POCKET

Small enough to fit in your shirt pocket!

- ✓ High contrast LCD
- ✓ Energy-saving auto shut-off feature
- ✓ Low battery, stability, overload and underload indicators

OHAUS PS pocket scales deliver great performance in a unique stylish yet functional design. The combination pan & cover slides back for weighing and forward to cover the display and keys for storage or transport. Two mechanical buttons and a crisp LCD allow for simple, quick operation.



Pocket		
Capacity × Readability (g)	120 × 0.1	250 × 0.1
Weighing Units	g, oz, ozt, dwt	
Pan Size (in/mm)	2.36 × 2.75/60 × 70	
Item #	PS121	PS251
List Price	\$56	\$66

HAND-HELD

When you need mobility

- ✓ **Energy-saving auto shut-off feature**
- ✓ **Runs on two AAA batteries (included)**
- ✓ **Low battery, overload and underload indicators**

This pocket size electronic balance is perfect for teacher preparation, field use, and workshops. OHAUS accuracy that's convenient to take anywhere!

OHAUS Value:

Generous 3.3" x 3" weighing surface, backlit display on HH120 and HH320 models, rugged plastic construction, protective snap-on cover included.



Hand-Held			
Capacity × Readability (g)	0-60×0.1/60-120×0.2	120 × 0.1	320 × 0.1
Weighing Units	g	g, oz, dwt, oz t	
Pan Size L × W (in/cm)	3.25 × 3.0/8.3 × 7.6		
Dimensions L × W × H (in/cm)	5.35 × 3.25 × 0.8/13.6 × 8.3 × 2.0		
Item #	HH120D	HH120	HH320
List Price	\$118	\$142	\$176

YA SERIES

Accuracy on the go!

- ✓ **Use it on field trips when you need complete portability**
- ✓ **Perfect for determining the mass of rocks, minerals and crystals**
- ✓ **Flip top lid protects the pan & display while fitting easily into your pocket**
- ✓ **Powered by 2 "AAA" batteries (included)**

The OHAUS YA Series pocket scale delivers great performance in a stylish, yet functional design and convenient size, that's ideal to take anywhere—carry it in a brief case or drop it in your pocket!

With a bright, backlit LCD and simple, quick operation, there's no reason to settle for other brands when you can have the BEST IN CLASS from OHAUS.



YA Series			
Capacity x Readability (g)	100 x 0.01	300 x 0.05	500 x 0.1
Pan Size (in/cm)	2.75 x 1.9/70 x 50		
Dimensions (W x H x D) (in/cm)	4.3 x 2.9 x 0.7/110 x 75 x 20		
Weighing Units	g, oz, ct, gn		
Item #	YA102	YA302	YA501
List Price	\$72	\$60	\$41

Analytical & Toploading Balances

**ALL MODELS
INCLUDE RS232
STANDARD**

(Interface kit sold separately)

PIONEER™ SERIES

Analytical and Precision Balances

- ✓ **Easy to Clean Analytical Draftshield**—Designed with all glass panels, including three sliding doors. All panels are easy to remove and replace, and together with a stainless steel bottom, make it fast and easy to clean
- ✓ **Upfront Level Indicator**—Quickly ensure the balance is level prior to use
- ✓ **Selectable Environmental Settings**—Three filter modes and adjustable zero tracking adjust balance sensitivity to environmental disturbances

The Best Balance For Basic Weighing!

With the right combination of performance and features, the OHAUS Pioneer Series of analytical and precision balances offers uncomplicated performance for all your basic weighing needs. Not recommended for students under the age of 12.

Standard Features Include:

Removable Doors for Convenient Access and Easy Cleaning

Pioneer's draftshield has been designed with easy to remove doors and panels. Disassembly takes just seconds and all components, including the balance housing, can be quickly wiped clean.

Periodic cleaning made easy helps to avoid sample contamination and extends product life. In addition, a standard in-use cover provides added protection against accidental spillage and helps minimize the chance of damage to the display and keypad.

Upfront Level Indicator Ensures Accuracy

The up-front level indicator eliminates the need to look behind the balance during the leveling process.

Environmental Settings for Working in Practically Any Condition

Pioneer is designed with selectable environmental settings. When working in harsh environments, the balance can be adjusted to compensate for vibrations and other disturbances. Conversely, the balance can be adjusted for working in slow filling applications where sensitivity is a must.

Other Standard Features and Equipment

AC adapter, user selectable span calibration points, software reset menu, stability indicator, Auto Tare, user selectable communications settings, user selectable printing options, stainless steel platform



Pioneer™									
Models	PA64	PA114	PA214	PA153	PA313	PA512	PA1502	PA3102	PA4101
Capacity (g)	65	110	210	150	310	510	1500	3100	4100
Readability D (g)	0.0001			0.001		0.01			0.1
Application Modes	Weighing, Parts Counting, Percent								
Weighing Units	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, tael (3)					g, lb, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, tael (3)		g, kg, lb, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, tael (3)	
Platform Size	90 mm Diameter			120 mm Diameter		180 mm Diameter			
Balance Dimensions W × H × D (in/cm)	7.7 × 11.3 × 12.6/19.6 × 28.7 × 32					7.7 × 3.6 × 12.6/19.6 × 9.2 × 32			
Draftshield	Yes					None			
List Price	\$1,957	\$2,236	\$2,472	\$1,171	\$1,294	\$995	\$1,171	\$1,325	\$862

ADVENTURER™ PRO

The most complete balance in its class

- ✓ **SmarText™ software** easily guides users through applications
- ✓ **USB connection option** expands the capability of your Adventurer Pro to interface with the most popular data acquisition devices in education

The Adventurer Pro is the industry's most versatile balance: it counts, it sums, it holds and it delivers traceable results. No other balance in its class offers as many features in a compact design. Includes integrated security bracket. Not recommended for students under the age of 12.

Multiple application modes:

Basic weighing, parts counting, percent weighing, animal/dynamic weighing, totalization, display hold, weigh below balance

Adventurer™ Pro						
Capacity (g)	51*	210	410	810	4100	8100
Readability (g)	0.00	0.01			0.1	
Weighing Units	mg, g, kg, oz, lbs, ozt, ct, dwt, tael(3), momme, grain, tical, Newton, Mesghal, tola, user-programmable custom unit					
Pan Size (in/cm)	3.9/10 Diameter	4.7/12 Dia.	5.8 × 6.3/14.9 × 16.2			
Dimensions W × H × D (in/cm)	7.5 × 5.6 × 10/ 19.3 × 14.4 × 25.4	7.5 × 2.8 × 10/19.3 × 7.2 × 25.4				
Item #	AV53	AV212	AV412	AV812	AV4101	AV8101
List Price	\$929	\$810	\$903	\$1,026	\$903	\$1,026

*Draftshield included



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Navigator



Navigator XL

	Navigator®						Navigator® XL					
Capacity (g)	210	510	1100	2100	4100	5100	510	1100	2100	5100	10000	20000
Readability (g)	0.01	0.1	0.1	0.1	0.2	0.5	0.1	0.1	0.1	0.5	1	1
Weighing Units	g, kg, oz (decimal/fractional), lb, lb:oz (decimal/fractional), ozt, ct, grain, Newton, dwt, tical, tola, tael(3)											
Pan Size (in/cm)	120mm diameter			190 x 138mm			194 × 203 mm					
Dimensions W×H×D (in/cm)	204 x 212 x 58						204 × 282 × 74 mm					
Item #	NV212	NV511	NV1101	NV2101	NV4101	NV5101	NVL511/1	NVL1101/1	NVL2101/1	NVL5101/1	NVL10001/1	NVL20000/1
List Price	\$483	\$420	\$452	\$483	\$483	\$483	\$462	\$504	\$546	\$525	\$588	\$588



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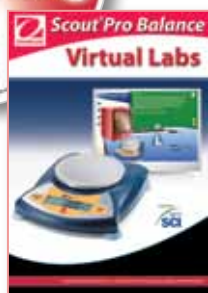
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OHAUS VIRTUAL LAB

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Triple Beam Pro



Harvard Junior

ANATOMY OF A VIRTUAL LAB PROGRAM

✓ Educational Tutorials & Virtual Lab Investigations

Animated, narrated and interactive tutorials each covering three grade and balance appropriate categories: Balance Theory, Measurement and Working with Data, Science Concepts in Balance Activities. Three interactive and narrated virtual lab investigations complete with objectives, safety procedures and lab analysis questions.

✓ Teacher Resource section

Included on the CD are numerous resources for both you and your students such as:

- Balance trouble-shooting guides
- Student study guides
- Visual handouts
- Concept animations
- Printable hands-on activities & more

✓ Virtual Notebook

Each virtual lab boasts its own virtual notebook where data can be recorded, analyzed and submitted to the teacher electronically or in printed format.

✓ Create-A-Presentation

The Create-A-Presentation module allows you to utilize the included software content, or your own images and information, to create a classroom presentation or topic review.

✓ Create-A-Test Module

Modify or create your own assessments or quizzes. Question types that can be created include: multiple choice, true/false, essay, concept mapping, term/definition and labeling. You can use the content provided in the software, import your own or a combination of both.

✓ The Take-A-Test module

Automatically select assessment questions from content covered in the Tutorials and Virtual Labs. Assessments may be taken in "Practice" mode where immediate "correct" or "incorrect" feedback is given to the student after each question; or use traditional "Test" mode which is scored after completion. Results may be printed or saved and sent to you electronically.

✓ Comprehensive Glossary of Terms

A comprehensive glossary of key terms is also included with the software. These terms are highlighted and "hot linked" in the text of the tutorials to allow students to quickly see the definition of a term.



A great way to differentiate student instruction. The software offers a self-guided, multi-sensory approach to learning.

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OHAUS VIRTUAL LAB

Interactive Software Bundles

SPECIFICATIONS

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(1 Scout Pro Balance, 1 Single User CD-ROM)



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Model	SPE123B	SPE202B	SPE402B	SPE602B	SPE401B	SPE601B	SPE2001/B	SPE4001/B	SPE6001/B	SPE6000/B
Capacity (g)	120	200	400	600	400	600	2000	4000	6000	6000
Readability (g)	0.001	0.01			0.1					1
Bundle List	\$548	\$411	\$562	\$650	\$246	\$344	\$425	\$602	\$673	\$358
80104148 Scout Pro Virtual Lab Software Only (Single User License) \$105										
80104149 Scout Pro Virtual Lab Software Only (Building Network License) \$315										

OHAUS Triple Beam Balance Virtual Lab Bundles

(1 Triple Beam Balance, 1 Single User CD-ROM)



Triple Beam Balance Virtual Lab Bundles		
Model	80104165	80104166
Description	750-S0 Triple Beam w/Single User CD-ROM	TP2611 Triple Pro w/Single User CD-ROM
Capacity (g)	610	2610
Readability (g)	0.1	0.1
Bundle List	\$189	\$205
80104162 Triple Beam Balance Virtual Lab Software Only (Single User License) \$105		
80104163 Triple Beam Balance Virtual Lab Software Only (Building Network License) \$315		

OHAUS Harvard Junior™ Balance & Measurement Bundles

Harvard Junior™ Balance & Measurement Bundles		
Model	80104169	80104170
Description	Includes 1 HJ Balance w/Single User CD-ROM	Includes 2 HJ Balances, 1 OHAUS Measurement Kit and 1 Single User CD-ROM
Capacity (g)	2000	2000
Readability (g)	0.5	0.5
Bundle List	\$132	\$282
80104167 Harvard Junior Virtual Lab Software Only (Single User License) \$105		
80104168 Harvard Junior Virtual Lab Software Only (Building Network License) \$315		



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