



2015 Education Products

High Performance Measurement Equipment



Starter Bench Meter



Triple Beam



Scout® Pro

Ingeniously Practical

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Water Quality Test Meters

Starter Bench Meters

Smart Bench Meters for a Variety of Laboratory Applications



Starter 2100

Starter 3100

- **Intuitive Software Powers the Starter Series**—Intuitive software and a well-organized LCD display work in tandem to make operating the Starter Series a simple and straightforward task.
- **Functional Design Assists with Ease-of-Use**—With five clearly marked input keys and built-in or standalone electrode holders, operating the Starter bench meters and obtaining your measurements is an easy process.
- **Reliable Calibration Results in Accurate Measurement**—Starter tracks the accuracy of the calibration process right on the display so you can measure with peace-of-mind knowing your results will be highly precise.

OHAUS benchtop electrochemistry products include pH and conductivity meters that can also test for salinity, TDS, and ORP. The Starter Series of benchtop meters includes a wide breadth of products from basic level meters that offer high performance at a great value to premium performance products that have extended and advanced functionality.

| Model | ST2100* pH/mV/Temp Meter | ST3100* pH/mV/Temp Meter | ST3100C EC/TDS/Salinity/Temp Meter |
|--------------------------|---|---|--|
| Measurement Range | 0.00...14.00 pH -1999...1999 mV 0 °C...100 °C | -2.00...16.00 pH -1999...1999 mV -5 °C...110 °C | 00.0 µS/cm...199.9 mS/cm 0.1 mg/l...199.9 g/l (TDS) 0.00 ... 19.99 psu (Salinity) 0 °C...100 °C |
| Resolution | 0.01 pH 1 mV 0.1 °C | 0.01 pH 1 mV 0.1 °C | Automatic Range 0.1 °C |
| Error Limits | ± 0.01 pH ± 1 mV ± 0.5 °C | ± 0.01 pH ± 1 mV ± 0.5 °C | ± 0.5 % of the Measured Value ± 0.3 °C |
| Calibration | 1 or 2 Points 1 Predefined Buffer Group (4.01, 7.00, 10.01) | 3 Points 3 Predefined Buffer Groups | 1 Point 3 Predefined Standards |
| Memory | Last Calibration Data | 99 Measurements Last Calibration Data | 99 Measurements Last Calibration Data |
| Power Supply | 110-240V/50Hz, DC 12V | 110-240V/50Hz, DC 12V | 110-240V/50Hz, DC 12V |
| Size/Weight | Approximately 220 W × 175 D × 78 H mm / 0.75 kg | Approximately 220 W × 175 D × 78 H mm / 0.75 kg | Approximately 220 W × 175 D × 78 H mm / 0.75 kg |
| Display | Liquid crystal | Liquid Crystal Backlight | Liquid Crystal Backlight |
| Input | BNC, impedance > 10e+12 Ω Cinch, NTC 30 kΩ | BNC, impedance > 10e+12 Ω Cinch, NTC 30 kΩ | Mini-Din |
| Temperature Compensation | ATC & MTC | ATC & MTC | Linear: 0.00 %/°C... 10.00 %/°C Reference Temperature: 20 & 25 °C |
| Housing | ABS | ABS | ABS |

| Model | ST2100 | List Price |
|----------|--|------------|
| ST2100-B | 2100 Meter with Built-in Electrode Arm | \$290 |
| ST2100-E | 2100 Meter, ST210 2-in-1 Plastic Refillable pH Electrode and pH Buffer Powder Sachet | \$329 |
| ST2100-F | 2100 Meter, ST210 2-in-1 Plastic Refillable pH Electrode+STTEMP30 Temperature Electrode, and pH Buffer Powder Sachet | \$369 |

| Model | ST3100 | List Price |
|----------|--|------------|
| ST3100-B | 3100 Meter with Standalone Electrode Holder | \$450 |
| ST3100-F | 3100 Meter with ST310 3-in-1 Plastic Refillable pH Electrode, pH Buffer Powder Sachet and In-Use Cover | \$560 |

| Model | ST3100C | List Price |
|-----------|--|------------|
| ST3100C-B | 3100C Meter with Standalone Electrode Holder, and 2 Small Bottles of Standard Conductivity Solution—1413 µS/cm and 12.88mS/cm) | \$489 |
| ST3100C-F | 3100C Meter with Standalone Electrode Holder, STCON3 4-Ring Conductivity Electrode ((70 µS/cm-200mS/cm)) and In-Use Cover | \$659 |

Measure ORP with ST2100 and ST3100 using optional electrodes, STORP1 Gel, Plastic electrode (Item 30038555) or STORP2 Refillable glass electrode (Item 30038553)

Starter Pen Meters

Accurate Results Anywhere and Anytime you Need Them

- **Simple Operation in a Slim and Portable Design**—Starter pen meters provide what should be expected of a small pen meter: simple, fast, straightforward, no-frills yet highly accurate operation time and time again.
- **Durably Constructed to Withstand Wear and Tear Resulting from Repetitive use**—With a durable plastic housing, a protective cap that safeguards the sensor and an automatic shutdown feature to preserve battery life, the Starter pen meters can endure consistent use in rugged environments.
- **Waterproof Housing Protects the Meters in their Working Environment**—Equipped with a wrist strap that helps to prevent unintentional dropping, Starter pen meters are constructed with an IP67 waterproof, designed that can prevent water damage when accidentally dropped into liquid designed to float.

OHAUS pen meters provide accurate measurement of pH, oxidation-reduction potential (ORP), conductivity, salinity, and total dissolved solids (TDS). Starter pen meters are the economical option when you are simply looking for meters that will provide accurate measurement with no restriction.



| pH Meters | ST20 | ST10 |
|--------------------------|-----------------------------------|----------|
| Range | 0.00-14.00 | 0.0-14.0 |
| Resolution | 0.01pH | 0.1pH |
| Accuracy | 0.05pH | 0.1pH |
| Temperature Range | 0.0-99.0 °C | NA |
| Temperature Compensation | Yes | NA |
| Calibration | 1, 2, 3 Point | NA |
| Buffer group | 4.01, 7.00, 10.01 | NA |
| Automatic Shutdown | 6 Minutes of Non-Use | |
| Battery | 4 x 1.5V Micro Alkaline Batteries | |
| List Price | \$89 | \$49 |

| ORP Meters | ST20R | ST10R |
|--------------------------|-----------------------------------|----------------------|
| Range | -1000mV-1000mV | -1000mV-1000mV |
| Resolution | 1mV | 1mV |
| Accuracy | 2mV | 2mV |
| Temperature Range | 0.0-99.0 °C | NA |
| Temperature Compensation | Yes | NA |
| Calibration | NA | NA |
| Automatic Shutdown | 6 Minutes of Non-Use | 6 Minutes of Non-Use |
| Battery | 4 x 1.5V Micro Alkaline Batteries | |
| List Price | \$145 | \$110 |

| Salinity Meters | ST20S | ST10S |
|--------------------|-----------------------------------|-----------------------------|
| Range | 0.0-80.0 ppt | 0.0-10.0 ppt |
| Resolution | 0.1 ppt | 0.1 ppt |
| Accuracy | ±1.5% FS | ±2.5% FS |
| ATC | With Temperature Display | Without Temperature Display |
| Display | Dual | Single |
| Automatic Shutdown | 6 Minutes of Non-Use | 6 Minutes of Non-Use |
| Battery | 4 x 1.5V Micro Alkaline Batteries | |
| List Price | \$95 | \$65 |

| Conductivity Meters | ST20C-C | ST20C-B | ST20C-A |
|---------------------|-----------------------------------|--------------|-----------------|
| Range | 0.00-19.99 ms/cm | 0-1999 us/cm | 0.0-199.9 us/cm |
| Resolution | 10 us/cm | 1 us/cm | 0.1 us/cm |
| Accuracy | ±1.5% FS | ±1.5% FS | ±1.5% FS |
| ATC | With Temperature Display | | |
| Display | Dual | Dual | Dual |
| Automatic Shutdown | 6 Minutes of Non-Use | | |
| Battery | 4 x 1.5V Micro Alkaline Batteries | | |
| List Price | \$95 | \$95 | \$95 |

| Conductivity Meters | ST10C-C | ST10C-B | ST10C-A |
|---------------------|-----------------------------------|--------------|-----------------|
| Range | 0.00-19.99 ms/cm | 0-1999 us/cm | 0.0-199.9 us/cm |
| Resolution | 10 us/cm | 1 us/cm | 0.1 us/cm |
| Accuracy | ±2.5% FS | ±2.5% FS | ±2.5% FS |
| ATC | Without Temperature Display | | |
| Display | Single | Single | Single |
| Automatic Shutdown | 6 Minutes of Non-Use | | |
| Battery | 4 x 1.5V Micro Alkaline Batteries | | |
| List Price | \$67 | \$67 | \$67 |

| TDS Meters | ST20T-A | ST20T-B | ST10T-A | ST10T-B |
|--------------------|----------------------------------|-------------|-----------------------------|-------------|
| Range | 0.0-100.0 mg/L | 0-1000 mg/L | 0.0-100.0 mg/L | 0-1000 mg/L |
| Resolution | 0.1 mg/L | 1 mg/L | 0.1 mg/L | 1 mg/L |
| Accuracy | ±1.5% FS | ±1.5% FS | ±2.5% FS | ±2.5% FS |
| ATC | With Temperature Display | | Without Temperature Display | |
| Display | Dual | | Single | |
| Automatic Shutdown | 6 Minutes of Non-Use | | | |
| Battery | 4 x1.5V Micro Alkaline Batteries | | | |
| List Price | \$95 | \$95 | \$75 | \$75 |

Replaceable electrodes available for all Starter pen meters.



Starter 300C
Conductivity

Starter 300D
Dissolved Oxygen

Starter Portable Meters

Versatile and Portable Meters for Wherever
Your Lessons Take You

- **Intuitive Software Powers the Starter Series** – Intuitive software and a well-organized display work in tandem to make operating the Starter Series a simple and straightforward task.
- **Compact And Ergonomic Design Creates A User Friendly Experience**— Starter portable products fit comfortably in the palm of your hand. Each also comes equipped with a retractable, built-in stand that can be used to prop up the meter on a flat surface.
- **Reliable Calibration Results in Accurate Measurement**—Starter tracks the accuracy of the calibration process right on the display so you can measure with peace-of-mind knowing your results will be highly precise.

OHAUS portable electrochemistry products includes pH, conductivity, and dissolved oxygen meters that can also test for ORP and TDS. These portable meters offer convenience, reliability and durability in one compact design.

| Model | ST300 pH/mV/Temp Meter | ST300C EC/TDS/Temp Meter | ST300D DO/Temp Meter |
|--------------------------|---|--|---|
| Measurement Range | 0.00...14.00 pH -1999...1999 mV 0 °C...100 °C | 0.0 µS/cm...199.9 mS/cm 0.1 mg/L...199.9 g/L (TDS) 0 °C...100 °C | 0.0 to 199.9%; 200 to 400% 0.00 to 19.99; 20.0 to 45.0 mg/L 0.00 to 19.99; 20.0 to 45.0 ppm 0 to 50 °C |
| Measurement Resolution | 0.01 pH 1 mV 0.1 °C | Automatic Range 0.1 °C | 0.1%; 1% 0.1 mg/L; 1 mg/L 0.01 ppm; 0.1 ppm 0.1 °C |
| Barometric Range | NA | NA | 375 to 825 mmHg 500 to 1100 mbar 500 to 1100 hPa |
| Barometric Resolution | NA | NA | 1 mmHg 1 mbar 1 hPa |
| Error limits | ± 0.01 pH ± 1 mV ± 0.5 °C | ± 0.5 % of the Measured Value ± 0.3 °C | ± 1% ; ± 0.3 °C |
| Calibration | 3 Points 1 Predefined Buffer Group | 1 Point 3 Predefined Standards | 1 or 2 Points 100% and 0% |
| Memory | 30 Measurements Last Calibration Data | 30 Measurements Last Calibration Data | 30 Measurements Last Calibration Data |
| Power Supply | 4 × AAA, > 500 Operating Hours | 4 × AAA, > 250 Operating Hours | 4 × AAA, > 250 Operating Hours |
| Size/Weight | Approximately 90 W × 150 D x 35 H mm / 0.18 kg (without batteries) | Approximately 90 W × 150 D x 35 H mm / 0.16 kg (without batteries) | Approximately 90 W × 150 D x 35 H mm / 0.18 kg (without batteries) |
| Display | Liquid Crystal | Liquid Crystal | Liquid Crystal |
| Input | BNC, impedance > 10e+12 Ω Cinch, NTC 30 kΩ | Mini-Din | BNC, Cinch, NTC 30 kΩ |
| Temperature Compensation | ATC & MTC | ATC, Linear: 0.00 %/°C...10.00 %/°C Reference temperature: 20 & 25 °C | ATC & MTC |
| Salinity Compensation | NA | NA | 0.0 to 50.0 ppt |
| IP Protection | IP54 | IP54 | IP54 |
| Housing | ABS | ABS | ABS |

| Model | ST300 | List Price | Model | ST300C | List Price | Model | ST300D | List Price |
|---------|---|------------|--------|---|------------|----------|--|------------|
| ST300 | 300 Meter, ST320 3-in-1 Plastic Gel pH Electrode, and pH Buffer Powder Sachet | \$299 | ST300C | 300C Meter, with STCON3 4-Ring Conductivity Electrode (70 µS/cm-200ms/cm), 2 Small Bottles of Standard Conductivity Solution - 1413 µS/cm and 12.88ms/cm, IP54 Sets, Electrode Clip, Wrist Strap, 4 AAA Batteries | \$399 | ST300D | 300D Meter with STDO11 Galvanic DO Electrode, and STTEMP30 Temperature Electrode | \$579 |
| ST300-B | 300 Meter with IP54 Sets, Electrode Clip, Wrist Strap and 4 AAA Batteries | \$259 | | | | ST300D-B | 300D Meter with IP54 Sets, Electrode Clip, Wrist Strap and 4 AAA Batteries | \$329 |

Electrodes and Accessories

Starter Electrodes

The OHAUS Starter Series includes pH, reference, oxidation-reduction potential (ORP), conductivity, dissolved oxygen (DO) and temperature electrodes that can be used in conjunction with our bench and portable meters. Each electrode has been carefully tested to ensure highly accurate and repeatable results.



| Portable and Bench Meter Replacement Electrodes | Model | List Price |
|---|----------|------------|
| 3-in-1 glass, refillable pH electrode | ST350 | \$149 |
| 2-in-1 glass, refillable pH electrode; 80 x 5 mm | STMICRO5 | \$209 |
| 2-in-1 glass, refillable pH electrode-150 x 8 mm | STMICRO8 | \$223 |
| 2-in-1 glass, refillable pH electrode for Tris samples | ST260 | \$139 |
| 2-in-1 plastic, refillable pH electrode, flat surface | STSURF | \$132 |
| 2 Pole Conductivity electrode (0.02 $\mu\text{S}/\text{cm}$ - 200 $\mu\text{S}/\text{cm}$) | STCON7 | \$449 |
| Starter Pen Meter Replacement Electrodes | Model | List Price |
| Replacement Electrode for ST10 | pH10 ST | \$30 |
| Replacement Electrode for ST20 | pH20 ST | \$54 |
| Replacement Electrode for ST10C-A, ST10T-A | CT10A ST | \$43 |
| Replacement Electrode for ST10C-B, ST10T-B | CT10B ST | \$43 |
| Replacement Electrode for ST10C-C, ST10S | CS10C ST | \$43 |
| Replacement Electrode for ST20C-A, ST20T-A | CT20A ST | \$43 |
| Replacement Electrode for ST20C-B, ST20T-B | CT20B ST | \$43 |
| Replacement Electrode for ST20C-C, ST20S | CS20C ST | \$43 |
| Replacement Electrode for ST10R | R10 ST | \$66 |
| Replacement Electrode for ST20R | R20 ST | \$87 |

| ST300, ST2100 & ST3100 Compatible Electrodes | Model | List Price |
|--|----------|------------|
| 3-in-1 Plastic Refillable pH Electrode | ST310 | \$120 |
| 2-in-1 Plastic Refillable pH Electrode | ST210 | \$55 |
| 3-in-1 Plastic Gel pH Electrode | ST320 | \$120 |
| 2-in 1 Glass Muddy Sample pH Electrode | ST230 | \$104 |
| 2-in-1 Glass Pure Water Sample pH Electrode | STPURE | \$114 |
| Temperature Electrode | STTEMP30 | \$67 |
| Gel Plastic ORP Electrode | STORP1 | \$76 |
| Refillable Glass ORP Electrode | STORP2 | \$205 |
| Silver/Silver Chloride Reference Electrode | STREF1 | \$120 |
| Saturated Calomel (SCE) Reference Electrode | STREF2 | \$157 |
| ST300C & ST3100C Compatible Electrodes | Model | List Price |
| 4-Ring Conductivity Electrode (70 $\mu\text{S}/\text{cm}$ -200 $\mu\text{S}/\text{cm}$) | STCON3 | \$256 |
| 300D Compatible Electrodes | Model | List Price |
| Temperature Electrode | STTEMP30 | \$67 |
| Galvanic DO Electrode | STD011 | \$312 |

| Buffers & Accessories | OHAUS Item Number | 300 | 300C | 300D | ST2100 | ST3100 | ST3100C | List Price |
|---|-------------------|-----|------|------|--------|--------|---------|------------|
| pH Buffer Powder Sachet (4.01; 7.00; 10.01) | 83033971 | ● | | | ● | ● | | \$15 |
| pH Buffer 4.01 250ml*6) | 30065083 | ● | | | ● | ● | | \$140 |
| pH Buffer 7.00 250ml*6 | 30065084 | ● | | | ● | ● | | \$140 |
| pH Buffer 10.01 250ml*6 | 30065086 | ● | | | ● | ● | | \$165 |
| pH Electrode Reference Electrolyte | 30059255 | ● | | | ● | ● | | \$24 |
| pH Electrode Protection Solution (3M KCl) | 30059256 | ● | | | ● | ● | | \$18 |
| Standard Conductivity Solution 84 $\mu\text{S}/\text{cm}$ 250ml*6 | 30065087 | | ● | | | | ● | \$200 |
| Standard Conductivity Solution 1413 $\mu\text{S}/\text{cm}$ 250ml*6 | 30065088 | | ● | | | | ● | \$140 |
| Standard Conductivity Solution 12.88mS/cm 250ml*6 | 30065089 | | ● | | | | ● | \$140 |

Elementary Measurement Solutions



8-piece, metal mass set included

Harvard Junior

Mechanical Balance

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

3 YEAR WARRANTY!



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

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.

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 | |
|----------------|---------------------------|
| Model | HJ2001 |
| Capacity | 2000(g) |
| Readability | 0.5(g) |
| Mass Set | Included, 8pc Metal, 370g |
| List Price | \$105 |

| Bundles & Software | Item No. | List Price |
|--|----------|------------|
| HJ2001 with Virtual Lab | 80104169 | \$151 |
| HJ2001 with Virtual Lab and GM 101 | 80104170 | \$324 |
| Harvard Junior Virtual Lab, Single User | 80104167 | \$118 |
| Harvard Junior Virtual Lab, Network User | 80104168 | \$352 |

FREE PRESENTATION SOFTWARE WITH EACH KIT!



Measurement Skills Assessment Review Kit

Making "Fun" of Measurement in the Elementary Classroom
Grade Level focus: Grades 2-6 (Ages 8-12)

The OHAUS Measurement Game is specifically developed to provide comprehensive coverage of a variety of measurement topics for elementary students. With its simple but effective board game format, students quiz and learn from each other in groups of 2 or 3 while the teacher is free to manage the classroom and provide guidance during the activity. Each game board has both a short and long version of the game to allow for flexibility in amount of time spent on the activity. Games are quickly setup, easily cleaned up and stored in their own convenient box. Includes software compatible with interactive whiteboards.

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)



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

The OHAUS Measurement Review Kit also features:

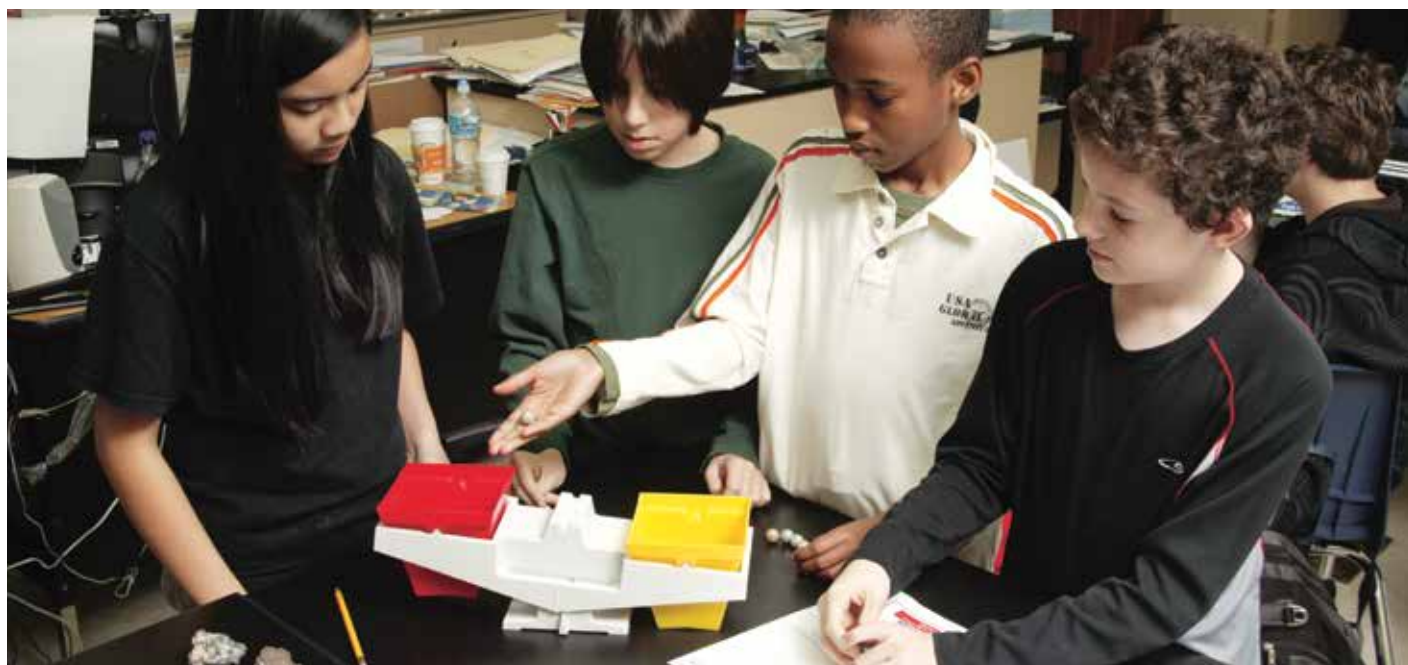
- Comprehensive coverage of up-to-date measurement concepts
- No consumable materials to purchase year after year
- Differentiated instruction capabilities accommodating visual, tactile, oral and aural learning styles
- Flexible design that accommodates lesson times from 5 to 30+ minutes
- Standard rules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

| Math & Science Measurement Review Kit | |
|---------------------------------------|-------|
| Model | GM101 |
| List Price | \$92 |

BUY THE BUNDLE AND SAVE!

OHAUS Harvard Junior Measurement Bundle includes
2 Harvard Junior balances and 1 Measurement Kit.
Item # 80252097. List Price \$268

Elementary Balances



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

School Balance



Primer Balance

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 |
|------------------------------------|-------------------|-------------------|
| Model | SB1200 | 80410-00 |
| Capacity | 2000(g) | 2000(g) |
| Readability | 0.5(g) | 1(g) |
| Polystyrene Platform W x H (in/cm) | 5.5 x 5.5/14 x 14 | 4 x 4/10.2 x 10.2 |
| List Price | \$50 | \$36 |

BUY THE BUNDLE AND SAVE!

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

Item # 80252137. List price \$327

Triple Beam Balances



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 damping to speed up weighing

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



Triple Beam (Model TJ611)
3 Year Warranty



Triple Beam (Model 750-S0)
5 Year Warranty



Triple Pro (Model TP2611)
10 Year Warranty

| | BASIC MODEL | STANDARD MODEL | FULLY FEATURED-BEST VALUE |
|---------------------------------------|---|---|-----------------------------|
| Model | 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 | \$147 | \$163 | \$182 |

| Accessories | Item No. | Price List |
|--|----------|------------|
| Metric Attachment Mass Set, 2 - 1000g, 1 - 500g, for Metric Triple Beam Balance | 80780108 | \$52 |
| Security Device for Triple Beam Pro only | 80850043 | \$158 |
| Security Device for Triple Beam & Triple Beam Pro | 80850000 | \$60 |
| Polypropylene Scoop, 12" x 6" x 2.75" footed & 38g counterweight (for Triple Beam Balance without tare), Scoop weight 128g | 80780014 | \$37 |
| Stainless Steel Scoop, 12" x 6" x 2.75" and counterweight (for Triple Beam Balance without tare), Scoop weight 148g | 80780015 | \$88 |
| Polypropylene Maxi-Scoop, 10" dia. x 2.5" deep pouring spout, weight 142g & 42g counterweight fo Triple Beam Balance | 80780016 | \$39 |
| Vinyl Dust Cover for Triple Beam Balances | 80780017 | \$26 |
| Rod & Clamp Assembly for Triple Beam and Harvard Trip Balances | 80780011 | \$50 |
| Triple Beam Virtual Lab, Single User | 80104162 | \$118 |
| Triple Beam Virtual Lab, Network User | 80104163 | \$352 |

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 |
|-------------------|--------------------------|---------------------------------|--|--|---------------------------------------|-----------------------------------|
| Model | 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 | \$223 | \$273 | \$264 | \$306 | \$330 | \$231 |

Dial-O-Gram®

| Description | with Stainless Steel Pan & Tare | with Stainless Steel Plate & Tare | with Stainless Steel Plate, Tare & Attachment Masses |
|-------------------|---------------------------------|-----------------------------------|--|
| Model | 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 | \$338 | \$294 | \$338 |

Mechanical Balances



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

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 damping 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) | | |
| Model | 1450-SD | 1550-SD | 1560-SD |
| List Price | \$304 | \$326 | \$340 |
| Accessories | | | |
| Rod and Clamp Accessory for Harvard Trip | | Item 80780011 | \$50 |



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

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 damping 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) | 100 × 10 | 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 | |
| Model | 311-00 | 310-00 |
| List Price | \$268 | \$325 |
| Accessories | | Item No. |
| Test Tube Kit for 311-00 and 310-00 Balances | | Item 80780018 \$26 |



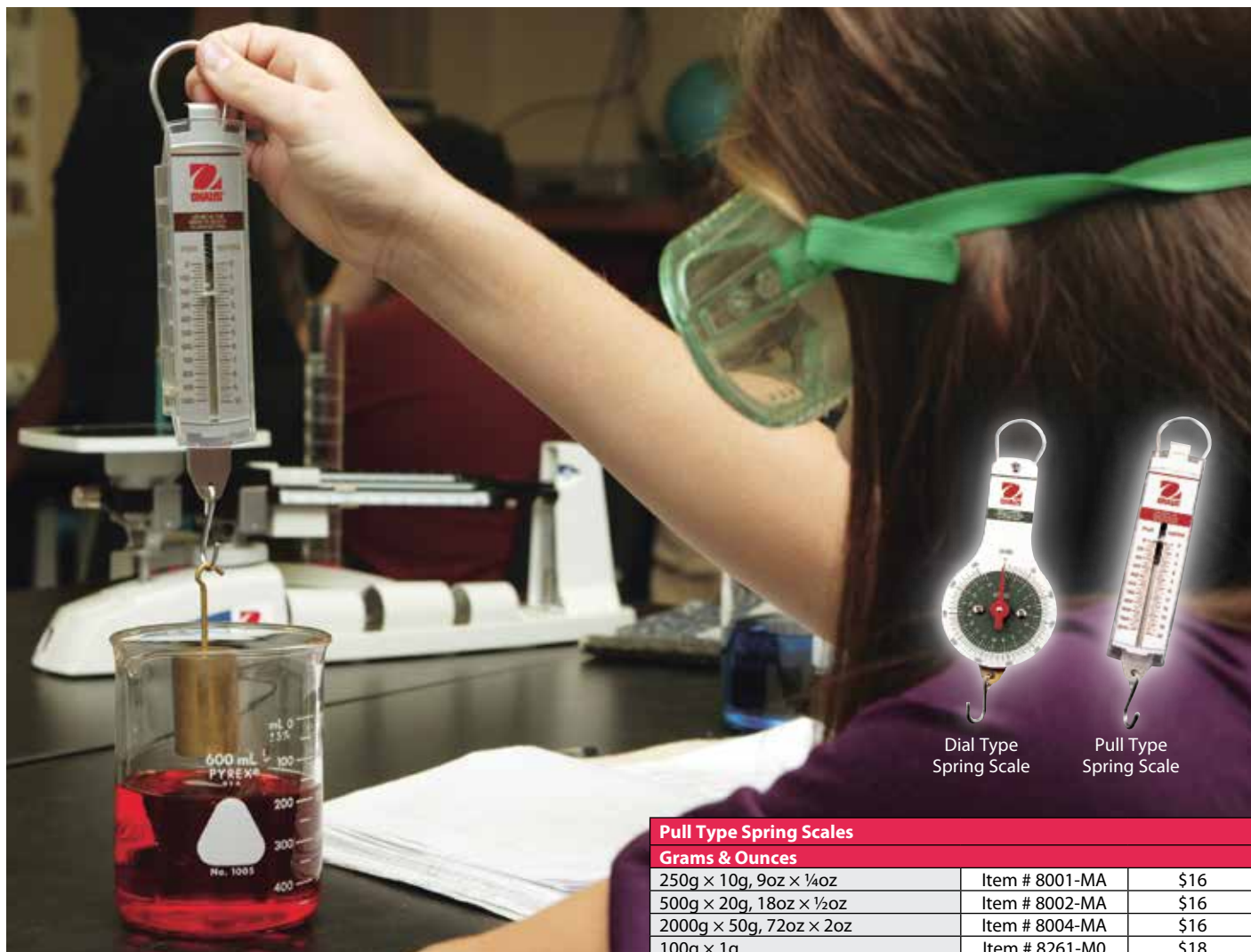
Dial-O-Gram
United States Patent and Trademark Office Design
Trademark Registration # 1,436,267

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 | \$16 |
| 500g × 20g, 18oz × ½oz | Item # 8002-MA | \$16 |
| 2000g × 50g, 72oz × 2oz | Item # 8004-MA | \$16 |
| 100g × 1g | Item # 8261-M0 | \$18 |
| 200g × 2g | Item # 8262-M0 | \$18 |
| 500g × 5g | Item # 8263-M0 | \$18 |
| 1000g × 10g | Item # 8264-M0 | \$18 |
| 2000g × 20g | Item # 8265-M0 | \$18 |

Grams & Newtons

| | | |
|----------------------------|----------------|------|
| 250g × 10g, & 2.5N × 0.1N | Item # 8001-MN | \$16 |
| 500g × 20g, & 5N × 0.2N | Item # 8002-MN | \$16 |
| 1000g × 25g, & 10N × 0.25N | Item # 8003-MN | \$16 |
| 2000g × 50g, & 20N × 0.5N | Item # 8004-MN | \$16 |
| 5000g × 100g, & 50N × 1N | Item # 8008-MN | \$16 |

Pounds & Newtons

| | | |
|------------------------------|----------------|------|
| .56lb × 0.02lb, 2.5N × 0.1N | Item # 8001-PN | \$19 |
| 1.12lb × 0.04lb, 5N × 0.2N | Item # 8002-PN | \$19 |
| 2.25lb × 0.05lb, 10N × 0.25N | Item # 8003-PN | \$19 |
| 4.5lb × 1lb, 20N × 0.5N | Item # 8004-PN | \$19 |
| 11.25lb × 0.25lb, 50N × 1N | Item # 8008-PN | \$19 |

Dial Type Spring Scales

Grams & Ounces

| | | |
|-------------------------|----------------|------|
| 250g × 2g, 9oz × ¼oz | Item # 8011-MA | \$27 |
| 500g × 5g, 18oz × ½oz | Item # 8012-MA | \$27 |
| 2000g × 20g, 72oz × 1oz | Item # 8014-MA | \$27 |

Grams & Newtons

| | | |
|---------------------------|----------------|------|
| 250g × 2g, & 2.5N × 0.02N | Item # 8011-MN | \$27 |
| 500g × 5g, & 5N × 0.05N | Item # 8012-MN | \$27 |
| 1000g × 10g, & 10N × 0.1N | Item # 8013-MN | \$28 |
| 2000g × 20g, & 20N × 0.2N | Item # 8014-MN | \$27 |

Large Demonstration Dials

| | | |
|-------------------------------|----------------|------|
| Demonstration Dial 20hg × ½hg | Item # 8015-00 | \$55 |
| Demonstration Dial 20N × ½N | Item # 8016-00 | \$55 |
| Demonstration Dial 50N × 2N | Item # 8018-50 | \$62 |

Best Seller

Round Pan Model



**5 YEAR
WARRANTY!**

Milligram Model



Square Pan Model



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 | | | | | | | | |
| Model | SPE123 | SPE202 | SPE402 | SPE602 | SPE401 | SPE601 | SPE2001 | SPE4001 | SPE6001 | SPE6000 |
| List Price | \$584 | \$428 | \$600 | \$702 | \$236 | \$349 | \$441 | \$646 | \$728 | \$366 |
| Model** | SPE123/B | SPE202/B | SPE402/B | SPE602/B | SPE401/B | SPE601/B | SPE2001/B | SPE4001/B | SPE6001/B | SPE6000/B |
| List Price | \$633 | \$474 | \$648 | \$749 | \$284 | \$397 | \$490 | \$694 | \$776 | \$413 |

*Includes draft shield

** Scout Pro Virtual Lab Bundle

| Accessories | Item No. | List Price |
|--|----------|------------|
| Hard Shell Carrying Case | 80850028 | \$88 |
| Security Device | 80850000 | \$60 |
| Scout Pro in-use cover, Pk of 3 | 71168909 | \$37 |
| Scout Pro USB Interface Kit (cable included) | 83032108 | \$113 |
| Scout Pro RS232 Interface (9-pin cable included) | 83032107 | \$113 |
| Scout Pro Virtual Lab, Single User | 80104148 | \$118 |
| Scout Pro Virtual Lab, Network User | 80104149 | \$352 |



Portable



Navigator®

Touchless Sensors Free Up Your Hands!

- **2 Touchless Sensors**—frees up your hands so you can focus on handling samples! Set up independently to control up to 36 combinations of operations.
- **Superior Protection**—overload protection prevents damage to the scale from undue shock or overloading. Integrated shipping lock protects the load cell from damage during transportation or storage.
- **Multiple Application Modes**—counting, percent weighing, checkweighing, display hold, accumulation/totalization

The Navigator series offers a unique combination of features including touchless sensors, ultra-fast response time and superior overload protection for use in a wide variety of classroom experiments.

| Navigator® | | | | | | | | |
|-----------------------------|--|-------|-------|--------|-------------|--------|--------|--------|
| Capacity (g) | 210 | 210 | 510 | 1100 | 2100 | 4100 | 5100 | 4000 |
| Readability (g) | 0.01 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.5 | 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 | | | |
| Dimensions WxHxD (in/cm) | 204 x 212 x 58 | | | | | | | |
| Model | NV212 | NV211 | NV511 | NV1101 | NV2101 | NV4101 | NV5101 | NV4000 |
| List Price | \$313 | \$185 | \$214 | \$278 | \$362 | \$398 | \$438 | \$195 |



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 x Readability (g) | 200 x 0.1 | 2000 x 1 | 5000 x 1 |
| Pan Size (in/cm) | 5.75 x 5.25/14.6 x 13.3 | | |
| Dimensions (W x H x D)(in/cm) | 7.6 x 5.3 x 1.5/19.3 x 13.5 x 3.9 | | |
| Span Mass (g) | 200 | 1000 | 2000 |
| Model | CS200 | CS2000 | CS5000 |
| List Price | \$132 | \$132 | \$155 |



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 x Readability (g) | 120 x 0.1 | 250 x 0.1 |
| Weighing Units | g, oz, ozt, dwt | |
| Pan Size (in/mm) | 2.36 x 2.75/60 x 70 | |
| Model | PS121 | PS251 |
| List Price | \$51 | \$67 |

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 | | |
| Model | HH120D | HH120 | HH320 |
| List Price | \$139 | \$166 | \$207 |

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 | | |
| Model | YA102 | YA302 | YA501 |
| List Price | \$84 | \$72 | \$51 |



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 | PA84 | PA124 | PA224 | PA163 | PA323 | PA523 | PA1602 | PA2202 | PA3202 | PA4202 | PA2201 | PA4201 |
|-----------------------|---|---------|---------|-------------|---------|---------|---|---------|---------|---------|--------|---------|
| Capacity (g) | 85 | 120 | 220 | 160 | 320 | 520 | 1600 | 2200 | 3200 | 4200 | 2200 | 4200 |
| Readability D | 0.1 mg | | | 1 mg | | | 10 mg | | | | 100 mg | |
| Application Modes | Weighing, Parts Counting, Percent, Density Determination,Dynamic Weighing | | | | | | | | | | | |
| Weighing Units | mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal,Newton, ozt,Custom Unit | | | | | | g, kg, lb, ct, oz, dwt, tical, tola, mommes,baht, grain, mesghal, Newton, ozt,Custom Unit | | | | | |
| Platform Size (in/cm) | Ø 3.54/Ø 9 | | | Ø 4.72/Ø 12 | | | Ø 7.1/Ø 18 | | | | | |
| Draftshield | 7.3 in / 18.5 cm inside height | | | | | | None | | | | | |
| List Price | \$1.605 | \$1.926 | \$2.140 | \$963 | \$1.124 | \$1.338 | \$866 | \$1.017 | \$1.231 | \$1.391 | \$910 | \$1.070 |

Adventurer® Series

Analytical and Precision Balances

- USB connection option expands the capability of your Adventurer *Pro* to interface with the most popular data acquisition devices in education
- SmarText™ software easily guides users through applications
- The frameless draftshield with removable doors offers easy access to the weighing chamber and is extremely easy to clean.

The most complete balance in its class

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.

Standard Features Include:

Easy Access, Frameless Draftshield with Removable Doors

All doors, including the front and back glass panels, disassemble in seconds, and together with a stainless steel bottom, make it fast and easy to clean.

SmarText™ Software Guides Users Through Balance Use

SmarText™ is OHAUS' easy to use balance software that utilizes text prompts to guide users through application use and balance setup.

QuadraStance™ Design Provides Superior Footprint Stability

To enhance weighing stability, QuadraStance incorporates four feet to provide superior footprint stability on any surface.

Flexibility of Available Options

USB or second RS232 interface option allows connection to multiple peripherals.

Multiple application modes:

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



Analytical Model



USB option



Precision Model

| Adventurer | AX124/E | AX224/E | AX223/E | AX423/E | AX523/E | AX622/E | AX1502/E | AX2202/E | AX4202/E | AX4201/E | AX8201/E |
|-----------------------|--|---------|------------|---------|---------|-----------------------|----------|----------|----------|----------|----------|
| Capacity (g) | 120 | 220 | 220 | 420 | 520 | 620 | 1,520 | 2,200 | 4,200 | 4,200 | 8,200 |
| Readability (g) | 0.0001 | | 0.001 | | | 0.01 | | | | 0.1 | |
| Weighing Units | gram, milligram, mesgal, momme, Newton, ounce, pennyweight, Baht, carat, grain, pound, Tael (Hong Kong), Tael, (Singapore), Tael (Taiwan), tical, tola, troy ounce, custom (1) | | | | | | | | | | |
| Weighing Applications | Weighing, Parts Counting,Percent Weighing,Check Weighing,Dynamic Weighing,Formulation,Density Determination,Totalization,Display Hold | | | | | | | | | | |
| Pan Size (in/cm) | Ø 3.5/Ø 9 | | Ø 5.1/Ø 13 | | | 6.9 x 7.7/17.5 x 19.5 | | | | | |
| Draftshield | Yes | Yes | Yes | Yes | Yes | None | None | None | None | None | None |
| List Price | \$2,800 | \$3,100 | \$1,550 | \$1,800 | \$2,100 | \$1,200 | \$1,500 | \$1,700 | \$2,100 | \$1,200 | \$1,350 |

ASTM Weights & Weight Sets

ASTM Class 4 Weights

Adjusted to Meet or Exceed ASTM Class 4 Tolerances

- Weights from 5mg to 2kg are Stainless Steel. Weights from 1mg to 2mg are Aluminum.
- Weight Sets include a Polycarbonate Case.
- Individual Weights up to 500mg include a Polypropylene Case. Weights from 1g to 2kg include a Polycarbonate Case.



Weight Sets*

Weights

| Model | Item No. | List Price |
|--------------------------------------|----------|------------|
| Weight, 1mg, ASTM 4 | 80780058 | \$35 |
| Weight, 10mg, ASTM 4 | 80780059 | \$35 |
| Weight, 100mg, ASTM 4 | 80780060 | \$35 |
| Weight, 1g, ASTM 4 | 80780061 | \$51 |
| Weight, 10g, ASTM 4 | 80780062 | \$57 |
| Weight, 100g, ASTM 4 | 80780063 | \$89 |
| Weight, 2mg, ASTM 4 | 80780064 | \$35 |
| Weight, 20mg, ASTM 4 | 80780065 | \$35 |
| Weight, 200mg, ASTM 4 | 80780066 | \$35 |
| Weight, 2g, ASTM 4 | 80780067 | \$51 |
| Weight, 20g, ASTM 4 | 80780068 | \$62 |
| Weight, 5mg, ASTM 4 | 80780071 | \$35 |
| Weight, 50mg, ASTM 4 | 80780072 | \$35 |
| Weight, 500mg, ASTM 4 | 80780073 | \$35 |
| Weight, 5g, ASTM 4 | 80780074 | \$51 |
| Weight, 50g, ASTM 4 | 80780075 | \$71 |
| Weight Set, 500mg-1mg, ASTM 4 | 80780100 | \$343 |
| Weight Set, 100g-1mg, ASTM 4 | 80780101 | \$599 |
| Weight Set, 50g-1mg, ASTM 4 | 80780111 | \$636 |
| Weight, 100g, ASTM 4, NO POLISH, CYL | 80780133 | \$71 |
| Weight, 200g, ASTM 4, CYL | 80780135 | \$86 |
| Weight, 300g, ASTM 4, CYL | 80780137 | \$81 |
| Weight, 400g, ASTM 4, CYL | 80780139 | \$122 |
| Weight, 500g, ASTM 4, CYL | 80780141 | \$108 |
| Weight, 1kg, ASTM 4, CYL | 80780143 | \$142 |
| Weight, 2kg, ASTM 4, CYL | 80780145 | \$177 |

Weights with Certificate

| Model | Item No. | List Price |
|--|----------|------------|
| Weight, 100g, ASTM 4, w/NVLAP, CERT, CYL | 80780134 | \$160 |
| Weight, 200g, ASTM 4, w/NVLAP, CERT, CYL | 80780136 | \$206 |
| Weight, 300g, ASTM 4, w/NVLAP, CERT, CYL | 80780138 | \$186 |
| Weight, 400g, ASTM 4, w/NVLAP, CERT, CYL | 80780140 | \$220 |
| Weight, 500g, ASTM 4, w/NVLAP, CERT, CYL | 80780142 | \$238 |
| Weight, 1kg, ASTM 4, w/NVLAP, CERT, CYL | 80780144 | \$251 |
| Weight, 2kg, ASTM 4, w/NVLAP, CERT, CYL | 80780146 | \$298 |
| Weight Set, 500mg-1mg, ASTM 4, CERT | 80850263 | \$856 |
| Weight Set, 50g -1mg, ASTM 4, CERT | 80850264 | \$1562 |
| Weight Set, 100g-1mg, ASTM 4, CERT | 80850265 | \$1668 |
| Weight, 1mg, ASTM 4, CERT | 80850282 | \$107 |
| Weight, 10mg, ASTM 4, CERT | 80850283 | \$107 |
| Weight, 100mg, ASTM 4, CERT | 80850284 | \$107 |
| Weight, 1g, ASTM 4, CERT | 80850285 | \$122 |
| Weight, 10g, ASTM 4, CERT | 80850286 | \$133 |
| Weight, 100g, ASTM 4, CERT | 80850287 | \$149 |
| Weight, 2mg, ASTM 4, CERT | 80850288 | \$107 |
| Weight, 20mg, ASTM 4, CERT | 80850289 | \$107 |
| Weight, 200mg, ASTM 4, CERT | 80850290 | \$107 |
| Weight, 2g, ASTM 4, CERT | 80850291 | \$124 |
| Weight, 20g, ASTM 4, CERT | 80850292 | \$137 |
| Weight, 5mg, ASTM 4, CERT | 80850293 | \$107 |
| Weight, 50mg, ASTM 4, CERT | 80850294 | \$107 |
| Weight, 500mg, ASTM 4, CERT | 80850295 | \$107 |
| Weight, 5g, ASTM 4, CERT | 80850296 | \$126 |
| Weight, 50g, ASTM 4, CERT | 80850297 | \$140 |

*Weight sets are available, please contact OHAUS Corporation

ASTM Class 6 Weights - Cylindrical

Adjusted to Meet or Exceed ASTM Class 6 Tolerances

- Weights from 1g to 2kg are Stainless Steel and Weights 500mg and below are Aluminum
- Weight Sets include a Weight Case.
- Individual Weights do not include a case



Cylindrical Weights



Hooked Weights

Cylindrical Weights

| Model | Item No. | List Price |
|------------------------------------|----------|------------|
| Weight Set, 500mg-1mg, ASTM 6, CYL | 80850110 | \$59 |
| Weight Set, 50g-10mg, ASTM 6, CYL | 80850111 | \$142 |
| Weight Set, 100g-1mg, ASTM 6, CYL | 80850112 | \$171 |
| Weight Set, 200g-1mg, ASTM 6, CYL | 80850113 | \$209 |
| Weight Set, 500g-1g, ASTM 6, CYL | 80850114 | \$269 |
| Weight Set, 1kg-1g, ASTM 6, CYL | 80850115 | \$369 |
| Weight Set, 2kg-1g, ASTM 6, CYL | 80850116 | \$561 |
| Weight Set, 50g-1g, ASTM 6, CYL | 80850117 | \$117 |
| Weight, 1g, ASTM 6, CYL, Body | 80850118 | \$11 |
| Weight, 2g, ASTM 6, CYL, Body | 80850119 | \$11 |
| Weight, 5g, ASTM 6, CYL, Body | 80850120 | \$12 |
| Weight, 10g, ASTM 6, CYL, Body | 80850121 | \$13 |
| Weight, 20g, ASTM 6, CYL, Body | 80850122 | \$16 |
| Weight, 50g, ASTM 6, CYL, Body | 80850123 | \$18 |
| Weight, 100g, ASTM 6, CYL, Body | 80850124 | \$24 |
| Weight, 200g, ASTM 6, CYL, Body | 80850125 | \$34 |
| Weight, 300g, ASTM 6, CYL, Body | 80850126 | \$42 |
| Weight, 500g, ASTM 6, CYL, Body | 80850127 | \$54 |
| Weight, 1kg, ASTM 6, CYL, Body | 80850128 | \$94 |
| Weight, 2kg, ASTM 6, CYL, Body | 80850129 | \$150 |

Hooked Weights

| Model | Item No. | List Price |
|-------------------------------------|----------|------------|
| Weight Set, 1kg-10g, ASTM 6, Hooked | 80850130 | \$140 |
| Weight, 10g, ASTM 6, Hooked | 80850131 | \$16 |
| Weight, 20g, ASTM 6, Hooked | 80850132 | \$16 |
| Weight, 50g, ASTM 6, Hooked | 80850133 | \$17 |
| Weight, 100g, ASTM 6, Hooked | 80850134 | \$18 |
| Weight, 200g, ASTM 6, Hooked | 80850135 | \$25 |
| Weight, 500g, ASTM 6, Hooked | 80850136 | \$36 |
| Weight, 1kg, ASTM 6, Hooked | 80850137 | \$68 |

Slotted Weights

| Model | Item No. | List Price |
|---------------------------------------|----------|------------|
| Weight Set, 500g-10g, ASTM 6, Slotted | 80850138 | \$114 |
| Weight Set, 500g-1g, ASTM 6, Slotted | 80850139 | \$147 |
| Weight, 1g, ASTM 6, Slotted | 80850140 | \$18 |
| Weight, 2g, ASTM 6, Slotted | 80850141 | \$18 |
| Weight, 5g, ASTM 6, Slotted | 80850142 | \$18 |
| Weight, 10g, ASTM 6, Slotted | 80850143 | \$18 |
| Weight, 20g, ASTM 6, Slotted | 80850144 | \$18 |
| Weight, 50g, ASTM 6, Slotted | 80850145 | \$18 |
| Weight, 100g, ASTM 6, Slotted | 80850146 | \$19 |
| Weight, 200g, ASTM 6, Slotted | 80850147 | \$23 |
| Weight, 500g, ASTM 6, Slotted | 80850148 | \$41 |
| Weight, 50g, ASTM 6, Hanger | 80850149 | \$23 |



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