Laboratory Supplies

See Inside!

- **NEW!** **Electrochemistry Meters**
  See pages 343-344.

- **NEW!** **Solvent Phase Separator Filters**
  See page 348.

- **NEW!** **Lead and Copper Analyzer**
  See page 363.

...and Much More!

HACH ®

Be Right™

Alcohol Prep Pads

Individually wrapped, disposable pads measuring 1-1/8" x 2-3/8". 70% Isopropyl Alcohol.

Prod. No.	Unit
2938200	200 pads/box

Ampule Breakers

Designed to prevent contamination and speed testing. Breaker snaps ampule tip off.

Prod. No. 2196800

Prod. No. 2484600

Prod. No.	Description	Unit
2196800	Breaker Kit for Voluette® Ampules	each
2484600	Breaker for PourRite™ Ampules	each
2564000	Breaker for Presence/Absence Broth Ampules	each

Apron, Neoprene, Long Sleeve

Full front body protection against oils, tar, lacquers, most acids, caustics and alkalies. Includes four cotton ties 30.38-cm (12") long for adjustable back closure; easy to take off, put on.

Prod. No.	Size	Unit
2550203	large	each
2550204	extra large	each

Apron, Vinyl

Stitched cotton edge binding. Tiebacks reinforced. Non-absorbent and chemically resistant. 91 x 69 cm.

Prod. No.	Unit
70100	Each

Autoclave, Steam

Simple "one-touch" controls operate each of 4 preset cycles. Conforms to EPA standards for sterilization of liquids. Chamber Dimensions: 10" diameter x 15.5" usable depth. Overall Dimensions (WxHxD): 16" x 18" x 23". Accessories included: stainless steel rack Power: 120 V (UL certified).

Prod. No.	Description	Unit
2898600	Steam Autoclave	each

Autoclave Accessories

Prod. No.	Description	Unit
2463100	Autoclave Tape 1" x 60 yards	1/roll
2463200	Germicidal Cloth	50/pk
2463300	Contaminated Items Bag	200 bags
2714700	Sterilization Indicators	100/box
2811115	Sterikon® plus Bio indicators	15/pk

Bag, Contaminated Items

Transparent with orange biohazard symbol on bag. For use in handling and in gas or steam sterilizing contaminated items. 30.48 x 35.56 cm (12 x 14"). AMSCO.

Prod. No.	Unit
2463300	200 bags

Bag, Sterile, Whirl-Pak®

Complies with Standard Methods and USEPA for drinking water sample collection. Made from poly resins approved by USDA and FDA for food contact. Sterile (certified), disposable, transparent polyethylene bags with trusted "Whirl-Pak" closure. Suitable for liquid or solid sample collection. "Write-on" surface accepts waterproof ink. 24 oz bag perfect for incubating petri dishes in water bath applications.

Prod. No.	Description	Unit
2233100	Vol: 207 mL (7 oz) Dim (W x L): 9.5 cm x 18 cm (3.75 x 7") 3.0 mil thick	pk/500
2233199	Same as above.	pk/100
2233125	Same as above.	pk/25
1437297	Vol: 720 mL (24 oz) Dim (W x L): 15 cm x 23 cm (6 x 9") 3.0 mL thick	pk/10

Bag, Sterile, Whirl-Pak® with Dechlorinating Agent

Specially designed for chlorinated water samples (Complies with USEPA and Standard Methods criteria). Sterile (certified), disposable, transparent polyethylene bags with trusted "Whirl-Pak" closure. Contains non-nutritive pill with 10 mg sodium thiosulfate (will dechlorinate up to 10 mg/Cl_2 in 100 mL sample) Four ounce and 100 mL fill-lines. "Write-on" strip accepts waterproof ink.

Prod. No.	Description	Unit
2075333	100 mL (4 oz), 4 pk of 25 bags	pk/100
2075325	100 mL (4 oz)	pk/25
2075533	Stand-up Bag	pk/100

Balance, Analytical, ScienTech® — Zeta Series™

ScienTech Zeta Series balances feature a **Patented** unbreakable suspension system based on a direct-loading, electromagnetic cell, which differs dramatically from normal lever-configuration balance designs. The Zeta Analytical Balances deliver 0.1mg readabilities for weights up to 210g. All models feature a capacity tracker which displays the used and unused portions of the weighing range, percent weighing, live animal weighing, parts counting, check weighing (used in process control), GLP/GMP/ISO compatibility, and five units of measure: g (grams), oz (ounces), ozt (troy ounces), dwt (pennyweight), and ct (carats). Tare range of each model is 0 to full capacity. A selectable vibration filter adapts the balance to your working environment, and a stability indicator tells you when the reading is valid. Balances feature 5-year warranty, RS-232 interface and include an analytical windscreen. Calibration is via external weight, not included. Power supply: 100-240V, 50/60Hz.

Prod. No.	Capacity	Unit
2936701	80g	each
2936801	120g	each
2936901	210g	each

Balance, Hanging Pan, Ohaus®

Ohaus Cent-O-Gram: good, general purpose hanging pan balance with 300 gram weighing capacity, sensitive to 0.01 g. Readings are taken from four beams of balance. Smallest increment is 0.01 g. Unit has magnetic-damping, specific gravity stand, and zero adjustment knob. Stainless steel weighing pan with handle and two pouring spouts. Pan diameter: 9.25 cm (3.64"). Depth: 1.3 cm (0.5"). Shipping weight: 2.1 kg (4.8 lb).

Prod. No.	Unit
1476000	each

Balance, Laboratory, ScienTech® — Zeta Series™

ScienTech Zeta Series balances feature a **Patented** unbreakable suspension system based on a direct-loading, electromagnetic cell, which differs dramatically from normal lever-configuration balance designs. The Zeta Laboratory Balance delivers 0.01g readability. Features include a capacity tracker which displays the used and unused portions of the weighing range, percent weighing, live animal weighing, parts counting, check weighing (used in process control), GLP/GMP/ISO compatibility, and five units of measure: g (grams), oz (ounces), ozt (troy ounces), dwt (pennyweight), and ct (carats). Tare range is 0 to full capacity. A selectable vibration filter adapts the balance to your working environment, and a stability indicator tells you when the reading is valid. Balances feature 5-year warranty and RS-232 interface. Calibration is via external weight, not included. Power supply: 100-240V, 50/60Hz.

Prod. No.	Capacity	Unit
2937201	600g	each

Balance, Moisture Analyzer, Ohaus®

The Ohaus® Moisture Analyzer incorporates state-of-the-art halogen heating with precision weighing technology to quickly, effectively and affordably measure moisture content. Powerful software facilitates ease of use, as well as data storage and management. 45g model displays % moisture, % solids, Time, Weight, Temperature, Test ID and Drying Curve. 35g model displays % Moisture, Time Weight, and Temperature. Both models feature a 2-year manufacturer warranty.

Ideal applications include wastewater treatment, food and beverage, chemical, industrial, farming, construction and research labs.

Visit our website for the full list of features and to download your copy of the Moisture Analyzer brochure.

Capacity	Timer	Temp. Range	Readability
35g	1 –120 min, 30 sec units	50 to 160º, 5ºC units	0.005g
45g	1 –120 min, 10 sec units	50 to 200º, 1ºC units	0.001g

Prod. No.	Description	Capacity	Unit
2946401	115V,North American Plug	35g	each
2946402	115V,North American Plug	45g	each
2946403	230V, Euro Plug	35g	each
2946404	230V, Euro Plug	45g	each

Moisture Analyzer Accessories

Prod. No.	Description	Unit
2948600	Aluminum Sample Pans	50/box
2507600	Glass Fiber Pads	200/box

Balance, Precision, Acculab® — VICON Series

These balances are ideal for all municipal, industrial or educational applications. External, one-touch calibration with three weight options. A flip-down protective cover means safe transportation/storage and stackability. Features include integrated calibration weights, durable stainless steel pan and a large, back-lit display. Mass unit conversions include g, oz, lbs:oz, dwt, ozt, grains, Newtons, carats.

Prod. No.	Capacity	Readability	Repeatability	Pan Size	Power Source	Unit
2694700	120 g	0.001 g	≤± 0.003 g	diam 97 cm / 3.8"	12 Vac Adapter (Included)	ea
2601100	710 g	0.1 g	≤± 0.1 g	14.2 x 13.0 cm (5.5 x 5")	12 Vac Adapter (Included) or 9 Vdc Battery	ea

Balance, Precision, ScienTech® — *Zeta Series™*

ScienTech Zeta Series balances feature a **Patented** unbreakable suspension system based on a direct-loading, electromagnetic cell, which differs dramatically from normal lever-configuration balance designs. The Zeta Precision Balances deliver 1mg readabilities for weights up to 500g. All models feature a capacity tracker which displays the used and unused portions of the weighing range, percent weighing, live animal weighing, parts counting, check weighing (used in process control), GLP/GMP/ISO compatibility, and five units of measure: g (grams), oz (ounces), ozt (troy ounces), dwt (pennyweight), and ct (carats). Tare range is 0 to full capacity. A selectable vibration filter adapts the balance to your working environment, and a stability indicator tells you when the reading is valid. Balances feature 5-year warranty, RS-232 interface and include an analytical windscreen. Calibration is via external weight, not included. Power supply: 100-240V, 50/60Hz.

Prod. No.	Capacity	Display Range	Unit
2937001	250g	0.001g to 260g	each
2937101	500g	0.001g to 510g	each

Balance, Portable, A&D®

Simple and easy to operate, this rugged field balance features a stability indicator, overload indicator, simple external calibration, large LCD display, auto power off, 2-year warranty, and four units of measure: g, oz, ct and tl. Includes convenient carrying case, stainless steel pan, AC power adaptor and 4 AA batteries. Overall dimensions: 5.1" x 7.6" x 2.0". Weight: 1.1 lb. Pan Size: 5.1" in diameter.

Prod. No.	Capacity	Unit
2946801	200 x 0.1g	each
2946802	2000 x 1.0g	each

Balance, Portable, AccuLab® Pocket-Pro®

Designed for portability, this scale is ideal for remote or "on the go" applications. A unique slide closure locks the weighing pan in place during transport and protects the blue, backlit display. Model displays weights in grams & ounces, and an energy saving mode extends battery life when scale stands idle. A concave platform keeps round or smaller objects in place. Simple 3-key operation and 1-touch calibration makes operation a snap. An audible tone indicates overload, under load and low battery. Requires one "AA" battery (not included). Calibration weight and tray included. Balance measures to 0.1g.

Prod. No.	Description	Capacity	Pan Size	Unit
2796900	Pocket Pro Model 401	400g	7.3 x 6.3 cm 2.9 x 2.5	each

Balance Sets

ASTM Class 1 weights made from polished, non-magnetic stainless steel (≥50 mg) or aluminum (≤30 mg). NIST traceable certificate included. Sets packaged in polypropylene case and come with contoured weight-handling forceps.

Prod. No.	Description
2617601	100 g - 10 mg
	Grams: 100-50-20 (2 ea)-10-5-2 (2 ea)-1
	Milligrams: 500-200 (2 ea)-100-50-20 (2 ea)-10
2617600	100 g - 1 mg
	Grams: 100-50-20 (2 ea)-10-5-2 (2 ea)-1
	Milligrams: 500-200 (2 ea)-100-50-20 (2 ea)-10-5-2 (2 ea)-1

Barometer

Dial Barometer features a large, clear, dual scale in hPa (hecto Pascal) and mm (mercury) on a 4-inch dial with wall mounts.

Prod. No.	Description	Unit
2694500	Dial Barometer	each

Bath, Ultrasonic

Cleans small and medium sized parts, including spectrophotometer cells. Unit comes with heater, timer, and temperature control plus a 2.8 L (0.75-gal) capacity tank. Tank is resistant to most cleaning solutions. Dimensions: exterior (L x W x D) 33.8 x 30 x 29.5 cm (13.3 x 12 x 11.6"), interior (L x W x D) 24 x 14 x 10 cm (9.5 x 5.5 x 4").

Prod. No.	Description	Unit
2489500	115 Vac, 60 Hz	each
2489502	230 Vac, 50 Hz	each

Beakers, Berzelius, Glass

200 mL Berzelius style (tall form) beakers from Kimax, are the industry standard for a wide variety of lab applications. Graduations are high quality screen printing. Bull nose lip and molded pour spout minimize spillage in liquid transfer. Autoclavable, non-toxic and biologically inert. Volumes and graduations are approximate.

Prod. No.	Capacity	Unit
2276145	200 mL	each
2276175	200 mL	12/pk

Beakers, Glass

Griffin style (low form) beakers are the industry standard for a wide variety of lab applications. Graduations are high quality screen printing. Bull nose lip and molded pour spout minimize spillage in liquid transfer. Autoclavable, non-toxic and biologically inert. Volumes and graduations are approximate.

Prod. No.	Capacity	Unit
50041H	50 mL	each
50071H	50 mL	12/pk
50042H	100 mL	each
50072H	100 mL	12/pk
50044H	150 mL	each
50074	150 mL	12/pk
50046H	250 mL	each
50076H	250 mL	12/pk
50048	400 mL	each
50078	400 mL	12/pk
50052	600 mL	each
50082	600 mL	6/pk
50053	1000 mL	each
50083	1000 mL	6/pk
50054	2000 mL	each
50084	2000 mL	4/pk

Beakers, Polypropylene, Nalgene®

Griffin style (low form) beakers from Nalgene are the industry standard for a wide variety of lab applications. Graduations are high quality screen printing in sizes ≥250mL. Bull nose lip and molded pour spout minimize spillage in liquid transfer. Autoclavable, non-toxic and biologically inert. Volumes and graduations are approximate.

Prod. No.	Capacity	Unit
108041	50 mL	each
108071	50 mL	12/pk
108042	100 mL	each
108072	100 mL	12/pk
108044	150 mL	each
108074	150 mL	12/pk
108046	250 mL	each
108076	250 mL	6/pk
108048	400 mL	each
108078	400 mL	6/pk
108052	600 mL	each
108082	600 mL	4/pk
108053	1000 mL	each
108083	1000 mL	3/pk

Blender, Industrial

This blender is tough enough to handle homogenizing wastewater, sludge, soil or heavy weight food samples for superior analytical results. Both models have thick walled glass containment jars and durable, rust free stainless steel blades.

Prod. No.	Description
2616100	Two-speed, 1.2-L container; 120 Vac-50/60 Hz
2616102	Two-speed, 1.2-L container; 240 Vac-50/60 Hz

Options

2616105	Optional stainless steel container

Boiling Chips

Carbon boiling chips are chemically inert to concentrated sulfuric acid, strong alkalies, and other chemicals. Carbon chips can be used for atmospheric or vacuum operations. Silicon carbide (carborundum) chips are random-sized pieces up to 2 mm long.

Prod. No.	Description	Unit
1483531	Carbon Boiling Chips	227 g/pk (8 oz)
2055734	Silicon Carbide Boiling Chips	500 g/pk (1.1 lb)

NO CLEANING REQUIRED!

Bottle, BOD, Disposable

• Fresh bottle, ready for use
• No cleaning required
• Unbreakable and recyclable
• Oxygen will not diffuse in or out of sample
• EPA compliant

Stopper sold separately.

Prod. No.	Description	Unit
2943100	Disposable 300 mL BOD Bottle	117/case
2943900	Unbreakable Acrylic Stopper for 300 mL BOD Bottle	25/pk
190901	Glass Stopper for 300 mL BOD Bottle	each

Bottle, BOD Glass

The standard for BOD analysis. Borosilicate glass bottle with flared lip and ground-glass stopper to prevent air entrapment and for water seal. Frosted marking area. Stopper included (60 and 300 mL sizes). Serialized bottles have silk-screened, sequential numbers and include a bar code.

Prod. No.	Capacity (mL)	Pkg.	Features
190902	60	each	Marked 30 mL graduation line
62100	300	each	Unlabeled
62106		6/pk	
62124		24/pk	
2898700	300	24/pk	Serialized; 1-24
2898800		24/pk	Serialized; 25-48
2898900		24/pk	Serialized; 49-72
2086047	300	each	Bottle, Black PVC Coating
2937906	473	6/pk	Amber; replacement for BODTrak® apparatus

Accessories

Prod. No.	Description	Unit
190901	Stoppers, ground-glass stopper for 60 and 300 mL bottles	each
241906	Snap-Caps, improves integrity of standard water seal	6/pk
68700	BOD bottle cleaning brush	each

Bottle, Dispensing (Liquids)

250 mL polyethylene bottle with polypropylene measuring chamber delivers precise volume automatically, eliminating need for repetitive pipetting. One squeeze fills the chamber; another dispenses the desired amount. Easy to disassemble for cleaning and refilling. Each bottle has 250 mL reservoir with choice of 1 or 2 mL measuring chamber.

Prod. No.	Capacity	Unit
2053901	1 mL measuring chamber	each
2053936	2 mL measuring chamber	each

Bottle, Drop-Dispensing

Low density polyethylene (LDPE) bottle with polypropylene screw cap. Bottle dispenses one drop at a time with easy, one-handed operation.

Prod. No.	Capacity	Unit
2086269	15 mL (0.5 oz)	12/pk
2086250	30 mL (1.0 oz)	12/pk
2086280	60 mL (2.0 oz)	12/pk
2086273	125 mL (4.2 oz)	12/pk
2086256	250 mL (8.5 oz)	6/pk

Bottle, Drop-Dispensing Assembly

Round polyethylene bottle complete with dropper plug and cap for easy and precise liquid dispensing. Separate glass or plastic dropper available for 59 mL bottle.

Prod. No.	Description	Unit
2938106	15 mL (0.5 oz) Bottle with Cap & Plug	6/pk
2937506	29 mL (1.0 oz) Bottle with Cap & Plug	6/pk
2937606	59 mL (2.0 oz) Bottle with Cap & Plug	6/pk
2318506	Glass Dropper (59 mL Bottle Only)	6/pk
2355237	Plastic Dropper (59 mL Bottle Only)	each

Bottle, Dropper

The Polystop™ Dropper Bottle provides a distinct advantage over other glass dropper bottles. The dropper section easily pulls free for use while the polypropylene stopper remains snugly in the neck of the bottle, which helps prevent chipping the glass dropper section.

Prod. No.	Capacity	Unit
2929902	60 mL (2.0 oz)	each
2929903	125 mL (4.2 oz)	each

Bottle, Gas Washing

For use in precipitating elements from gas. Used in the Hach Cold Vapor Mercury Apparatus Set (Prod. No. 2674400) to perform Cold Vapor Mercury Concentration Analysis–Hach Method 10065.

Prod. No.	Description	Unit
2662200	Bottle	each
2662300	Stopper	each

Bottle, Sampling, Round, LDPE

Low-density polyethylene (LDPE) bottles feature wide-mouth opening for easy filling and leak-proof polypropylene closure. Great choice for grab samples, shipping liquids, soil sampling, and storing dry chemicals.

Prod. No.	Capacity	Unit
2087050	30 mL (1 oz)	12/pk
2087073	125 mL (4.2 oz)	12/pk
2087076	250 mL (8.4 oz)	12/pk
2087079	500 mL (16.8 oz)	12/pk
2087083	1000 mL (33.8 oz)	6/pk

Bottle, Sampling, Round, HDPE

High-density polyethylene bottle with wide-mouth (89 mm) opening. Excellent sampling bottle for grab samples, storing dry chemicals, and shipping liquids.

Prod. No.	Capacity	Unit
2087154	2-L (2 qt)	each
2087117	4-L (1 gal)	each

Bottle, Sampling, Square

Transparent polycarbonate bottle with cap features wide mouth (3.8cm/1.48" diameter) opening for easy filling and square design for maximum space efficiency. Autoclavable with molded-in graduations (do not engage threads for autoclave cycle).

Prod. No.	Capacity	Unit
2324333	125 mL (4.2 oz)	6/pk
2324373	125 mL (4.2 oz)	48/pk
2324539	500 mL (16.8 oz)	4/pk
2324579	500 mL (16.8 oz)	24/pk
2324663	1000 mL (33.8 oz)	4/pk

Bottle, Storage, Amber, Glass

Amber glass protects contents from damaging effect of sunlight. Includes polypropylene cap for closure. Bottle is soda lime silicate.

Prod. No.	Capacity	Unit
2937706	118 mL (4 oz)	6/pk
2937806	237 mL (8 oz)	6/pk
2937906	437 mL (16 oz)	6/pk
2938006	1-L (33.8 oz)	6/pk

Bottle, Storage, Amber, Glass, Wide-Mouth

Protects contents from damaging effects of sunlight. Referenced in a variety of Standard Method water analysis procedures. Cap size is 53-400 with a PE Teflon® face.

Prod. No.	Capacity	Unit
2951401	1-L	each

Bottle, Storage, Amber, Polyethylene

High-density polyethylene bottle with leak-proof polypropylene cap. Ideal for storage of light sensitive materials, solid or liquid.

Prod. No.	Capacity	Unit
2085859	500 mL (16.8 oz)	6/pk
2085863	1-L (33.8 oz)	3/pk

Bottle, Storage, Autoclavable

Polypropylene bottles suitable for sample collection to chemical storage. Matched polypropylene caps have a valve-seal design for a perfect, leak-proof fit. A protruding ring under the cap holds shrink-wrapping securely in place. Autoclavable 121°C (Do not autoclave with caps in place).

Prod. No.	Description	Unit
2939103	125 mL (4.2 oz) Wide Mouth	12/pk
1472456	250 mL (8.5 oz) Wide Mouth	12/pk
1472459	500 mL (16.8 oz) Wide Mouth	12/pk
1472463	1-L (33.8 oz) Wide Mouth	6/pk

Bottle, Storage, Cylindrical

High-density polyethylene (HDPE) round bottle offers the best value for storing liquids and dry samples.

Prod. No.	Description	Unit
2511300	500 mL (16.8 oz)	6/pk
2511400	1000 mL (33.8 oz)	6/pk

Bottle, Storage, Oblong

Capacity: 118 mL. Polyethylene oblong storage bottle with cap. Optional Child-Resistant cap and Glass Dropper sold separately.

Prod. No.	Description	Unit
2937406	118 mL (4 oz) Bottle with cap	6/pk
2323006	Child-Resistant cap	6/pk
2318506	Glass Dropper	6/pk

Bottle, Storage, Rectangular

Heavy-walled, high-density polyethylene (HDPE) bottle features wide mouth for easy filling and leak-proof polypropylene cap. Rectangular shape for maximum space efficiency and less damage in shipping. Suitable for both aqueous solutions and solid samples.

Prod. No.	Capacity	Type	Unit
2086773	125 mL (4.2 oz)	Translucent	12/pk
2086776	250 mL (8.5 oz)	Translucent	12/pk
2086779	500 mL (16.8 oz)	Translucent	12/pk
2086783	1000 mL (33.8 oz)	Translucent	6/pk
2086784	2000 mL (67.6 oz)	Translucent	4/pk

Bottle, Storage, Round

Low-density polyethylene (LDPE) round bottle for storing liquids and dry samples.

Prod. No.	Description	Unit
2511500	237 mL (8 oz)	6/pk
2511600	473 mL (16 oz)	6/pk

HACH®
Be Right™

Bottle, Storage, Square

High-density polyethylene bottle with leak-proof polypropylene cap. Square design saves space, while wide-mouth allows for easy fill and removal of contents.

Prod. No.	Capacity	Unit
2086871	60 mL (2 oz)	12/pk
2086874	175 mL (6 oz)	12/pk
2086879	500 mL (16.8 oz)	12/pk
2086883	1000 mL (33.8 oz)	6/pk

Bottle, Storage, Write-On

Large dedicated labeling areas help to standardize the way bottle contents are identified. A separate area is provided for name and a larger area allows for detail of contents or safety information and includes a defined space for date information. Bottles are molded of rugged HDPE in 500 and 1000 mL sizes with leak-proof polypropylene cap.

Prod. No.	Description	Unit
2930003	500 mL (16.8 oz) Wide Mouth	12/bag
2930004	1000 mL (33.8 oz) Wide Mouth	6/bag

Bottle, Wash

Polyethylene bottle with polypropylene closure and stem molded in one piece for leak-proof service. Tip can be cut back to increase flow. Available in Narrow or Wide Mouth.

Prod. No.	Description	Unit
2930101	125 mL (4.2 oz) Narrow Mouth	12/bag
2930102	250 mL (8.4 oz) Narrow Mouth	12/bag
2930103	500 mL (16.8 oz) Narrow Mouth	12/bag
2927202	250 mL (8.4 oz) Wide Mouth	12/bag
2927203	500 mL (16.8 oz) Wide Mouth	6/bag
2927204	1000 mL (33.8 oz) Wide Mouth	3/bag

Bottle, Wash, Autoclavable

Polypropylene copolymer bottle with specially molded polypropylene screw closure for leak-proof service. Autoclavable. Before autoclaving, set cap on top of bottle without engaging threads.

NEW!

Prod. No.	Description	Unit
2930201	500 mL (16.8 oz) Narrow Mouth	6/bag
2930202	1000 mL (33.8 oz) Narrow Mouth	4/bag

Bottle, Wash, Nalgene®

Narrow mouth polypropylene screw closure and stem feature one-piece construction to ensure a leak proof seal. Tip can be cut back to increase flow. 500mL (16.8 oz. Capacity, 28mm mouth). Choose from 4 cap/stem colors.

Prod. No.	Description	Unit
2928201	Nalgene LDPE Bottle, Yellow Cap/Stem	6/pk
2928202	Nalgene LDPE Bottle, Blue Cap/Stem	6/pk
2928203	Nalgene LDPE Bottle, Green Cap/Stem	6/pk
2928204	Nalgene LDPE Bottle, Red Cap/Stem	6/pk

Bottle, Wash, Red

Color indicates flammable or dangerous contents. Bottle is polyethylene with polypropylene screw cap.

Prod. No.	Description	Unit
2929101	250 mL (8.4 oz) Narrow Mouth	6/bag
2929103	500 mL (16.8 oz) Wide Mouth	4/bag

Bottle, Wash, Red

Color indicates flammable or dangerous contents. Bottle is polyethylene with polypropylene screw cap. Delivery tube through the shoulder for complete dispensing.

Prod. No.	Capacity	Unit
2086946	250 mL (8.4 oz)	each
2086949	500 mL (16.8 oz)	each

Bottle, Wash, Symbol Alert

Wide-mouthed and color-coded wash bottles provide safe and positive identification of common laboratory solutions. Standard Diamond Alert symbols indicate type of hazard contents may represent. Polyethylene bottles with color-coded polypropylene screw caps and spray-tip assembly. Variety 6-pack includes one bottle each for water, acetone, methanol, isopropanol, toluene, and ethanol.

Prod. No.	Capacity	Unit
2613049	500 mL (16.8 oz)	6/pk

Bottle, Wash, Wide-Mouth

Low-density polyethylene bottle with polypropylene screw closure features tubulation molded into bottle to eliminate any possibility of leakage. Entire contents can be dispensed without tipping or shaking.

Prod. No.	Capacity	Unit
62014	125 mL (4.2 oz)	each
62031	250 mL (8.4 oz)	each
62011	500 mL (16.8 oz)	each
62075	750 mL (24 oz)	each
62016	1000 mL (33.8 oz)	each

Bottle Carrier, Nalgene®

Linear, low-density polyethylene. Securely holds up to six standard 0.5 L glass bottles, pint-size reagent bottles, and most other 500 mL glass or plastic bottles—making breakage almost impossible. Lightweight, chemical-resistant, and easy to clean.
Dimensions: 34.9 x 24.8 x 27.6 cm (14 x 10 x 11").

Prod. No.
2094300

Brush, BOD Bottle

Brush part 13 cm (5") length, 5 cm (2") diameter. Total length: 33 cm (13"). Heavily filled with black bristles on galvanized wire. Radial tufted end.

Prod. No.
68700

Brush, Bottle

The pivot head on this brush swivels, enabling you to thoroughly clean bottles and flasks, including difficult curves and corners. Natural bristles set in wood will not scratch glass. Uniquely designed head fits through a 29/26 standard taper neck or any neck with a diameter of 24mm (1") or more. The brush has a 45mm (1-1/4") wooden back and a 33cm (13") long hardwood handle.

Prod. No.
2929601

Brush, Buret

Ideally shaped for quick and thorough cleaning of burets and other similarly shaped vessels. Unbleached white nylon bristles are supported by twisted galvanized steel wire. Brush portion measures 8 cm (3.1") in length. Fan style tip.

Prod. No.	Description	Brush Diameter	Total Length	Unit
68500	25 mL Buret Brush	1.3 cm (0.5")	76 cm (30")	each
68600	50 mL Buret Brush	2.0 cm (0.79")	91 cm (35.8")	each

Brush, Camel's Hair

For cleaning delicate instruments or to ensure complete transfer of samples when weighing. Soft, brown hair is cemented into a metal holder. Hairs are cut to the same length—14 mm (0.5"). Can be attached to Micro Spatula, Prod. No. 1225600.

Prod. No.
2103200

Brush, General Purpose

Ideal for general cleanup and minor spills of dry materials, brush features an ergonomically molded polymer handle with soft polymer bristles. Use on countertops, lab benches, tile floors and more.

Prod. No.
2241400

Brush, Imhoff Cone

Brush part 25 cm (10") length, 10 cm (4") diameter tapering to 2 cm (0.79"). Wooden handle. Length: 38 cm (15"). Fan-style tip, perfect for cleaning your Imhoff Cone.

Prod. No.
68800

Brush, Pipet

Brush part, 15 cm (6"); 2 cm (0.79") diameter tapering to 0.6 cm (0.24"). Total length of brush: 44 cm (17.3"). Soft gray hair on galvanized wire.

Prod. No.
68900

Brush, Semi-Micro

Brush part, 7 cm (2.8") length; 1.3 cm (0.5") diameter. Total length: 14 cm (5.5"). Black bristles, galvanized wire. Fan-style tip.

Prod. No.
69100

Brush, Test Tube

Brush part, 9 cm (3.5") length; 2 cm (0.79") diameter. Total length: 24 cm (9.5"). Unbleached white bristles on galvanized wire. Radial tufted end.

Prod. No.
69000

Bucket, Graduated

White high-density polyethylene. Handle and wide-lipped pour-spout. Liter and pint graduations.

Prod. No.	Description
2087300	10 L (20 pt) capacity

Buret, Acrylic

Durable, crystal-clear acrylic body is individually calibrated to meet the accuracy requirements of ASTM E287. Leak-proof stopcock with self-lubricating Teflon® TFE plug. Excellent for general lab or field use in schools, industrial, municipal or food applications. Unaffected by dilute mineral acids and bases (except hydrofluoric acid and ammonium hydroxide). Can contain liquids within a pH range of 1-14 and up to 5% wt/wt of acids or 30% bases can be used. Not designed for exposure to alcohol or organic solvents.

Prod. No.	Capacity (Graduations)	Tolerance	Unit
1405940	25 mL (0.10 mL)	25 mL (0.10 mL) ±0.06 mL	each
1405941	50 mL (0.1 mL)	25 mL (0.10 mL) ±0.1 mL	each

Buret, Automatic, Glass

Glass reservoir and buret with PTFE stopcock create an easy to use workstation for standard solutions. Subdivisions of 1.0 mL and 0.1 mL.
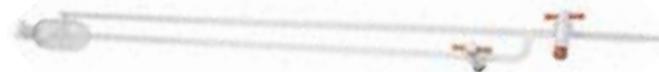
Prod. No.	Buret Capacity	Reservoir Capacity	Unit
2261438	10 mL	500 mL	each
2261440	25 mL	1000 mL	each

Replacement Components

Prod. No.	Description	Unit
2261432	10 mL buret	each
2261442	25 mL buret	each
50444	Glass "T" for Buret	each
50445	Bulb and connecting tube	each
50450	2-hole stopper, #9 for 500 mL flask	each
50449	2-hole stopper, #11 for 1000 mL flask	each
2261451	PTFE Stopcock	each
2489449	500 mL flask	each
2489453	1000 mL flask	each

Buret, Automatic, Class A

Calibrated to ASTM E694 standard. NIST traceable, Class A buret with 70 mL reservoir. 5.0 mL buret capacity with 0.1 mL subdivision (tolerance ±0.01 mL). Reservoir stopper and #2 PTFE stopcocks included.

Prod. No.	Description	Unit
2055037	5 mL Automatic Buret	each
2095661	Replacement PTFE Stopcock	each

Buret, Automatic, Self-Zeroing

Durable, crystal-clear acrylic buret is calibrated to meet ASTM E287 requirements. Leak-proof stopcock with self-lubricating Teflon® TFE plug. Unaffected by dilute mineral acids and bases (except hydrofluoric acid and ammonium hydroxide). Handles liquids with a pH range of 1-14 and up to 5% wt/wt of acids or 30% bases can be used. Not designed for exposure to alcohol or organic solvents. Includes low-density polyethylene squeeze bottle and 36" tubing for easy self-zeroing set up for titration work stations. Dust cover included.

Prod. No.	Buret Capacity (mL)	Subdivisions (mL)	Reservoir Capacity (mL)	Unit
2087640	25	0.1	500	each
2087641	50	0.1	1000	each

Clamp and stand not included.
See page 374 for stand and page 336 for clamp.

Buret, Glass, Class A

Glass, funnel-fill buret. Certified Class A (ASTM Specification E287) with permanent serial number and certificate for NIST traceability. PTFE stopcock does not require grease. Dust cap included. 10 mL buret meets requirements for potentiometric titrations (ASTM D664).

Prod. No.	Capacity (mL)	Subdivisions (mL)	Tolerance (mL)	Approx. Length (cm)	Unit
2636538	10	0.05	0.02	66.4	each
2636540	25	0.10	0.03	61.4	each
2636541	50	0.10	0.05	74.5	each
2636542	100	0.20	0.10	79.1	each
2095661	Replacement Stopcock (Fits all models)				each

Buret Kit, Self-Zeroing

Economical kit turns any 25 or 50 mL buret into an auto-filling, self-zeroing titration work station. Can be used with most aqueous titrants. Kit includes 1000 mL low-density polyethylene reservoir, 48" of tubing, connectors, reservoir tubing and extra closure without tubing hole for storing titrants or carrying to the field.

Prod. No.	Unit
2073900	each

Burner, Alcohol

Borosilicate glass. With glass cap.

Prod. No.	Description	Unit
2087742	Burner, 100 mL (4 oz), 83 x 94 mm (DH)	each
2097810	Replacement wicks,10/pk	each
1445949	Isopropyl Alcohol, 500 mL (pt)	each

Burner, Bunsen

Die-cast zinc alloy, with serrated gas inlet connections. Adjustable, with fine pitch threaded needle valve and flame stabilizer. Overall height: 15.6 cm (6.1"). Specifically for use with cylinder (L.P.) gas.

Prod. No.	Unit
2162700	each

Carboy, Cylindrical

Low-density polyethylene with a leak-proof polypropylene screw closure. Molded in spigot provides strength and leak-proof operation. 10 L and 20 L sizes have wide shoulder handles.

Prod. No.	Description	Unit
1486817	4 L capacity	each
1486858	10 L capacity	each
1486860	20 L capacity	each
2182700	Replacement spigot	each

Carboy, Lowboy

Made of high-density polyethylene. Low-profile design fits into narrow spaces, on shelves, and in refrigerators. Stacks up to three high to save space. Large, integral, hand grip makes carrying easy. 8 L size can be stacked on 15 L size. For storage and dispensing of reagents, distilled water, titrants, and other liquid storage needs. Will tolerate strong acids and bases, alcohols, and ketones. Not recommended for use with other organic solvents. Leak-proof. Includes spigot.

Prod. No.	Capacity	Dimensions	Unit
2075408	8 L (2 gal)	16.3 x 36.3 x 30 cm (6.4 x 14.3 x 11.8")	each
2075460	15 L (4 gal)	20.1 x 36.8 x 36.5 cm (7.9 x 14.5 x 14.4")	each

Carboy, Rectangular

Space-saving rectangular shape. With molded graduations. High-density polyethylene ensures tough, rigid carboy. 20 L (5 gal) size has molded-in hand grips. Quick action spigot gives easy fluid control; incorporates two Teflon o-rings for positive seal.

Prod. No.	Capacity	Dimensions	Unit
2098061	9 L (2.38 gal)	22 x 15 x 34 cm (8.7 x 5.9 x 13.4")	each
2098080	20 L (5.28 gal)	32 x 22 x 38 cm (12.6 x 8.7 x 14.9")	each
55919	Tubing, for carboy, 10 feet		each
2182700	Replacement Spigot		each

Carboy, Round

Low-density polyethylene with polypropylene screw closure. Tubing adapter molded in one piece with bottle. Leak-proof.

Prod. No.	Capacity	Unit
2052771	2 L	each

HACH®
Be Right™

Carrier Tray

Steam autoclavable, polypropylene molded tray has built-in handle for easy carrying of reagents or laboratory ware using one hand.

Prod. No.	Description	Unit
2938300	14.9 x 9.4 x 4.5"	each

Casserole

With lip and flat porcelain handle, glazed inside and out except for rim.

Prod. No.	Capacity	Diameter x H	Unit
62762	140 mL	8.5 x 4.5 cm (3.4 x 1.8")	each
62763	210 mL	9.5 x 5 cm (3.7 x 1.9")	each

Centrifuge

Versatile benchtop unit for sample preparation such as settleometer test. Stainless-steel motor shaft and permanently lubricated ball bearings provide long, trouble-free service life. Centrifuge accepts tubes with dimensions of 13 to 17mm diameter x 100 to 133mm long.

Capacity	Speed	Timing	Rotor
6 Tubes x 15 mL	3300 rpm / 1380 xG (15 sec top speed)	0 – 15 min (30 sec resolution)	Six-Place (fixed angle)

Prod. No.	Description	Unit
2676500	115 Vac, 60 Hz 2.1 A	each
2676502	230 Vac, 50 Hz 1.05 A	each

Centrifuge Tubes

Prod. No.	Description	Unit
2278739	Polycarbonate, Round Bottom, 15 mL Tube	10/pk
2585220	Friction-fit, Cap for Round Bottom Tube	10/pk
2115839	Polycarbonate, Conical Bottom, 15 mL Tube	10/pk

Clamp, Double Buret

Linear polyethylene. Non-corrosive clamp holds buret firmly in place without obscuring graduations. Center clamp tightens to a standard support rod. Includes 1.25 cm (0.5") and 0.95 cm (0.4") bushings.

Prod. No.	Description	Unit
2087801	Double Buret Clamp	each

Clamp, Double Buret

Holds two burets from micro-size to 100 mL separately without slippage or obscured graduation lines and numbers. Built-in meniscus reader. Overall size, 24 x 13 cm (9.5 x 5.2") (W x L).

Prod. No.
32800

Clamp, Day Pinchcock

Nickel-plated, steel wire can be used on tubing up to 10 mm (0.39") O.D. Length, 6.7 cm (2.6").

Prod. No.	Unit
68206	6/pk

Clamp, Rod and Pipe

For rods or pipes between 1.1 and 2.2 cm (0.43 to 0.87") diameter in any type of right-angle clamp setup (horizontal or vertical). Comes with two 45° angle ribbed thumb screws. Not recommended for use with support ring stands or support stand 56300.

Prod. No.	Unit
32600	each

Clamp, Screw Compression

Nickel-plated brass. For rubber and plastic tubing.

Prod. No.	Description	Unit
63317	1.3 x 1.9 cm (0.5 x 0.75")	each
63301	1.6 x 2.5 cm (0.63 x 0.98")	each

Clamp, Test Tube

Self-closing. Brass wire. For tubes up to 2.5 cm in diameter.

Prod. No.	Unit
63400	each

Clamp, Three-Prong

Vinyl-covered jaws operate independently of solid aluminum extension rod, 1.1-cm (0.43") diameter. Jaw capacity: 8.9 cm (3.5"). Brass pivot pin. Total length: 27.9 cm (10.9").

Prod. No.	Unit
42200	each

Clamp, Tubing

Molded, white polycarbonate. Autoclavable. Will not distort, rust or corrode. Clamp has 15 positions, stepped control to throttle flow from full open to complete closure. Fits tubing from 3.2 mm (1/8") to 11 mm (3/8") O.D.

Prod. No.	Description	Unit
2087901	Clamp, 12/pk	each

Clamp, Two-Prong

Flat, vinyl-covered jaws hold firmly at any angle. One jaw is fixed; the other opens against a stainless steel compression spring. Clamps are nickel-plated zinc with seamless brass extension tube, compressing screw, and pivot pin. Jaw capacity: 3.8 cm (1.5"). Total length: 20 cm (7.8").

Prod. No.	Unit
2114500	each

Clamp, Two-Prong Swivel

Perfect for cylinder shaped glassware. Swivel feature allows for complete circular adjustments. Clamp complete with both slip-on vinyl and fiberglass grip sleeves. Length 5 - 7/16" (138 mm). Open diameter is 3" (77 mm). Flask and Support Rod sold separately.

Prod. No.	Unit
2503400	each

Cleaning Reagent for Glass

Premeasured packet of chemical to add to concentrated sulfuric acid. Resulting metal-free cleaning solution removes stains, deposits, and silicones from glassware. Substitute for dichromate. Safety cap for NoChromix-acid mixture safely vents vapor-pressure build-up. May be used directly on 4-kg (8.8 lb) size reagent bottle (such as Prod. No. 97909).

Prod. No.	Description
2088300	Box of 10 packets
2279100	Safety Cap

Clippers, Heavy Duty

A powerful little clipper that can cut both large and small pillows. Gives a clean, even cut on pillows with diameters as large as 1.3 cm (0.5").

Prod. No.	Description
2065800	Clippers
2065801	Replacement blades

Clippers, Shears

Stainless steel, 2.8 cm (1.10"), autoclavable.

Prod. No.	Unit
2369400	each

Clock, Water Resistant

Quartz crystal movement in a sealed water and dust-resistant case ensures accuracy and reliability, even in conditions of 100% humidity such as in factories, greenhouses, outdoors, or in the lab. Contemporary face features bright red second hand and is 7" in diameter. Weight: 3.8 oz. Powered by one AA battery (included).

Prod. No.	Unit
2694600	each

Colony Counter, Hand-Held

For repetitive counting tasks, the Lux Scientific Manostat® Colony Counter virtually eliminates errors. In one step, this colony counter gives a beep and registers a cumulative count on a four-digit LCD display. A switch selects up or down counting modes for counts and count checks. Designed for single-handed operation, the counter is only 15-cm long and weighs less than 28 g (1 oz). The counter is supplied with a 3 V battery and two long-life replaceable felt tip pens. The pens use water- and oil-resistant red and black ink. Ethyl alcohol removes the marks from petri dishes and can be used to surface sterilize the casing for in-hood use.

Prod. No.	Description	Unit
2613200	Colony Counter	each
2613212	Replacement Pen, black	each

Colony Counter, Quebec

For counting bacterial colonies. Features: 11.5 cm (4.5") lens with 1.5X magnification to eliminate parallax errors; 40-watt tungsten bulbs to illuminate dark backgrounds; Wolffhuegel guide plate and 3-wire cord. Accommodates Stewart plates. Sheet metal case. Dimensions: 25 x 28 x 27 cm (10 x 11 x 10.5"). CSA certified.

Prod. No.	Description	Unit
2252100	110 Vac, 60 Hz	each
2252102	220 Vac, 50 Hz	each

Cones, Imhoff Settling

Fully graduated cones for determination of small amounts of settleable matter in sewage by Imhoff Sedimentation Method. Glass cone features reinforced tip for ruggedness, while the Polycarbonate cone features a leak-proof, removable closure for withdrawal of sediment for analysis. Support ring, support stand, and cone holders available and sold separately.

Prod. No.	Description	Unit
57100	1-L Glass Imhoff Cone	each
206700	1-L Polycarbonate Imhoff Cone	each

Support Options and Accessories

Prod. No.	Description	Unit
206800	2 Cone Polyethylene Holder	each
57200	3 Cone Metal Holder	each
206801	4 Cone Metal Holder	each
58001	Ring Support (92mm I.D.)	each
32900	Support Stand	each
32600	Support Stand Clamp	each
68800	Imhoff Cone Cleaning Brush	each

Conductivity Eco Testr™ 2

NEW!

The Eco Testr features rugged stainless steel pin sensors for quick and reliable measurements, time after time. Display orientation means no need to turn your head or tilt the tester. Push-button calibration, hold-function and high accuracy make this testr ideal for a wide range of applications. Other features include:

- *Automatic Temperature Compensation*
- *Auto-off function*
- *Waterproof, dustproof housings that float*

Testr	Resolution	Accuracy	Operating Temp
Eco Low	10 µS/cm	±1 % full scale	0 to 50ºC
Eco High	0.1 mS/cm	±1 % full scale (±2 % above 10 mS/cm)	0 to 50ºC

Prod. No.	Description	Unit
2520220	Eco Testr Low, 0 - 1990µS/cm	each
2520230	Eco Testr High, 0 – 19.90mS/cm	each
2520100	Belt-loop Carrying Pouch	each
2307542	Calibration Solution, NaCl	100/mL

Cotton Balls

For use in a variety of laboratory applications.

Prod. No.	Description	Unit
257201	Ultra absorbent cotton balls	100/pk

Crucible, Gooch

Perforated bottom, glazed inside and out except for outside bottom surface. Filter for Gooch Crucible available and sold separately.

25 to 40 mL Gooch Crucibles are recommended for use in **Standard Methods 2540 C and 2540 D** to determine Total Suspended Solids.

Prod. No.	Capacity	Top O.D.	Bottom O.D.
2098640	25 mL	36 mm	22 mm
2098641	40 mL	40 mm	24 mm

Crucible Holder

Rubber with glass stem ground at 45° angle. Holds 25 mL Gooch Crucible. Fits filter flasks that take stopper sizes 6-8.

Prod. No.	Unit
2233200	each

Glass Fiber Filter Disk for Gooch Crucible

Prod. No.	Diameter	Pore Size	Unit
2198720	20 mm	1.5 µm	100/pk
2198725	25 mm	1.5 µm	100/pk

Cubitainer, 20 Liter

- Self-collapsing design
- Meets DOT and FDA requirements
- Secure container design

Prod. No.	Description	Unit
2938500	20-Liter (5 gal.) Cubitainer with Spigot	each

Cylinder, Graduated, Glass

Calibrated "to deliver" glass cylinder. Single metric scale in durable white markings. Bumper guards included for all sizes ≥ 25 mL.

Prod. No.	Capacity	Subdivisions	Tolerance	Unit
50837	5 mL	0.1 mL	±0.1 mL	each
50838	10 mL	0.2 mL	±0.2 mL	each
50840	25 mL	0.5 mL	±0.3 mL	each
50841	50 mL	1.0 mL	±0.4 mL	each
50842	100 mL	1.0 mL	±0.6 mL	each
50846	250 mL	2.0 mL	±1.4 mL	each
50849	500 mL	5.0 mL	±2.6 mL	each
50853	1000 mL	10.0 mL	±5.0 mL	each

Cylinder, Graduated, Glass with Red Background, Low-Form

Tuttle-type glass cylinder calibrated "to deliver". Features two pour spouts and a single white metric scale.

Prod. No.	Capacity	Subdivisions	Tolerance	Unit
2064341	50 mL	1.0 mL	±1.0 mL	each
2064342	100 mL	2.0 mL	±2.0 mL	each

Cylinder, Graduated, Glass Double Metric, Low Form

These graduated cylinders feature two sets of graduations for reading either up or down, and two pouring lips. Calibrated "to deliver".

Prod. No.	Capacity	Height	Subdivisions	Tolerance
2928401	50 mL	145 mm	1 mL	±1.5 mL
2928402	100 mL	150 mm	2 mL	±1 mL

Cylinder, Graduated, Glass Double Metric, Tall Form

These glass Pyrex® graduated cylinders feature two sets of graduations for reading either up or down. Calibrated "to deliver".

Prod. No.	Capacity	Height	Subdivisions	Tolerance
2928301	50 mL	225 mm	1 mL	±0.5 mL
2928302	100 mL	254 mm	1 mL	±1 mL
2928303	250 mL	340 mm	2 mL	±2 mL
2928304	500 mL	390 mm	5 mL	±4 mL
2928305	1000 mL	465 mm	10 mL	±6 mL
2928306	2000 mL	520 mm	20 mL	±12 mL

Cylinder, Graduated, Glass, Class A

Certified Class A, this glass cylinder is calibrated "to deliver" according to ASTM E542 & E1272. Serialized and traceable to NIST standards (includes Certificate of Identification and Capacity). Single metric scale in white marking with funnel-top. Bumper guard included for all sizes ≥ 25 mL.

Prod. No.	Capacity	Subdivisions	Tolerance	Unit
2636238	10 mL	0.1 mL	±0.09 mL	each
2636240	25 mL	0.2 mL	±0.17 mL	each
2636241	50 mL	1.0 mL	±0.25 mL	each
2636242	100 mL	1.0 mL	±0.40 mL	each
2636246	250 mL	2.0 mL	±0.80 mL	each
2636249	500 mL	5.0 mL	±1.30 mL	each
2636253	1000 mL	10.0 mL	±2.50 mL	each

HACH® Be Right™