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Water Testing Equipment



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Using our Dual Section Quick Reference Catalog Designed by and for use by Water Testing Professionals

1. Alphabetical Index of Laboratory Supplies (dark blue stripe-edged pages): catalog number, brief product description and prices
2. Laboratory Equipment Selections: catalog number, full product description, picture, and prices

Category	Catalog No.	Description	EA	PK	CS
Petri Dish					
Disposable	90-5947-01	Sterile Disposable Plastic Petri dish, w/pad, 50 mm x 9 mm, 100/pk, 10 pk/box		\$68.39	\$683.90
Disposable	90-5945-01	Sterile Disposable Plastic Petri dish, w/pad, 50 mm x 9 mm, 100/pk		\$57.37	
Disposable	90-5945-02	Sterile Disposable Plastic Petri dish, w/pad, 50 mm x 9 mm, 500/pk		\$238.23	
Disposable	90-7466-76	Sterile Disposable Polystyrene Petri dish w/pad, for 47 mm filter, 100/pk		\$46.17	
Disposable	90-7466-75	Sterile Disposable Polystyrene Petri dish w/pad, for 47 mm filter, 100/pk		\$39.86	
Disposable	90-7466-78	Sterile Disposable Polystyrene Petri dish w/pad, for 47 mm filter, 500/pk		\$207.80	
Disposable	90-7466-77	Sterile Disposable Polystyrene Petri dish w/pad, for 47 mm filter, 500/pk		\$238.23	
Disposable	90-59425-01	Sterile Disposable Polystyrene Petri dish, 100 mm x 15 mm, 500/cs			\$127.49
pH Electrode Holder					
	21-2448-09	Swing Arm Electrode Holder, 54 1/2mm and 1 1/8mm dia. Electrodes, Weighted Base		\$224.00	
pH Meters		See page - 44-55			
Photometer		See page - 51			
pH Paper					
	13-5480-09	Hydronik Jumbo Insta-Check Dispenser 5-13 pH, 1/2" x 600' roll, Approx. 150 tests, 10 rpk	\$11.67	\$110.79	
	91-2570-02	mColorpHast™ pH Test Strips, 0-14 pH, 100 strips/pk, 6 pk/box	\$29.27	\$175.62	
	91-2571-02	pH-Fix 0-14 Indicator Strips, Non-bleeding, 100/pk, 10 pk/box	\$21.29	\$212.90	
	91-2571-04	pH-Fix 4.5-10 Indicator Strips, Non-bleeding, 100/pk	\$24.91		
	91-2580-03	Hydronik® Wide Range pH Paper, S/R Dispenser, 1-12 pH, 15 R ea roll, Approx. 100 tests, 10/pk	\$5.40	\$54.00	
	91-2581-01	Hydronik® Short Range pH Paper, S/R Dispenser, 8.0-3.0 pH, 15 R ea roll, Approx. 100 tests, 10/pk	\$5.40	\$54.00	
	91-2581-03	Hydronik® Short Range pH Paper, S/R Dispenser, 1.0-2.5 pH, 15 R ea roll, Approx. 100 tests, 10/pk	\$5.40	\$54.00	
	91-2585-01	Hydronik® Jumbo Dispenser 5-12 pH, 1/2" x 36 R ea roll, Approx. 250 tests, 50/pk	\$11.67	\$110.79	

pH—Portable pH 450 Meter

- Intuitive, user-friendly icons—electrode status displays pH slope
- Grip-clip electrode holder secures electrode to side of beaker or container
- USB or RS-232 output for up to 500 data sets with date/time stamp
- Extended battery life or optional Universal power adapter
- Built-in stand with wall mount option for easy benchtop measurement or storage
- Up to 6 point calibration for pH and ISE with USA, NIST, DIN or custom buffers
- Automatic temperature compensation (ATC)
- 3-year meter warranty

Meter offers pH, ISE, and temperature in an IP67-rated waterproof housing, making it ideal for the manufacturing floor, field testing, and laboratory. Large, backlit LCD display main measurement and temperature simultaneously. Features ready indicator, smart averaging, hold function, visible calibration alarm, battery-life indicator, and electrode status.

91-2603-04 includes meter, Grip-clip electrode holder and 2 AA batteries.
91-2603-05 includes items above plus gel-filled epoxy all-in-one electrode.
91-2603-06 kit includes items above plus buffer solutions, electrode storage solution, and carrying case.

Catalog No.	Package Contents	Range	Resolution	Price Each
91-2603-04	Meter	pH—2.00 to 16.00	pH—0.01	\$525.00
91-2603-05	Meter/Probe	mV—± 2000 Ion—0.0 to 19999	mV—0.1 to 1 mV Ion—0.01	\$605.00
91-2603-06	Meter/Probe Kit	Temperature—-10.0 to 100.0°C	Temperature—0.1°C	\$665.00

Accessories

Catalog No.	Description	Price Each
91-2611-21	Single Junction Gel-Filled Epoxy All-in-One pH/Temperature Probe w/ BNC & 8-pin ATC Connector, 3 m cable	\$103.00
91-2611-30	Double Junction Gel-Filled Epoxy All-in-One pH/Temperature Probe w/ BNC & 8-pin ATC Connector, 3 m cable	\$131.00
90-4399-35	USB Data Cable for 450-series meters	\$34.00
90-4399-36	Universal Power Adapter	\$54.75

Need Assistance?

Contact our support team.

800.624.8285



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About the cover photograph:

"Spring Runoff" ©2014
 Platte River, in Conifer,
 Jefferson County, Colorado,
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 Prairie Ice Photography at
 barb.schultheis@yahoo.com.

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It Pays to Buy Your Water Testing Equipment from Preiser

About Preiser Scientific

Established in 1924, Preiser Scientific is an ISO9001 Certified Company. Our distribution centers are located in St. Albans, WV and Louisville KY with sales offices in Northern VA/Metro Washington DC. and Metro Pittsburgh, PA. We maintain an active export program, shipping and servicing our products worldwide.

The Best Technical Help Available

Our sales staff is comprised of technically trained personnel who can assist you with professional advice and information concerning your laboratory requirements. We can provide you with technical service, price, and delivery information as well as responding to your quotation requests. Whether your work involves water testing, research, quality control, teaching or environmental compliance, we have the personnel to work with you. Our experience can aid you in realizing the greatest efficiency from your laboratory facility. Just telephone us at 800.624.8285 or email sales@preiser.com to find out how we can help you.

One Stop Shopping

Our simple, easy to use catalog has been designed with thought for the user by water testing professionals. Our catalog features essential laboratory equipment for the routine testing required. Our color coded alphabetical index of the most frequently used consumable items permits making your selections with minimal effort. Page indexes of major laboratory equipment provide a quick reference. Listings of our Major Lab Products and Vendor Listings provide additional information for your use. View www.preiser.com for additional laboratory equipment products not listed in the catalog.

Easy Ordering

Make PREISER your one-stop shopping center for your laboratory requirements. We can supply over 100,000 different items from our vendors including basic laboratory equipment, supplies, scientific instruments, microscopes, laboratory furniture, chemical and solutions.

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Our website (www.preiser.com) allows for you to enter orders or request a price quotation on your requirements. Sign up to:

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View Your Order History

Get Notified of Special Offers

Receive Webinar Invitation

Use Custom Order List

Maintain Reserve Inventory

Preiser Scientific, Inc. Customer Sales Policy and General Information

PRICES

Catalog Prices are current as of the time of publication. However, we reserve the right to change prices at any time without notice. Current prices may be obtained by telephone or email (sales@preiser.com). In the case of back ordered items, we will provide price protection wherever possible.

MINIMUM ORDER

Small orders are costly to you and us. Preiser Scientific, Inc. ("Preiser") will not accept an order less than \$25.00 USD.

RETURN OF EQUIPMENT OR SUPPLIES FOR REPLACEMENT OR CREDIT

Merchandise that has been ordered from us and has proven unsatisfactory may be returned to us within 30 days for replacement or adjustment. To assure prompt handling, customers are requested to correspond with the branch from which the merchandise was ordered before making a return. This will enable us to prepare and send the proper return shipping instructions so that subsequent credit or replacement can be made without delay.

Merchandise acceptable for full credit:

1. Merchandise not supplied in accordance with customer's order.
2. Merchandise which is defective at the time of receipt by the customer.

Merchandise not acceptable for credit:

1. Merchandise that has been discontinued.
 2. Merchandise which is personalized or customized.
 3. Non-Preiser Line merchandise supplied to a customer as an accommodation.
 4. Merchandise not purchased from Preiser.
 5. Merchandise which, as a result of retention or use by the customer, is outdated, shelf-worn or used and, is unsuitable for return to stock and resale as new merchandise.
 6. Open chemicals or diagnostics or "short dated" materials.
- Merchandise returned later than 90 days from the date of invoice, if approved by Preiser, will be subject to a minimum 15% handling charge. Merchandise not normally stocked in our warehouse will, at all times, be subject to a handling charge proportionate to that received by us from the manufacturer upon our return to him.

Merchandise that must be returned by us to the manufacturer for inspection, reworking, or refurbishing will, at all times, be subject to a charge proportionate to that received by us from the manufacturer. Merchandise returned in such condition that it requires repacking only for return to stock will, at all times, be subject to a minimum 15% handling charge.

All returns must be authorized by Preiser. To insure you receive proper credit for returned goods, include the following information on your return shipping papers:

Customer name and address
Preiser shipping order number
Customer purchase order number
Preiser invoice number and date
Preiser catalog number(s)
Reason for return
Preiser customer return (CRG) goods authorization number

SPECIFICATIONS

We reserve the right to change the specifications of any product as listed in this catalog due to improvements and design changes. We will furnish materials in accordance with our manufacturers' latest specifications.

CLAIMS AGAINST BREAKAGE OR SHORTAGES

Even with great care, occasional breakages and shortages are unavoidable. In the event of any damage or shortage, the freight company that delivered the merchandise must be notified immediately, and an inspection must be requested. Record the name of all persons spoken with at the freight company and dates on all matters relating to the inspection.

Immediately upon receipt of a shipment, such shipment should be unpacked and inspected for damage. A shipment visibly damaged in-transit should not be received until the carrier makes a "Damage" notation on the delivery receipt or freight bill accompanying the shipment. If concealed damage exists, you should immediately request the carrier to make an inspection. Retain all containers and packing materials for the inspection. The carrier must be notified of any concealed damage, and an inspection must be requested within 15 days of delivery.

All shipping cartons and packing material must be retained until claim is settled unless otherwise instructed. Credit will be issued only upon receipt of all proper claim support documents.

RETURN OF HAZARDOUS MATERIALS

Return shipments of hazardous materials must be packed and labeled in accordance with DOT regulations applying to transportation of hazardous materials. Shipping documents must likewise be prepared to meet DOT regulations.

TERMS

Our regular terms of payment to all domestic customers are Net 30 Day or by prepayment or COD, American Express, Visa and MasterCard, all shipments are made subject to credit approval. For foreign shipments, please make a prepayment or contact our credit department.

ARBITRATION

Any controversy or claim relating to the transactions contemplated herein shall be arbitrated in Kanawha County, West Virginia, in accordance with commercial arbitration rules of the American Arbitration Association. Any judgment awarded by the arbitrator or arbitrators may only be entered in the Circuit Court of Kanawha County, West Virginia.

WARRANTY AND DISCLAIMER

As a distributor for the products described herein, Preiser has attempted to be as accurate as possible to insure that representations made for products in this catalog accurately reflect the manufacturer's representations to Preiser.

Preiser expressly disclaims all warranties on all products, except those given by the manufacturer, whether express, implied or statutory, including warranties of MERCHANTABILITY and FITNESS FOR USE. Preiser shall not be liable for incidental or consequential damages, whether or not arising out of negligence. At Preiser's option, customer's sole and exclusive remedy for any cause of action arising out of the purchase of the products described herein shall be either (i) the replacement of nonconforming product(s) or (ii) payment in an amount not to exceed the purchase price of the specific product(s) for which damages are claimed. All claims shall be deemed waived unless made in writing to Preiser within thirty (30) days of customer's receipt of the product(s).

Vendors

Preiser Scientific, Inc. distributes products from these and many other vendors.



AUTOCLAVE/STERILIZER—Sterilmatic® Autoclave

- Automatic temperature control
- Thermometer 180°-300° (82°-149°C)
- Safety valve
- 0-30 psi steam gauge
- 0-60 minute timer
- Low water cut-off
- Thermostatic steam trap
- Removable shelf supports
- Flat perforated steam baffle
- Adjustable 4" to 6" bullet feet



Fast and dependable, Sterilmatic® sterilizes and dries any material normally processed by autoclaving. A built-in control maintains operating temperature at a preset level up to 121°C (250°F) for STM-E or with an adjustable control for the STM-EL which may be preset up to 121°C (250°F) or 110°C (230°F). Timed sterilization (0–60 min.) starts after operating temperature is reached. Operating pressure of 103kPa (15psi) is reached in a few minutes. Door is self-sealing and cannot be opened until steam pressure is completely exhausted. Exhaust selector may be set for liquids, instruments, or soft goods. Sterilizers feature a pressure gauge, temperature gauge, low water cut-off, safety valve, thermostatic steam trap, and signal light. The interior chamber measures 16" diameter and 26" long. Units have a one-year manufacturer's warranty and are CSA certified.

Required connections: drain, 13mm (1/2") FPT or 16mm (5/8") O.D.; copper steam exhaust connection, 10mm (3/8") IPS. All models available for operation on single- or three-phase, three- or four-wire system at 208-240V, 50-60 Hz. An optional stand, shelf, trays, baskets, and exhaust condenser are available for separate purchase.

Catalog No.	Model / Description	Price, Each
91-2305-07	STM-E Fixed Temperature Autoclave	By Quote
16-1920-02	STM-EL Adjustable Temperature Autoclave	By Quote
Accessories		
16-1920-12	Tray 12"x20"x2 1/2"	\$276.67
16-1920-16	Basket 12"x20"x4"	\$313.33
16-1920-20	Door Gasket	\$97.90

AUTOCLAVE/STERILIZER—Environmental Model

Automated Electronic Benchtop Sterilizer with Printer (Tuttnauer®)



- Excellent for environmental compliance on bacterial analysis
- Sterilization time to 59 minutes
- Temperature selection from 105°C to 137°C (221°F to 279°F)
- In-line particle filter to protect valves
- Electronic pressure and temperature sensors
- Low-water alarm-sounds when reservoir needs to be refilled
- Standby heating-keeps chamber warm for quicker cycles



Every stage of cycle, including water-fill, heating, sterilization, exhaust, and drying, is microprocessor-controlled and completely automatic. Digital display continuously shows temperature, pressure and running time. Unit meets EPA guidelines and is perfect for environmental labs. Other features include accelerated cycle time and built-in printer for cycle validation, documentation of temperature, elapsed drying and sterilization times, real time and date as well as errors or interruptions. Chamber volume is 23 L (6 gal.) and chamber dimensions are 25.4 cm diameter x 45.7 cm depth (10 x 18 in.). Operates at 220V, 2100 Watts, 50/60Hz. Supplied with 4 stainless steel shelves.

Catalog No.	Model No.	Price
16-1912-06	2540EPK	By Quote

Information on additional models available on www.preiser.com or phone 800.624.8285.

BALANCE—ANALYTICAL**BALANCE—Orion™ HR Series Analytical**

- External Mass Calibration
- LCD Display
- Percentage/Counting Modes
- Digital Preset Tare
- One Touch Printing
- Standard Underhook Capability
- Optional Rechargeable Battery Pack
- GLP/LIMS/GMP/GCP/ISO Compliant
- Models –C and –i include RS-232C Interface installed
- Windows® Compatible WinCT® Software is included with –i models
- Optional Bluetooth Interface
- Balance ID Number
- Model HR-202i has Semi-Micro Mode
- Multiple Unit Configurability (g, mg, oz, ozt, dwt, ct, mom, GN, t, TL)
- Auto Power On Function
- **5-Year Warranty**

Power is provided for these units by an AC Adapter which is included for 100/120/220/240VAC, 50/60Hz. An optional battery pack is available for all models except HR-202i and HR-300i. Other options that may be purchased include: a density determination kit, printer, a remote display, a remote controller, a static eliminator, a carrying case (all models except HR-202i and HR-300i), and an anti-theft device.

Catalog No.	Model No.	Weighing Range	Readability	Interface Installed	Software Included	Pan Size	Price Each
90-1695-01	HR-60	60g	0.1mg	No	No	3.3" dia.	By Quote
90-1695-02	HR-60-C	60g	0.1mg	Yes	No	3.3" dia.	By Quote
90-1694-01	HR-120	120g	0.1mg	No	No	3.3" dia.	By Quote
90-1694-02	HR-120-C	120g	0.1mg	Yes	No	3.3" dia.	By Quote
90-1696-01	HR-200	210g	0.1mg	No	No	3.3" dia.	By Quote
90-1696-02	HR-200-C	210g	0.1mg	Yes	No	3.3" dia.	By Quote
90-1698-01	HR-202i	220g/51g	0.1mg/0.01mg	Yes	Yes	3.6" dia.	By Quote
90-1697-01	HR-300i	320g	0.1mg	Yes	Yes	3.6" dia.	By Quote

Accessories

Catalog No.	Description	Price Each
90-1696-10	Static Eliminator	\$1158.05
16-2369-02	Multifunction Printer	\$821.75
90-1767-29	Ext. Rechargeable Battery	\$625.10
90-1765-01	Anti-theft Device	\$70.00

Preiser Scientific carries a complete line of balance accessories, such as weighing dishes, weighing papers, weighing tables, and calibration weights. See our listings on page 66.



Weighing Papers
10-1791-01, -02, -03



Calibration Weight Sets
90-2184-01, -02, -03, -04,
-06, -08, -11, -13



Aluminum Weighing Dishes
12-1570-01, -02, -05, -31,
12-1572-02, and EGL-D63-100

BALANCE--Phoenix™ GH Series Analytical

- Internal Motorized Calibration Weight
- Percentage and Counting Modes
- Multiple Weighing Units
- Tall 251mm (9.88") Weighing Chamber
- Automatic or Manual Full Digital Calibration
- One Touch Environmental Filters
- GLP/LIMS/ISO Compliant
- Anti-static glass minimizes static effects
- RS-232C and Windows® Compatible WinCT® Software Supplied Standard
- Data Memory (up to 200 measurement sets)
- **5 Year Warranty**

AND
A&D Weighing
...Clearly a Better Value



Power is provided for these units by an AC adapter (included) for operation at 100/120/220/240VAC, 50/60Hz. Options that may be purchased for this unit include: a density determination kit, a printer, a remote display, a remote controller, a rechargeable external battery pack, and an anti-theft device.

Catalog No.	Model No.	Weighing Range	Readability	Pan Size	Price Each
90-1688-01	GH-120	120g	0.1mg	3.6" dia.	By Quote
90-1688-04	GH-200	220g	0.1mg	3.6" dia.	By Quote
90-1688-05	GH-300	320g	0.1mg	3.6" dia.	By Quote
Accessories					
Catalog No.	Description			Price Each	
16-2369-02	Multifunction Printer			\$821.75	
90-1767-29	External Rechargeable Battery			\$625.10	
90-1765-01	Anti-theft Device			\$70.00	

BALANCE TABLE – Marble

These balance tables are constructed of carefully crafted, sturdy 3" thick stone slabs with vibration dampening mounts. The stone balance table legs are reinforced with a rigid stabilizing bar to provide the most stable surface available for precision instruments. Dimensions are 35"LX24"WX31³/₄"H, weight approximately 700lbs. Price is F.O.B. Rutland, VT.

Catalog No.	Stone Type	Price Each
90-2155-01	Marble	\$2658.90

RMG Stone Products, Inc.

**DISH – Weighing, Pour-boat, Disposable, Polystyrene, (Eagle Thermoplastics)**

Newly designed translucent, anti-static, polystyrene weigh dish facilitates pouring and dispensing liquids or solids without flexing. Designed for strength, stability, ease of handling, and safety. Flat-bottomed dishes withstand temperatures to 93°C and are non-reactive with mild acids, alcohol bases, and aqueous solutions.

Catalog No.	Size, in. W x L x D	Pkg.		Case	
		Qty	Price	Qty	Price
10-1779-01	1 5/8 x 2 1/4 x 5/16	250	\$44.50	2000	\$348.00
10-1779-02	3 1/2 x 5 1/4 x 1	N/A	N/A	250	\$87.00
10-1779-03	4 3/4 x 7 3/4 x 1	N/A	N/A	250	\$116.00



BALANCE—COMPACT**BALANCE—Everest™ EK-i Series Compact**

- Large LCD display (16mm height) with back light
- Control zero, mode selection and data output with standard RS-232C
- Conformity to GLP with ID and serial number outputs
- Counting function with Automatic Counting Accuracy Improvement
- Standard comparator function--HI/OK/LO annunciator
- Full Digital Calibration with optional user definable mass setting
- Multiple weighing units
- Portable-compact size, light weight, rugged body
- Overload protection
- Sealed key panel protects against dust and spills
- Stainless steel weighing pan
- Wide-range operating temperature— -10°C-40°C / 14°F-104°F, less than 85% R.H. (non-condensing)
- **5-Year Warranty**



For operation at 120V with included AC adaptor or with optional NiMH battery pack. Other options that are available include: multi-function printer, external display, carrying case, anti-theft device, 220V AC adaptor, clear protective cover, comparator relay output and buzzer.

Catalog No.	Model No.	Weighing Range, g	Readability, g	Pan Size, mm	Price Each
90-1706-17	EK-120i	120	0.01	110 dia.	\$454.50
90-1706-13	EK-200i	200	0.01	110 dia.	\$481.50
90-1706-16	EK-300i	300	0.01	110 dia.	\$504.00
90-1706-19	EK-410i	400	0.01	110 dia.	\$562.50
90-1706-10	EK-610i	600	0.01	110 dia.	\$657.00
90-1706-12	EK-1200i	1200	0.1	133 x 170	\$468.00
90-1706-20	EK-2000i	2000	0.1	133 x 170	\$495.00
90-1706-18	EK-3000i	3000	0.1	133 x 170	\$526.50
90-1714-29	EK-4100i	4000	0.1	133 x 170	\$634.50
90-1714-35	EK-6100i	6000	0.1	133 x 170	\$774.00
90-1714-34	EK-6000i	6000	1	133 x 170	\$495.00
90-1714-36	EK-12Ki	12000	1	133 x 170	\$630.00

Accessories

Catalog No.	Description	Price
90-1707-16	Rechargeable NiMH Battery Pack	\$197.00
90-1714-09	Carrying Case	\$62.00
90-1714-41	Comparator Relay Output and Buzzer	\$144.40
16-2369-02	Multi-function Printer	\$821.75
90-1765-01	Anti-theft Device	\$70.00
90-1767-36	USB to 9-pin RS-232 Converter	\$51.00

ANTI-STATIC BRUSH—Static-Away™ Brush

Brush eliminates harmful static eliminating the possibility that static will damage sensitive lab work, affect balance results, or harm microchip-driven instruments. Whisk away harmful dust, lint, and dirt from work environment with newly designed fiber blend that removes static as it cleans. Ideal for cleaning film, slides, optics, cuvettes, balance pans, microscopes, electronics, and computer monitors because it will not scratch critical surfaces. Equipped with a conductive composite handle. 2 ½" brush with 1 ½" handle.



Catalog No.	Description	Price Each
90-3250-01	Static-Away Brush	\$27.42

BALANCE—Moisture Analyzers

MF/ML/MS/MX Series



- Moisture % by gravimetric method
- Process Temperatures to 200°C
- Resolution from 0.1% to 0.001%
- Bidirectional RS-232C included (All Models)
- WinCT®-Moisture Software (Models MS-70/MX-50); WinCT® Software (Model MF-50)
- Optional Calibrator for heater temperature Calibration (Models MS-70/MX-50) for GLP/GMP/ISO
- Accuracy Checking with Sodium Tartrate Dihydrate Chemical Supplied Standard (All, except ML-50)
- User Replaceable Halogen Lamp Reduces Cost and Downtime (Lamp Life: approx. 5000 hours)
- 5 Choices of Measurement Program (Standard, Automatic, Quick, Timer, and Manual)
- Selectable Heating Mode (Standard, Quick, Step, and Ramp)(Standard and Quick only on ML-50)
- **5-Year Warranty**



91-1732-09



91-1732-10

For sludge moisture determination, A&D's MF/ML/MS/MX series of moisture balances are a great choice. They have a halogen heating lamp system and uniquely designed Secondary Radiation Assist (SRA) filter that reaches optimal temperature quickly and, along with the Super Hybrid Sensor, provides uniform heating and rapid weighing response for repeatable results. Digital VFD display continually displays moisture reduction during heating process. WinCT®-Moisture software (for MS/MX models) can provide a real-time graph of the moisture content when balance is connected with a PC. With memory function up to 100 data results can be stored and output at once (50 for MF-50) and up to 20 suitable measurement conditions can be stored and recalled (10 for MF-50). Halogen lamp, with a lamp life of 5000 hours, is user replaceable to minimize downtime and has a protective chamber for easy cleaning. Power requirement is AC 100-120V/200-240V, 50/60Hz. Approximate shipping weight is 6kg.

Accessories included are: 20 weighing pans, 2 Pan Handles, Tweezers, Spoon, Test Sample (30 g of Sodium Tartrate Dihydrate), CD-ROM (WinCT®-Moisture for MX-50, WinCT® for MF-50), Glass Fiber Sheet, RS-232C Cable (for MX-50), Display Cover, Dust Cover, Instruction Manual, Quick Reference Card, Power Cable, Fuse.

Catalog No.	Model No.	Weighing Range	Resolution	Moisture Content	Pan Size	Price Each
91-1732-09	MS-70	71g	0.0001g	0.001%/0.01%/0.1%	85mm	By Quote
91-1732-10	MX-50	51g	0.001g	0.01%/0.1%	85mm	By Quote
91-1732-12	MF-50	51g	0.002g	0.05%/0.1%/1%	85mm	By Quote
91-1732-14	ML-50	51g	0.005g	0.1%/1%	85mm	By Quote
Accessories						
Catalog No.	Description					Price, Each
91-1732-15	78mm dia. Glass Fiber Sheet, 100/pk					\$50.00
91-1732-16	Replacement Lamp					\$61.00
91-1732-17	Dust Cover					\$16.00
91-1732-18	Temperature Calibrator					\$435.00
91-1732-20	Sodium Tartrate Dihydrate Test Sample					\$80.00
92-1732-13	85mm dia. Reusable Pan, 100/pk					\$92.00
92-1732-14	85mm dia. Disposable Pan, 100/pk					\$50.00

BALANCE—Triple Beam Balance

- Durable Stainless Steel platform (Model 750-S0 equipped with Flat Plate; Model 710-00 has Removable Pan)
- Metal Base and Beam
- Three notched and tiered beams with center reading
- Spring loaded zero adjust compensator
- Counterbalancing Knob for Quick Zeroing
- Positive Poise Positioning for Repeatable Results
- Self-aligning Beam Design
- Magnetic damping to speed up weighing
- Options: Specific gravity rod and clamp, dust cover, attachment mass set, stainless steel or polypropylene scoop with foot, stainless steel or polypropylene scoop with foot and counterweight for balances without tare.
- **5-Year Warranty**



90-1875-01



90-1875-02

Catalog No.	Model No.	Weighing Range	Resolution	Beam Calibration, Front, Middle, Rear	Pan Size	Price Each
90-1875-01	750-S0	610g	0.1g	10g x 0.1g 500g x 100g 100g x 10g	15.2 cm x 19 cm	\$163.00
90-1875-02	710-00	610g	0.1g	10g x 0.1g 500g x 100g 100g x 10g	15.2 cm x 1.9 cm	\$223.00

Accessories

Catalog No.	Description	Price Each
90-1876-01	Metric Attachment Weights—2 x 1000gm, 1 x 500gm	\$52.00
16-3280-01	Vinyl Dust Cover	\$26.00
16-3280-02	Footed Polypropylene Scoop w/Counterweight	\$37.00
16-3280-03	Footed Stainless Steel Scoop w/Counterweight	\$88.00



Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker® (Avantor)
CHEMetrics®
Columbus Chemical
Difco®

Edge Biologicals
G. Frederick Smith (GFS)
LabChem®
LaMotte®

Lovibond®
Macron® (Avantor)
Ricca®
Taylor Technologies

See www.preiser.com for details or telephone customer service at 800.624.8285.

COLIFORM BATH—Precision™ Digital Coliform Water Baths

- Uniformity and control resolution of $\pm 0.05^{\circ}\text{C}$ with stainless-steel gable cover
- Microprocessor control with digital LED display
- Water pump gently directs water flow around perimeter for non-turbulent agitation
- Rugged stainless-steel chamber with easy to clean epoxy powder-coated exterior
- Factory temperature presets: 35°C , 41.5°C , 44.5°C , 45.5°C (with gable cover)
- **1-year warranty, parts and labor**

Baths designed specifically for fecal coliform analysis with factory preset temperatures for easy use. Recommended for bacteriological examinations, coliform analysis, environmental studies, food processing QC, incubation for microbiological assays, and water quality research. Supplied with stainless-steel gable cover, diffuser shelf, and duck. Sample racks (2 required for Model 253) and thermometers are available separately.

Thermo
SCIENTIFIC


16-5130-05, -06

Catalog No.	Description	Exterior Dimensions, L x W x H, cm	Interior Dimensions, L x W x H, cm	Price Each
16-5130-05	17.5 L Model 251 Coliform Bath, 115V	47 x 39.4 x 24.1	35.5 x 30.5 x 20.3	By Quote
16-5130-06	17.5 L Model 251 Coliform Bath, 230V	47 x 39.4 x 24.1	35.5 x 30.5 x 20.3	By Quote
90-2298-01	34.5 L Model 253 Coliform Bath, 115V	35.6 x 91.4 x 24.1	30.5 x 68.6 x 19	By Quote
90-2298-02	34.5 L Model 253 Coliform Bath, 230V	35.6 x 91.4 x 24.1	30.5 x 68.6 x 19	By Quote
90-2299-02	Rack, Petri Dish, holds 80-50 mm dishes	24.8 x 22.2 x 15.9	N/A	\$223.20

WATER BATH—Digital General Purpose Water Bath

- Temperature Range—ambient $+5^{\circ}$ to 99°C , $\pm 0.2^{\circ}\text{C}$ uniformity, $\pm 0.1^{\circ}\text{C}$ stability
- Large backlit LCD displays actual and set point temperature simultaneously
- Three push-button pre-sets for frequently used temperatures
- Calibration capability
- Reservoir drain (10 L and larger baths)
- Primary and automatic safety thermostats
- Integrated timer
- Hinged gable cover tilts for easy access and allows condensation to drain into bath
- **Two-year warranty**


PolyScience®
Temperature Control Solutions


90-2300-82, -83

General laboratory water bath designed to offer absolute control, precision and convenience. Clear polycarbonate cover accommodates glassware of varying heights and permits easy viewing of samples without removal of cover reducing heat loss. Recessed handles allow easy positioning on benchtop.

Catalog No.	Model No.	Capacity, L	Overall Dimensions, L x W x H, cm	Power, V/Hz/A	Price Each
90-2300-80	WB02A	2	22.9 x 30.5 x 26.7	120/60/1.1	\$312.30
90-2300-81	WB02A	2	22.9 x 30.5 x 26.7	240/50/0.5	\$312.30
90-2300-82	WB05A	5	36.8 x 30.5 x 26.7	120/60/3.3	\$376.20
90-2300-83	WB05A	5	36.8 x 30.5 x 26.7	240/50/1.6	\$376.20
90-2300-84	WB10A	10	39.3 x 43.2 x 30.5	120/60/8.6	\$448.20
90-2300-85	WB10A	10	39.3 x 43.2 x 30.5	240/50/4.5	\$448.20
90-2300-86	WB20A	20	57.2 x 43.2 x 30.5	120/60/12	\$539.10
90-2300-87	WB20A	20	57.2 x 43.2 x 30.5	240/50/6	\$539.10
90-2300-88	WB28A	28	57.2 x 43.2 x 35.6	120/60/12	\$566.10
90-2300-89	WB28A	28	57.2 x 43.2 x 35.6	240/50/6	\$566.10

BATH—MX Series Refrigerated Circulating Bath (PolyScience)



- Working temperature from -30° to 135°C (7 L model from -20° to 135°C)
- Temperature stability $\pm 0.07^\circ\text{C}$
- Capacities from 7 to 20 L
- Single-speed pressure pump provides external closed loop circulation capability
- Large, 3.25" universal icon and English display
- Large bath openings
- LidDock™ lid stowing system allows condensation to drain into bath
- DuraTop™ chemical resistant phenolic deck remains cooler and easy-to-clean
- WhisperCool™ environmental control system reduces noise below conversational speech at 2 meters, optimizes performance and reduces overall energy consumption
- Cool Command™ technology efficiently and quickly extracts heat even at elevated bath temperatures ensuring the most precise temperature control
- User-adjustable high and low temperature limits and alarms
- Single-point calibration
- Complies with DIN 12876-1 Class I safety requirements for use with non-flammable liquids
- **Two-year warranty**



90-2301-52, -53

Operator-friendly circulating baths are designed to be extremely simple to operate, easy to install and maintain, and provide years of reliable and accurate heat removal for a wide variety of laboratory applications. Supplied with reservoir cover, bypass tubing, male inlet and outlet adapters for $\frac{3}{8}$ ", $\frac{1}{4}$ ", and $\frac{3}{16}$ " tubing, and a 6 ft. standard grounded electrical cord with plug.

Catalog No.	Model No.	Capacity, L	Power, V / Hz / W	Temperature Range, °C	Price Each
90-2301-50	MX07R-20-A11B	7	120/60/1100	-20 to 135	By Quote
90-2301-51	MX07R-20-A12E	7	240/50/1100	-20 to 135	By Quote
90-2301-52	MX15R-30-A11B	15	120/60/1100	-30 to 135	By Quote
90-2301-53	MX15R-30-A12E	15	240/50/1100	-30 to 135	By Quote
90-2301-54	MX20R-30-A11B	20	120/60/1100	-30 to 135	By Quote
90-2301-55	MX20R-30-A12E	20	240/50/1100	-30 to 135	By Quote



Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker® (Avantor)
CHEMetrics®
Columbus Chemical
Difco®

Edge Biologicals
G. Frederick Smith (GFS)
LabChem®
LaMotte®

Lovibond®
Macron® (Avantor)
Ricca®
Taylor Technologies

See www.preiser.com for details or telephone customer service at 800.624.8285.

REFRIGERATED INCUBATOR--Precision™ Refrigerated BOD Incubator

- Microprocessor control with easy-to-read display shows actual temperature with 0.1°C resolution
- Push-button controls for temperature setpoint selection
- Forced-air circulation delivers excellent temperature stability
- CFC-free, foamed polyurethane insulation prevents heat loss
- RTD temperature probe and protected setpoint mode prevent accidental temperature change
- Door key lock protection from unauthorized access (not available on Model 30MR)
- Temperature Range: -10°C to 50°C (Model 30MR: 5°C to 70°C)
- **1-year warranty, parts and labor**

Precision™ refrigerated incubators are ideal for BOD applications and have easy-to-clean, corrosive-resistant construction and compressor relay to conserve energy. 6.1 cu.ft. undercounter model has high/low safety thermostat backups, four leveling feet for stable setup, a 2A outlet which easily supports apparatus inside the unit, and three cooling modes (high precision with cooling, high precision without cooling, and frost-free with variable cooling). Model 815 has temperature setpoint selection with high- and low-temperature protection and simple calibration, safety relay and alarm LED alert to over/undertemperature conditions, an access port for independent sensors or connection of equipment inside the unit, and RS-232 and recorder jacks for datalogging. Model 30MR has a hydraulic thermostat with analog temperature control, plus control and safety thermostats, a duplex electrical outlet for apparatus inside and requires hardwire installation by qualified electrician.

Thermo
SCIENTIFIC



19-1416-01

Catalog No.	Description	300 mL BOD Bottle Capacity	Price Each
90-9503-01	Model 3724, 6.1 cu.ft. 115V—Undercounter 24.5"L x 24"W x 34.5"H (Ext. Dim.)	114	By Quote
19-1416-01	Model 815, 20 cu.ft., 115V 29"L x 32"W x 75"H (Ext. Dim)	333	By Quote
19-1416-02	Model 815, 20 cu.ft., 230V 29"L x 32"W x 75"H (Ext. Dim)	333	By Quote
19-1316-01	Model 30MR, 30.4 cu.ft., 120V 31.5"L x 36"W x 93.5"H (Ext. Dim.)	528	By Quote

Related Supplies

Catalog No.	Description	Price Each
90-2424-04	300 mL BOD Bottle w/Pennyhead Stopper, nos. 1-24, 24/cs	\$338.76
90-2424-59	300 mL BOD Bottle w/Robotic Stopper, nos. 1-24, 24/cs	\$338.76
90-2424-90	Plastic Overcaps f/300 mL BOD Bottles, 50/cs	\$52.05
14-9405-01	Polyseed BOD Inoculum, 50/pk	\$204.55
14-9405-02	Polyseed-NX® CBOD Inoculum w/Nitrifying Inhibitor, 50/pk	\$307.71
HAH-14160-66	BOD Nutrient Buffer Pillows for 300 mL Dilution H2O, 50/pk	\$18.15
HAH-14861-66	BOD Nutrient Buffer Pillows for 3 L Dilution H2O, 50/pk	\$58.15
HAH-14862-66	BOD Nutrient Buffer Pillows for 6 L Dilution H2O, 50/pk	\$73.58

CALORIMETER—6200 Isoperibol Calorimeter

- High speed, high precision, capable of performing up to 8 tests per hour
- Traditional removable oxygen combustion vessel and bucket calorimeter
- Optional additional combustion vessel and bucket for reloading while testing
- Temperature-controlled water jacket with built-in circulating system and an electric heater
- Vessels available for testing samples releasing from 52 calories to 12,000 calories per test
- A bright, color touch screen display for data entry and operation controls with a graphical user interface for ease of operation and training
- Special USB communication ports for printer, computer, and network (LAN) connections
- Removable SD compact flash memory card slot for program updates and test report archiving
- Can incorporate a user's current Parr combustion vessels, buckets, and accessories
- An automatic, microprocessor-controlled system for charging the combustion vessel with oxygen allows operator to simply connect the filling hose to the bomb inlet valve and press a button on the touch screen
- Precision electronic thermometer is fixed in calorimeter cover and measurements are taken with a 0.0001° resolution over a 20° to 40°C working range
- Can be set to provide options, menus with messages in English, French, or German
- Overall size: 22.5" W x 15.5" D x 17" H
- **One-year warranty**



A self-contained unit for determination of calorific value (heat of combustion) for solid or liquid combustible samples, such as coal or other solid fuels, liquid fuels, and foodstuffs. The ideal choice for precise research and development and quality control work. 99.5% oxygen source and deionized water are required for operation. If closed loop water handling system is used, it must be installed so fan will not blow on calorimeter.

Calorimeter is supplied with oxygen combustion vessel, installation kit, oval calorimeter bucket and high precision electronic thermometer.

Catalog No.	Model/Description	Price Each
90-4062-01	6200 EA Isoperibol Calorimeter w/Removal Oxygen Combustion Vessel & Bucket. 115V	By Quote
Accessories and Reagents		
90-4062-11	6510EA Water Handling System w/Closed Loop Temperature Controlled Water Supply, Integral Solid State Cooling Unit, & 2000 mL Pipette, 115V	By Quote
90-4064-75	1758 Printer w/Cable	By Quote
90-4062-40	1-year Oxygen Combustion Vessel Service Kit	By Quote
90-4062-15	Oxygen Bomb Maintenance Kit	By Quote
90-4070-27	1108P Oxygen Combustion Vessel	By Quote
90-4072-28	A391DD Oval Bucket	By Quote
90-4070-30	2811 1/2" Pellet Press	By Quote
90-4377-03	500 Benzoic Acid Pellets, 1 g Calorific Standard	By Quote

Other calorimeter models and expanded systems are also available. Check www.preiser.com or telephone 800.624 8285 for more information.

CENTRIFUGE—Process Control Centrifuge

This centrifuge is specifically designed for wastewater process control sampling applications to determine solids concentrations in percent volume. It has a 6-place swing-out rotor and a fixed 3000 rpm speed. It is equipped with an electronic controller, digital display, and audible alarm to indicate completed cycles. Constructed of stainless-steel and aluminum. Six 19mm x 120mm centrifuge tubes graduated from 0% to 100% are included. For operation on 115V, 50/60Hz.



Catalog No.	Model No./Description	Price Each
72-3201-11	F-10300 Process Centrifuge, 115V	\$1,193.76
Accessories		
72-4004-17	17 mm Polycarbonate Conical Tubes, 0.20%-100%, 12/pk	\$110.45
72-4004-19	19 mm Polycarbonate Conical Tubes, 0.20%-100%, 12/pk	\$110.45

THERMOREACTOR—Model RD 125 COD Reactor

- Pre-programmed temperature and timer settings
- 24-16 mm tube capacity
- Automatic shut off at end of digestion with an alarm
- Protective shield and overheating protection
- **2-year warranty**



RD 125 Reactor can be used for chemical digestion of water samples for multiple parameters, such as COD (150°C), TOC (120°C), Total Phosphate (100°C), or Total Nitrogen (100°C), thanks to user-selectable, pre-programmed temperature and timer settings that are accessible from membrane keypad. For operation at 115V/230V, 50/60Hz.

Catalog No.	Model No./Description	Price Each
90-4770-15	RD 125 COD Thermoreactor	\$900.00
Reagents		
HEL-TT20725	COD Vials, LR, 0-150 mg/L, 150 tests/pk	\$189.00
HEL-TT20726	COD Vials, HR, 0-1500 mg/L, 150 tests/pk	\$189.00
96-1002-01	TOC Tube Test, 50-800 mg/L, 25/test/pk	\$534.60
HEL-RS5210	Total Phosphate Tube Set, 0.02-1.1 mg/L as P, 50 tests/pk	\$55.10
96-1004-01	Total Nitrogen Tube Set, LR, 0.5-25 mg/L as N, 25 tests/pk	\$116.40

Preiser Scientific can supply test kits and calibration standards from the following suppliers:

CHEMetrics®
Continental Hydrodyne
GFS
HACH®
Hanna®

HF Scientific
Lovibond® (Orbeco)
LaMotte®
Micro Essential

Oakton™
Thermo Scientific
Taylor Technologies
YSI®

COLORIMETER—Checker® HC Series Colorimeters

- Easier to use and more accurate than chemical test kits
- Large, easy to read digits
- Auto shut off
- Dedicated to a single parameter
- Designed to work with Hanna's powder reagents
- Uses 10mL glass cuvettes
- Small size, big convenience--fits in palm of hand or pocket
- Use for quick and accurate on the spot analysis
- Single button operation: zero and measure
- Operated by a single AAA battery
- Ideal for usage on:

Swimming pools and spas, fruit and vegetable sanitation, disinfection, drinking water, wastewater, aquaculture, agriculture, and quality control checks



Hanna Checker®HC Colorimeters bridge the gap between simple chemical test kits with very low resolutions and professional instrumentation which can cost hundreds of dollars and are time consuming to calibrate and maintain. These colorimeters are both accurate and affordable and use adaptations of EPA, Standard Methods, or ASTM Methods. Checkers® are color-coded for easy visual identification.

Catalog No.	Model No.	Parameter	Method, Reference	Range	Resolution	Price Each
90-2619-60	HI 700	Ammonia-LR	ASTM D1426-92, Nessler Method	0.00-3.00 ppm	0.01 ppm	\$44.10
90-2619-01	HI 701	Free Chlorine	DPD, EPA 330.5	0.00-2.50 ppm	0.01 ppm	\$44.10
90-2619-02	HI 711	Total Chlorine	DPD, EPA 330.5	0.00-3.50 ppm	0.01 ppm	\$44.10
90-2619-03	HI 713	Phosphate-LR	Ascorbic Acid, SM 20th Ed.	0.00-2.50 ppm	0.01 ppm	\$44.10
90-2619-06	HI 729	Fluoride-LR	SPANS	0.00-2.00 ppm	0.01 ppm	\$44.10

Calibration Sets & Reagents

Catalog No.	Description	Price
90-2619-62	Ammonia Calibration Set, ea	\$19.00
90-2619-61	LR Ammonia Reagent Set, 25/pk	\$13.00
90-2619-71	Free Chlorine Calibration Set, ea	\$11.00
90-2619-21	Free Chlorine Reagent Set, 25/pk	\$6.00
90-2619-72	Total Chlorine Calibration Set, ea	\$11.00
90-2619-22	Total Chlorine Reagent Set, 25/pk	\$9.00
90-2619-73	Phosphate Calibration Set, ea	\$11.00
90-2619-23	LR Phosphate Reagent Set, 25/pk	\$6.00
90-2619-76	Fluoride Calibration Set, ea	\$11.00
90-2619-26	LR Fluoride Reagent Set, 25/pk	\$9.00

Preiser Scientific can supply a full line of meters used in the water and wastewater fields from suppliers such as:

CHEMetrics®
Continental Hydrodyne
Hanna Instruments
HF Scientific

Lovibond® (Orbeco)
Oakton™
Thermo Scientific Orion™

Sper Scientific
WTW
YSI®

COLORIMETER — MD 600 Multiparameter Colorimeter

- Data storage for up to 1000 samples with location, date and time
- User calibration mode allows calibration to any standard (US, NIST or ISO)
- Over 100 pre-programed parameters, methods, and ranges—up to 20 custom user defined methods can be stored for repeated use
- Favorites menu allows selection and display of only relevant methods
- Upload new methods as developed from Lovibond®'s website
- On-screen assistance allows scrolling through menu for methods—no more cumbersome manual or memorizing method numbers
- **2-year warranty**

MD 600 is a versatile instrument for a wide variety of water quality parameters and is perfect for both laboratory and field use. Readings are displayed on large LCD screen to hundredths place. Data can be exported to PC using optional IRI-M (infrared data transfer module). Many parameters have flexibility of using Powder Pack™, tablet, and/or liquid reagents allowing option of convenient or more economical reagents. Features wavelength accuracy of ± 1 NM, colorimetric resolution of 0.005 A, and photometric accuracy of 2% Full Scale (T=68-77°F). Powered by 4-AA batteries for up to 26 hours of continuous operation or 3500 tests.

Supplied with 3 x 24 mm cells, 3 x 16 mm cells, 13 mm tube adapter, 16 mm tube adapter, batteries, tube cleaning brush, tablet crusher, and convenient carrying case.

Catalog No.	Model No./Description	Price Each
91-2679-09	MD 600 Colorimeter	\$1,012.50
Accessories		
91-2679-08	IRiM Data Transfer Module	\$240.70



COLORIMETER--Orion™ AQUAfast™ Multiparameter Colorimeter

- Stores up to 190 pre-programmed methods and 10 user defined methods
- Memory for 100 data points with date and time stamp
- User can customize calibration and create completely custom methods—up to 12 data points can be used to define custom method
- 4 wavelengths available (420, 520, 580, and 610 nm)
- IP67-rated waterproof
- Simple operation guides a user through the setup and measurement
- **2-year warranty**

AQ4000 multiparameter colorimeter is an advanced microprocessor-based LED colorimeter. Stored field measurements can be downloaded later to a printer or computer. Software can be updated easily to assure most current programs are available. Meter accepts round vials with 13, 16, or 24 mm diameters. Powered by 4-AA batteries for 2500 hours of use.

Meter is purchased alone. Reagents, sample vials, RS232 cable, hard carrying case, and other accessories are available for purchase separately.

Catalog No.	Model No.	Price Each
90-4767-01	AQ4000	\$1,018.80

Thermo
SCIENTIFIC



Preiser Scientific can supply the entire line of reagents and supplies to use with these multi-parameter colorimeters. Telephone 800.624.8285 for assistance.

CONDUCTIVITY—35-Series Testrs™

- Multiple measurements in one instrument
- Displays measured value along with temperature — simply press a key to toggle between pH, conductivity, TDS, and salinity where applicable
- Waterproof, dustproof housings that float
- Push-button calibration, HOLD function, and error messages
- Automatic temperature compensation gives accurate readings even in fluctuating temperatures
- **Testrs™ have a 1 year warranty and modules have a 6 month warranty**

Great for water, laboratory, or plant use, the multiparameter Testrs™ combine the measurement capabilities of two meters into one convenient pocket sized unit. The single-junction design of the pH electrodes give a longer life and wider range of sample compatibility. The pin-style conductivity/TDS/salinity sensors feature stainless steel electrodes for chemical resistance and durability. Replaceable sensor modules save money by reusing the meter body. Advanced features include auto-shut off, user adjustable temperature coefficient and low-battery indicator.

Each model is supplied with a protective plastic case, lanyard, and four 1.5V button batteries for about 150 hours of continuous use.

OAKTON®

Catalog No.	Model No.	Range	Resolution	Price Each
91-2611-08	PCTestr® 35	pH—0.0 to 14.0 pH Conductivity—201 to 2000 µS; 2.01 to 20.00 mS Temperature—0 to 50.0°C (32.0-122.0°F)	pH— 0.1 pH Conductivity—1 µS; 0.01 mS Temperature— 0.1°C/0.1°F	\$126.00
91-2611-55	PTTestr® 35	pH—0.0 to 14.0 pH TDS—100 to 999 ppm; 1.00 to 10.00 ppt Temperature—0 to 50.0°C (32.0-122.0°F)	pH— 0.1 pH TDS— 1 ppm; 0.01 ppt Temperature— 0.1°C/0.1°F	\$126.00
91-2611-50	PCSTestr® 35	pH—0.00 to 14.00 pH Conductivity—0 to 200 µS; 201 to 2000 µS; 2.01 to 20.00 mS TDS—0.0 to 99.9 ppm; 100 to 999 ppm; 1.00 to 10.0 ppt Salinity—0 to 10.00 ppt Temperature—0 to 50.0°C (32.0-122.0°F)	pH— 0.1; 0.01 pH Conductivity— 0.1, 1 µS; 0.01 mS TDS— 0.01 ppm; 0.1 ppm; 0.001 ppt, 0.01 ppt, 0.1 ppt Salinity—0.1 ppt; 0.01% Temperature— 0.1°C/0.1°F	\$153.90

Accessories

Catalog No.	Description	Price Each
91-2611-51	Replacement Sensor for 35 Series Testrs®	\$82.00

Preiser Scientific can supply test kits and calibration standards from the following suppliers:

CHEMetrics®
Continental Hydrodyne
GFS
HACH®
Hanna®

HF Scientific
Lovibond® (Orbeco)
LaMotte®
Micro Essential

Oakton™
Thermo Scientific
Taylor Technologies
YSI®

**PREISER SCIENTIFIC**

All The Right Stuff For Your Laboratory
An ISO 9001:2008 Certified Company

Preiser Scientific offers a wide range of products to fit the needs of your laboratory. Our line listing is located on pages 92-93. Visit www.preiser.com for other items that we can supply.

Sales Inquiries: sales@preiser.com

CONDUCTIVITY—Waterproof Con 150 Conductivity Meter**OAKTON®**

- Intuitive, user-friendly icons
- Probe status displays cell constant
- Grip-clip holder quickly and easily secures probe to sample container
- Expanded data logging for up to 150 data sets
- Built-in stand and wall-mount option allow for easy laboratory measurement or storage
- Autoranging across five ranges for fast response and best resolution
- Auto-cal features one calibration point per each conductivity range providing $\pm 1\%$ full-scale accuracy
- Select a probe with a 0.1, 1.0 or 10 cell constant
- Adjustable conductivity-to-TDS conversion factor from 0.4 to 1.0
- Temperature coefficient from 0.0 to 10.0%/°C
- **3-year meter warranty, 6-month probe warranty**



Rugged, accurate, reliable meter at an economical price. Large, three-line LCD allows simultaneous display of either conductivity or TDS measurement with temperature. Automatic temperature compensation (ATC) ensures accuracy even in fluctuating temperatures. Features stability indicator, smart averaging, hold function, visible calibration alarm, battery life indicator, and probe status. Data storage allows manual storage and recall of 150 data sets, as well as log of last calibration data. Instrument is operated on 2 x AA batteries for up to 700 hours use or optional universal 100/240V AC power adapter.

92-2659-94 Meter is supplied with conductivity probe with stainless steel cell, K=1.0 and 2.5 ft. cable, grip-clip probe holder, and 2 x AA batteries.

92-2659-95 Meter kit is supplied with items above plus calibration solutions and hard carrying case.

Catalog No.	Range	Resolution	Price Each
92-2659-94	Conductivity—0 to 200 mS/cm TDS—0 to 200 ppt Temperature— -10.0 to 110.0°C	Conductivity—0.01 μ S/cm, to 0.1 mS/cm TDS—0.01 ppm to 0.1 ppt Temperature—0.1°C	\$445.50
92-2659-95	Conductivity—0 to 200 mS/cm TDS—0 to 200 ppt Temperature— -10.0 to 110.0°C	Conductivity—0.01 μ S/cm, to 0.1 mS/cm TDS—0.01 ppm to 0.1 ppt Temperature—0.1°C	\$495.00

Accessories and Solutions

Catalog No.	Description	Price
90-6399-35	Data Cable for USB Connectivity	\$34.00
90-6399-36	Universal AC Power Adapter	\$54.75
92-2659-17	Conductivity Probe w/Stainless Steel Cell, 2.5 ft. Cable & 5-pin Connector	\$135.00
92-2659-21	Conductivity Standard, 84 μ S/cm, 500 mL	\$12.60
92-2659-23	Conductivity Standard, 1413 μ S/cm, 500 mL	\$12.60
92-2659-28	Conductivity Standard, 12880 μ S/cm, 500 mL	\$13.65
92-2659-96	Grip-clip Probe Holder	\$20.20
92-2659-97	Hard Carrying Case	\$50.50

Preiser Scientific can supply a full line of meters used in the water and wastewater fields from suppliers such as:

CHEMetrics®
Continental Hydrodyne
Hanna Instruments
HF Scientific

Lovibond® (Orbeco)
Oakton™
Thermo Scientific Orion™

Sper Scientific
WTW
YSI®

DEIONIZER—Barnstead™ E-Pure™ Ultrapure™ Water Purification Systems

Thermo
SCIENTIFIC

- Resistivities up 18.2 MΩ-cm and TOC levels below 10 ppb
- Virgin polypropylene water pathways prevent recontamination
- Recirculation pump continuously recirculates water throughout the entire system to maintain water purity and reduce the quantity of wastewater required for rinse-up
- Wall-mountable and completely assembled for easy installation
- Quarter-turn quick release canisters allow for easy cartridge replacement
- 0.2 µm absolute final filter removes bacteria and particulates that could alter your results
- Digital resistivity meter is automatically temperature compensated to 25°C, preventing fluctuating readings due to temperature changes
- **1-year warranty**



17-8006-10

The Barnstead™ E-Pure™ Systems economically produce Type 1 reagent grade water with low operation costs. This is an ideal system for AA, GS, buffer preps or as a purified feed water source for analytical instruments or labware washers. Available as a 3- or 4-module system that use large cartridges for longer cartridge life. The wall bracket is included with the E-Pure™ System.

Cartridge packs, which include the required O-rings, should be selected based on your feed water and need for organic free water and must be purchased separately. Other available optional accessories include a remote dispenser, a low pressure pump protector, and a low water level pump protector.

Catalog No.	No. of Cartridge Modules	Electrical (50/60 Hz)	Price Each
17-8006-10	3	120V	By Quote
17-8006-15	3	240V	By Quote
17-8006-18	4	120V	By Quote
17-8006-25	4	240V	By Quote

Accessories and Cartridges

Catalog No.	Description	Price Each
BRN-D8952	Remote Dispenser	\$838.80
17-8025-10	Low Water Level Pump Protector	\$620.10
17-8029-01	Cartridge Kit, 4-Module for Type 1 Water	\$525.60
17-8029-05	Cartridge Kit, 3-Module for Type 1 Water	\$405.90
17-8027-01	Cartridge Kit, 4-Module w/Low Organic for HPLC Grade Water	\$723.60



PREISER SCIENTIFIC

All The Right Stuff For Your Laboratory
An ISO 9001:2008 Certified Company

Preiser Scientific can supply a complete line of water purification products, including stills, reverse osmosis systems, deionizers, cartridges, and other supplies to meet your laboratory grade water requirements.

DESICCANT—Indicating Desiccant

Indicating Drierite® is impregnated with cobalt chloride to give a clearly visible color change from blue to pink when the desiccant has absorbed moisture and needs to be regenerated. Regeneration can be accomplished by spreading the granules in a layer one granule deep and heating to 210°C for 1 hour. The color may become less distinct on successive regenerations due to sublimation of the indicator. There are four mesh sizes available in 5 lb. glass jars. Other packaging sizes are available upon request.

Catalog No.	Mesh Size	Price Each
11-8460-23	4	\$70.00
11-8461-23	6	\$70.00
90-6247-23	8	\$55.00
11-8463-23	10-20	\$75.00



DESICCATOR—Dry-Keeper™ Vertical Desiccator

Gasketed door swings on two metal hinges and closes with two metal latches. Cabinet has 15 shelf height locations to adapt to requirements and is supplied with 3 perforated shelves with shelf rails. The desiccant tray fits under the bottom shelf. Glass translucent methyl-methacrylate construction for easy viewing of contents. Dial hygrometer on door indicates moisture level in cabinet. Door opening is 25x45cm and inside depth is 34cm.

Catalog No.	Dimensions LxDxH, cm	Shelves	Price Each
90-6279-01	32x39x51	3	\$957.65



DESICCATOR—Stainless Steel Desiccator Cabinet

Boekel desiccator cabinets are durable, hand-crafted construction from stainless steel and glass with rigid doors on full length hinges and with one-piece neoprene gaskets. Shelves are adjustable in ½ in. increments. **90-6275-01** is provided with two stainless steel shelves with round openings for crucibles; **12-1026-01** and **12-1027-01** have two heavy duty stainless steel grid shelves. Ideal for storing materials, drying of biological specimens, or cooling hot samples from 40°C to 150°C following drying. Not to be used with vacuum or pressure. Extra shelves are available separately.



Catalog No.	Dimensions L x W x H, in.	Price Each
90-6275-01	12 1/4 x 12 1/2 x 12 1/2	\$1,076.33
12-1026-01	12 1/4 x 12 1/2 x 12 1/2	\$1,105.22
12-1027-01	19 3/4 x 15 3/4 x 21 3/4	\$2,567.57

Accessories

Catalog No.	Description	Price Each
90-6275-10	Shelf for 90-6275-01	\$63.91
12-1026-02	Shelf for 12-1026-01	\$154.67
12-1027-06	Shelf for 12-1027-01	\$351.52



12-1027-01



12-1026-01

DISSOLVED OXYGEN—5000/5100 Benchtop Dissolved Oxygen Meters

a xylem brand

- Memory stores 100 data sets with date and time stamp
- RS-232 interface and optional BOD Analyst™ software allows data to upload to spreadsheets
- Menu-driven operation from large LCD display
- Auto-stabilization alert for stable reading
- Audio and tactile keypad responses reduce errors
- Automatic temperature compensation
- Self-stirring BOD probes powered through meter reducing cable clutter
- Expanded DO range of 0-600% (0-60 mg/L), resolution of 0.1% (0.01 or 0.1 mg/L)
- Real-time Clock
- Added features for Model 5100 only include: Internal barometer, built-in Oxygen Uptake Rate (OUR)/Specific Oxygen Uptake Rate (SOUR) software, bar code compatibility (with optional reader), automated calibration, port for computer keyboard
- **2 year instrument warranty**



90-6400-15, -16

Microprocessor-based YSI 5000 and 5100 are ideal dissolved oxygen meters for laboratories with software and RS-232 interface for direct link to your PC and are user upgradeable through the YSI website for future software improvements. Added features on Model 5100 makes it more than just a BOD meter for process control in biological treatment facilities.

For operation on 115V with included AC power adapter or with 4 C-cell batteries providing approximately 30 hours of operation (when not using probe stirring feature). 230V models are also available. Probes must be purchased separately.

Catalog No.	Model No./Description	Price Each
90-6400-10	5000-115 Benchtop Dissolved Oxygen Meter, 115V	\$1,296.75
90-6400-11	5000-230 Benchtop Dissolved Oxygen Meter, 230V	\$1,330.00
90-6400-15	5100-115 Benchtop Dissolved Oxygen Meter w/Barometer & OUR/SOUR Software, 115V	\$1,615.00
90-6400-16	5100-230 Benchtop Dissolved Oxygen Meter w/Barometer & OUR/SOUR Software, 230V	\$1,757.50
Accessories		
90-6400-30	BOD Probe, Self-Stirring, Polarographic, 5 ft. Cable	\$646.00
90-6416-04	Membrane Cap Kit w/Electrolyte, 6/pk	\$60.00
90-6405-25	Bar Code Reader	\$902.50
90-6405-32	RS-232 Cable Assembly	\$45.00
90-6405-33	BOD Analyst Pro™ Software	\$565.25

Preiser Scientific can supply test kits and calibration standards from the following suppliers:

CHEMetrics®
Continental Hydrodyne
GFS
HACH®
Hanna®

HF Scientific
Lovibond (Orbeco)
LaMotte®
Micro Essential

Oakton™
Thermo Scientific
Taylor Technologies
YSI®

DISSOLVED OXYGEN—ProODO™ Portable Optical Dissolved Oxygen Meter



- 5000 data-set memory with date and time stamp in manual mode; 60,000 in continuous mode
- Expanded DO range of 0-500% (0-50 mg/L), resolution of 0.1% (0.01 or 0.1 mg/L)
- USB cable, ProComm II communications saddle, and Data Management software included
- Built-in barometer
- Tough rubber over-molded, waterproof, floating housing (IP-67 rated)
- **3-year meter warranty**

Easy-to-use, rugged, field-worthy design that offers accuracy and data management capabilities which makes the ProODO™ the one of the best portable optical dissolved oxygen meter on the market. Instrument has multiple languages, backlit display and keypad, detailed on-screen help. Powered by 2 C-cell alkaline batteries for 80 hours use.

Supplied with Data Management Software, ProComm II communications saddle, and USB cable. Cable and probe assemblies of varying lengths for field and OBOD probes may be purchased separately, and wide array of accessories are available, such as shoulder straps, tripods, lab docks, and cases. Kits containing various configurations of cable and probe assemblies along with accessories are also available.



Catalog No.	Model No./ Description	Price Each
90-6400-40	ProODO Portable Optical DO Meter	\$674.50
Accessories		
90-6400-41	ProODO Probe w/4m cable	\$631.75
90-6400-42	ProODO Probe w/10m cable	\$703.00
YSI-626320	Sensor cap for ProODO Probe	\$100.00
90-6401-30	ProOBOD Self-stirring Probe	\$883.50
90-6401-31	Sensor cap for ProOBOD Probe	\$105.00

DISSOLVED OXYGEN—Pro20 Portable Dissolved Oxygen Meter



- User-replaceable cables and sensor for either polarographic or galvanic field probes or a self-stirring BOD probe for the lab
- Expanded DO range of 0-500% (0-50 mg/L); resolution of 0.1 or 1% (0.01 or 0.1 mg/L)
- One Touch Cal with automatic barometric and temperature compensation
- Memory for up to 50 data sets with date and time stamp
- Graphic, backlit display and glow-in-the-dark keypad
- IP67-rated, impact-resistant, waterproof, rubber over-molded housing
- **3 year meter warranty**

Rugged and reliable, YSI Pro20 provides all that is needed in portable meters, but can be equally at home in laboratory. Rapid response times allow quick completion of sampling routine, saving time and money. Powered by 2 C-cell alkaline batteries for 400 hours of use.

Catalog No.	Model No.	Price Each
90-6400-90	Pro20	\$532.00



Various cable lengths and either polarographic or galvanic sensors for field use and/or a ProBOD self-stirring BOD probe can be selected and purchased separately. Kits are available with meter, cables and sensors or probes, and cases. Contact our customer service department at 800.624.8285.

EYEWASH–EyeSafe™ Faucet-Mounted Eyewash

Emergency eyewash that can convert any faucet into an eyewash station close to where accidents may happen and without interfering with normal faucet operations. Two styles are available: one with outlet heads mounted 5" apart and adjustable and one with outlet heads mounted 3" apart and stationary and offer a soft aerated flow of water. Furnished with float-off dust covers, a diverter valve to activate eyewash and three adaptors (15/16"-27, 13/16"-27 and 3/8" IPS) for installing on most commonly used faucets, including laboratory-type faucets. *Use with cold or warm water only to avoid scalding.*



91-4820-01

Catalog No.	Outlet Head Style	Price Each
91-4820-01	Adjustable	\$128.08
91-4820-02	Fixed	\$112.67

EYEWASH–Deck-Mounted 90° Swivel Eyewash

Mount on counter next to sink. Spray heads swivel 90° from storage to operational position. Water flow is activated by flag handle. Supplied with two GS-Plus™ spray heads with "flip-top" dust covers, internal flow control and filter, 1/2" IPS chrome plated brass stay-open ball valve, locknut and washer for mounting. Supply line requires 1/2" NPT male inlet.



91-4828-01

Catalog No.	Price Each
91-4828-01	\$414.13

EYEWASH/DRENCH HOSE—Water Saver™ Deck Mounted Eye Wash/Drench Hose

Dual purpose eye wash/drench hose meets the ANSI Z358.1-2009 provisions as both an eye wash and a drench hose to rinse any part of user's eyes, face, or body. Eye wash can be used as a fixed eye wash by leaving it in the deck flange or lift from flange to use as drench hose. Two spray heads are mounted side-by-side and have flip-top dust covers. Lever handle operated valve has a locking clip that engages when handle is depressed providing "hands free" operation until locking clip is released. Supplied with 8 ft. reinforced PVC hose with 300 PSI maximum working pressure. Supply: 3/8" NPT male swivel-type inlet. ANSI-compliant identification sign.



13-9622-01

Catalog No.	Price Each
13-9622-01	\$332.80

EYEWASH/SHOWER STATION—Water Saver™ Safety Station

The Water Saver™ Safety Station is a combination eye wash and shower safety station. It has a 10" diameter orange ABS plastic shower head and an 11 1/2" stainless steel eyewash bowl equipped with two spray heads. Each spray head has a "flip top" dust cover. It has schedule 40 galvanized steel pipe covered with orange polyethylene for high visibility and corrosion resistance. The unit is furnished with an ANSI-compliant identification sign. Supply inlet and waste outlet are 1 1/4" female.



13-9600-03

Catalog No.	Price Each
13-9600-03	\$1,048.96

Preiser Scientific can also supply portable eyewash units. See our listing on page 84 or check www.preiser.com.

MUFFLE FURNACE—Thermolyne™ Benchtop Muffle Furnaces

- Operates up to a 1200°C maximum temperature
- For added protection, the door safety switch stops power to heating elements when door opens
- Thermocouple break protection cuts power to heating elements, preventing a thermocouple failure runaway condition
- Two open coil heating elements on chamber sides assure fast heat-up with minimum temperature gradient
- Thermal-efficient ceramic insulation surrounds chamber for maximum energy efficiency
- 0.95 cm diameter port in chamber rear for monitoring temperatures with independent measuring devices
- 5.8 L models include a ceramic shelf that doubles furnace load capacity
- **1-year Warranty**

Thermo
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A1 Controller

- Digital single setpoint control
- Single display shows actual temperature or setpoint

B1 Controller

- Digital single setpoint control with a single ramp to setpoint and a dwell
- Single display shows actual temperature or setpoint
- Furnaces with this control also use a mechanical over-temperature protection relay

C1 Controller

- Digital programmable control with one stored program of eight segments
- Furnaces with this control also use a mechanical over-temperature protection relay

Ideal for general laboratory use, including gravimetric analysis, sintering, quantitative analysis, and heat treating. All furnaces include a power cord (90-8611-10, -11, and -12 include a 20-amp cord; 90-8608-10 and 90-8610-04 are available with plug for operation in China) and a hearth tray.

Catalog No.	Chamber Capacity	Interior D x W x H, cm	Power, V / Hz / Amp / Watts	Control Type	Price Each
90-8605-01	2 L	15 x 13.7 x 10	120/50-60/4.2/1000	A1-digital single setpoint	By Quote
90-8608-10	2 L	15 x 13.7 x 10	240/50-60/4.2/1000	C1-programmable with 1 program, 8 segments	By Quote
90-8608-03	2 L	15 x 13.7 x 10	240/50-60/4.2/1000	C1-programmable with 1 program, 8 segments	By Quote
90-8608-01	2 L	15 x 13.7 x 10	120/50-60/8.3/1000	C1-programmable with 1 program, 8 segments	By Quote
90-8610-03	5.8 L	25 x 18 x 13	240/50-60/7.5/1800	A1-digital single setpoint	By Quote
90-8610-04	5.8 L	25 x 18 x 13	240/50-60/6.5/1560	A1-digital single setpoint	By Quote
90-8611-13	5.8 L	25 x 18 x 13	120/50-60/15/1800	A1-digital single setpoint	By Quote
90-8611-12	5.8 L	25 x 18 x 13	120/50-60/15/1800	B1-digital single setpoint with 1 ramp	By Quote
90-8611-10	5.8 L	25 x 18 x 13	120/50-60/15/1800	C1-programmable with 1 program, 8 segments	By Quote
90-8611-02	5.8 L	25 x 18 x 13	208/50-60/7.5/1560	B1-digital single setpoint with 1 ramp	By Quote

MUFFLE FURNACE—Thermolyne™ Industrial Benchtop Muffle Furnaces

- Operates up to a 1200°C maximum temperature
- Ruggedly designed industrial furnace with heavy-duty firebrick insulation
- Adjustable Alarm or Over-temperature Protection (OTP) setting can be used to protect the furnace or loaded chamber from excessive heat
- Thermocouple break protection cuts power to heating elements, preventing a thermocouple failure runaway condition
- Counter-weighted door swings upward, directing heat away from operator
- Four individual embedded elements in special refractory cement permit excellent heat distribution in the chamber
- Door safety switch stops power to heating elements when door is opened
- 0.95 cm diameter port in chamber rear for monitoring temperatures with independent measuring devices
- **1-year Warranty**

18-2710-13 Digital Single Setpoint model only

- Single ramp to setpoint and a dwell
- Single display shows actual temperature or setpoint

18-2710-12 Digital Programmable Model only

- LED display simultaneously shows setpoint and actual furnace temperatures in either °C or °F
- Ramps to vary heat-up rate and dwell cycles to hold temperature at set levels from 0.1 to 999.9 minutes

Thermo
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Ideal for ashing most types of organic and inorganic samples, performing ignition tests, conducting gravimetric analysis, and for the determination of volatile total and volatile suspended solids.

Catalog No.	Chamber Capacity	Interior D x W x H, cm	Power, V / Hz / Amp / Watts	Price Each
18-2710-13	2.2 L	22.8 x 10.1 x 9.5	240/50-60/9.3/2230	By Quote
18-2710-12	2.2 L	22.8 x 10.1 x 9.5	120/50-60/18.6/2230	By Quote

MUFFLE FURNACE—Thermolyne™ Benchtop Muffle Furnaces

- Digital single setpoint temperature control to 1100°C
- Display shows actual temperature and setpoint or scrolling for parameter adjustment
- Ceramic fiber insulation reduces energy consumption
- Embedded heating element on top and both sides improves temperature uniformity
- Drop-down door doubles as a shelf for loading and unloading
- Door safety switch stops power to heating elements as door opens
- Thermocouple break protection cuts power to heating elements, preventing a thermocouple failure runaway condition
- **1-year Warranty**

Thermolyne™ Benchtop Muffle Furnace is ideal for ashing most types of organic and inorganic samples, performing ignition tests, conducting gravimetric analysis, and for determination of volatile total and volatile suspended solids. Furnace includes thermocouple, line cord and plug.

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Catalog No.	Chamber Capacity	Interior D x W x H, cm	Power, V / Hz / Amp / Watts	Stability/Uniformity @ 1000°C	Price Each
18-2720-02	1.3L	13 x 10.3 x 9.8	120/50-60/8.8/1060	±0.3°C/±7.8°C	By Quote
18-2725-02	2.1L	15.2 x 12.7 x 10.8	120/50-60/12.1/1450	±0.5°C/±5.0°C	By Quote

HOT PLATE—Cimarec™ Digital Hot Plates

- Microprocessor-controlled feedback technology maintains consistent, repeatable temperature settings from 5°C up to 540°C
- Digital display and large control knob enable precise temperature control
- Flat top and high-wattage heating elements provide superior heat transfer and fast time-to boil
- Rugged cast aluminum body is stable and durable; ceramic top cleans easily, resistant to alkalis and acids, and white, reflective surface aids sample visibility
- Integrated ring stand holder to accommodate 0.5 in. diameter support rod
- **3-year warranty**

Hot plates that deliver a host of capabilities for a laboratory requiring precise temperature control for repetitive procedures. Low-profile design and stable base helps prevent tipping and spillage and diverts spills away from internal electronics. Flashing Hot Top Caution warning alert activating when heating surface is above 50°C even when turned off helps prevent accidental burns. Supplied with detachable line cord and plug.

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Catalog No.	Heating Plate Size, in.	Electrical Requirement	Price Each
90-9386-03	4.25 x 4.25	120V; 50/60 Hz	\$229.50
90-9387-03	7.25 x 7.25	120V; 50/60 Hz	\$249.30
90-9388-03	10.25 x 10.25	120V; 50/60 Hz	\$425.70
90-9386-04	4.25 x 4.25	220/240V; 50/60 Hz	\$229.50
90-9387-04	7.25 x 7.25	220/240V; 50/60 Hz	\$249.30
90-9388-04	10.25 x 10.25	220/240V; 50/60 Hz	\$425.70

Accessories

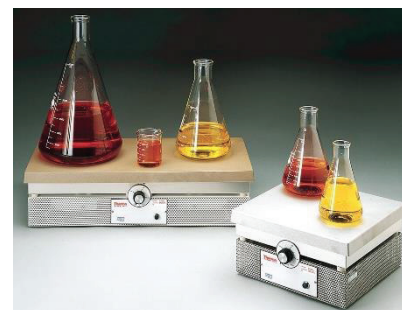
Catalog No.	Description	Price
14-3422-97	Plated Steel Support Rod, 1/2" x 24"	\$7.40

HOT PLATE—Barnstead®/Thermolyne® Extra-Capacity Hot Plates

- Large, aluminum heating surface and thermostatic controls for superior temperature uniformity and stability
- Thermostatic temperature control provides excellent stability
- Safe and reliable construction
- Cycle light indicates when power is being supplied to heating element
- Stainless-steel case provides optimal strength for heavy loads
- Epoxy-painted surface increases chemical resistance in corrosive environments
- Large 12 x 12 in. (30.5 x 30.5cm) and 12 x 24 in. (30.5 x 60.9cm) top plate surfaces accommodate up to 40 lb. (18.2kg) loads
- **3-year warranty**

Demand-type thermostat supplies full power until set temperature is reached then cycles to hold temperatures within 3°C. Cast aluminum top has ribs on underside to prevent warping. Nickel-chromium alloy heating elements are embedded in refractory plates that preserve original placement of coils and protect them from damage. Perforated steel case allows free circulation of cooling air, keeping control mechanism cool and preventing heat damage to table tops. Other features include stepless temperature selection, minimum overshoot, and cycle light. 12 x 12" models are supplied with a three-wire cord and plug; 12 x 24" models require conduit connection. Maximum operating temperature is 371°C.

Thermo
SCIENTIFIC



Catalog No.	Heating Plate Size, in.	Electrical Requirement	Price Each
90-9380-01	12 x 12	120V 50/60Hz; 1600W, 13.3A	\$885.60
90-9380-02	12 x 12	240V 50/60Hz; 1600W, 6.7A	\$889.20
90-9380-03	12 x 24	120V 50/60Hz; 3200W, 26.6A	\$1,251.90
90-9380X-03	12 x 24	240V 50/60Hz; 3200W, 13.3A	\$1,251.90

HOT PLATE—Scholar™ Hot Plates

- Operates on 120V/60Hz
- Dual heat shields ensure the outer case remains cool to the touch
- UL/CUL approved
- **One-year warranty**

Corning®'s most economical hot plate is an efficient choice for a lab's heating needs. Compact design minimizes wasted bench space and features a white enameled steel top for maximum heat conduction.

CORNING



Catalog No.	Model No.	Heating Plate Size, in.	Electrical Requirement	Price Each
18-6694-01	PC-170	5 x 5	120V/60Hz/2.1A	\$147.91

STIRRING HOT PLATE-Digital Magnetic Stirring Hot Plate**Common features:**

- 7 x 7 in. square stirring hot plates
- Temperature range—ambient to 550°C
- External temperature sensor available to display and control actual temperature of solution being stirred with an accuracy of $\pm 0.5^\circ\text{C}$
- Separated safety circuits automatically stops heating if safety temperature of 580°C is exceeded
- Heat only, stir only or heat and stir together functions
- LCD displays "Hot" warning when hot plate temperature exceeds 50 °C even if switched off
- **Two-year warranty**

Model features:**92-1394-23 Pro Series**

- Temperature accuracy $\pm 10^\circ\text{C}$ at plate
- LED display target and actual temperatures
- Speed range—0 to 1500 rpm, controlled with scale at knob
- Shaded Pole Motor

92-1394-22 Pro Series

- Temperature accuracy $\pm 1^\circ\text{C}$ at plate
- Easy-to-read independent backlit LCD displays for heat and stirring
- Speed range—100-1500 rpm, LCD display for precise control
- Electronic speed control for constant speed even during changes in load
- Maintenance free DC brushless motor for long life
- PC can control and document all parameters via RS232 interface



92-1394-23

Easy-to-clean ceramic plates and enclosed aluminum alloy casings offer excellent resistance to chemicals. Ideal for larger vessels and containers, these are widely used in chemical synthesis, physical and chemical analysis, or general laboratory setting. For operation at 110V, 50/60 Hz with a 1000W output.

Catalog No.	Digital Display Style	Temperature Accuracy at Plate	Price Each
92-1394-23	LED	$\pm 10^\circ\text{C}$	\$495.00
92-1394-22	LCD	$\pm 1^\circ\text{C}$	\$625.00

Accessories

Catalog No.	Description	Price Each
92-1394-28	External Temperature Sensor, 230 mm	\$125.00
92-1394-29	Sensor Support Rod & Clamp	\$58.50

INCUBATOR—Economy Digital Incubator

- Gravity convection offers good temperature uniformity and stability
- Temperature Range—Ambient +5°C to 42°C with stability of $\pm 3^\circ\text{C}$ and uniformity of $\pm 1^\circ\text{C}$ (measured at 37°C)
- LCD temperature display is readily visible throughout lab
- Ideal for placing under low hanging cabinetry
- Rugged metal door with magnetic door latch
- Tip-proof adjustable shelves
- UL/CSA listed
- **Two-year warranty**

Designed for reliability and economy, these incubators are ideally suited for clinical, industrial, and school laboratories. For operation at 115V, 50-60 Hz. Outside dimensions: 13 x 14 x 16 ¼ in. Supplied with one integral shelf and one adjustable shelf. Additional shelves are available separately.

Catalog No.	Description	Price Each
19-1241-01	0.8 cu.ft. Digital Incubator	\$752.00
Accessories		
90-9506-11	Shelf w/Brackets for 19-1241-01	\$61.16

BOEKL
Boekel Scientific



INCUBATOR—Heratherm™ General Protocol Microbiological Incubators

- Gravity convection provides gentle air flow and minimal drying out—best choice for open plates or containers
- Temperature Range from ambient +5° to 75°C with uniformity of $\pm 0.6^\circ\text{C}$ and stability of $\pm 0.2^\circ\text{C}$ (measure at 37°C)
- Corrosion-resistant stainless-steel chamber (AISI 430)
- Intuitive user interface for setting temperature
- Large, easy-to-read vacuum fluorescent display
- Safe view of samples through internal glass door, without impact on temperature
- Automatic overtemperature alarm
- Stackable, space-saving design
- **2-year warranty-parts and labor**

Heratherm™ general protocol microbiological incubators are designed to provide long-term performance while providing optimal conditions—a necessity for successful incubation. Each unit is equipped with an RS-232 interface for exceptional data monitoring which is the key to reliable results. For operation on 120 V, 60 Hz. Two stainless-steel shelves are supplied with each unit and a variety of accessories and additional shelves are available to customize incubator for your specific application.

Thermo
SCIENTIFIC



Catalog No.	Product No.	Chamber Volume	Interior DxWxH, cm	Price Each
90-9507-09	51028063	75 L	41.4 x 35.4 x 50.8	\$1,723.50
90-9507-11	51028064	117L	41.4 x 46.4 x 60.8	\$2,141.10
90-9507-07	51028065	194L	58.9 x 46.4 x 70.8	\$2,538.90
Accessories				
Catalog No.	Description			Price Each
90-9507-22	S/S Perforated Shelf w/2 Supports for 90-9507-09			\$123.00
90-9507-21	S/S Perforated Shelf w/2 Supports for 90-9507-11			\$133.00
90-9507-20	S/S Perforated Shelf w/2 Supports for 90-9507-07			\$145.00

JAR TESTER—Programmable Jar Tester

Jar testing is a proven method for water and wastewater treatment facilities to determine optimal dosing for specific conditions. These programmable models produce results with a high level of accuracy and repeatability by utilizing four operator-programmable memory banks that offer virtually unlimited stirring capabilities. Paddle speeds from 5 to 300 rpm in 1 rpm increments and run times from 1 sec. to 59 min., 59 sec. in 1-sec increments can be programmed and each stirrer may be ran independently, in either a continuous mode or a sequential mode to replicate actual plant conditions and operation. Built on a power-coated steel chassis, the 1" x 3" paddles are 6" apart and are adjustable to a maximum depth of 9". Models are available with either 1 L glass beakers or 2 L square acrylic B-KER²® lab jars with 50 mL graduations and drain valve. Operates on 24V with an adapter that uses either 110V or 220V (both cords included).




Catalog No.	Model No.	Beaker Type	No. of Positions	Price Each
92-1465-06	7790-900	1 L Glass	6	By Quote
92-1465-07	7790-910	2 L Acrylic	6	By Quote
92-1465-08	7790-950	1 L Glass	4	By Quote
92-1465-09	7790-960	2 L Acrylic	4	By Quote
92-1465-04	7790-980	2 L Acrylic	2	By Quote

Accessories

Catalog No.	Description	Price		
		EA	PK	CS
90-2302-86	Beaker, Pyrex®, Low Form, 1L, 6/pk, 24/cs	\$9.74	\$53.10	\$193.14
92-1465-50	Square Lab Jar, Acrylic, w/Drain, 2L	\$78.00	N/A	N/A

KJELDAHL DISTILLATION UNITS

These units are two- or six-place base cabinet mounted distillation units with seamless stainless steel tubing manifolds. Counterflow heat exchanger controls back pressure and maximizes rate of distillation for uniformity of results. Borosilicate glass connecting bulbs separate liquid from vapors prior to vapors entering condenser and effectively traps caustic mist that may carry over to recovery solution. Borosilicate glass delivery tubes with long necks, round bottoms and thick walls help eliminate pressure fluctuations in distillation phase. Electric heaters have curved ceramic bases to cradle 500 or 800 ml Kjeldahl digestion flasks. Heaters have individual infinite-control knobs for electric heaters with variable input from 20-100% capacity.




Catalog No.	Unit Style	Power Requirements	Price, Each
90-6387-01	Two-place	115V, 50/60Hz, 11 amps	By Quote
LCN-21276-01	Six place	115V, 50/60Hz, 32 amps	By Quote
LCN-21276-02	Six place	230V, 50/60Hz, 16 amps	By Quote

Accessories

Catalog No.	Description	Price		
		Each	PK	CS
90-6387-05	Glass Connecting Bulbs, 6/pk	N/A	\$415.00	N/A
LCN-21288	Glass Delivery Tubes, 6/pk	N/A	\$175.00	N/A
90-6387-09	1-Hole Rubber Stopper for Kjeldahl Flask, 14/pk	N/A	\$61.87	N/A
90-7617-05	Pyrex® Kjeldahl Flask, 500 mL, 6/pk, 24/cs	\$20.82	\$113.54	\$412.92
90-7617-07	Pyrex® Kjeldahl Flask, 800 mL, 6/pk, 24/cs	\$20.12	\$109.76	\$299.30

MICROSCOPE—Economy Series Microscopes

These microscopes are supplied complete with cast alloy aluminum stands with coaxial coarse and fine focus control, fixed focus stops, and variable cordless-rechargeable/corded LED or 6 volt, 20 watt Halogen illumination; cast binocular body, inclined 30° and rotatable 360°, with single diopter adjustment and interpupillary distance adjustment; locked-in paired eyepieces WF10X/18.5mm field of view with pointer in one eyepiece, accepts 21mm reticles; reverse facing ball bearing Quadruple Nosepiece; DIN Achromat 4X, 10X, Semi-Plan Objectives 40XR and 100XR or Planachromat Objectives 4X, 10X, 40XR and 100X oil; Graduated Mechanical Stage 140mm x 140mm with travel area of 75mm x 50mm, with right hand low position control, vernier scale reading to 0.1mm; Abbe Condenser 1.25 N.A. on rack and pinion with swing-out filter holder; clear blue filter, dust cover, immersion oil and instruction manual.



43-0027-12

Catalog No.	Description	Price Each
43-0027-12	Economy Microscope with Achromat objectives and Halogen 6V/20W Illumination	\$629.41
43-0028-12	Economy Microscope with Planachromat objectives and Halogen 6V/20W Illumination	\$867.83
43-0030-12	Economy Microscope with Achromat objectives and LED Illumination	\$667.77
43-0031-12	Economy Microscope with Planachromat objectives and LED Illumination	\$903.46

**PREISER SCIENTIFIC**

All The Right Stuff For Your Laboratory
An ISO 9001:2008 Certified Company

Preiser Scientific is your source for stereomicroscopes.



44-0677-23



44-0651-21

See pages 35 and 39 for Accu-Scope® stereomicroscopes.

MICROSCOPE—MT 4000 Series Microscopes

- Ergonomic Microscope Stand With Coaxial Focus Controls
- Binocular or Trinocular Body
- Quintuple Nosepiece
- Infinity Corrected Optical System
- Graduated Mechanical Stage
- Abbe and Phase Contrast Models
- LCD or Halogen Illuminators
- Wide Range of Optical Accessories
- CCTV and Camera Attachments

MT 4000 Series microscopes are ideally suited for use in water and environmental testing, industry, clinical, education and research applications. Its rigid stand incorporates low positioned coaxial coarse/fine focus controls. Equipped with either a Siedentopf-type standard binocular, trinocular or an ergonomic binocular body allowing inclination adjustable vertically from 10° to 50°. Reverse knurled quintuple nosepiece design allows easy objective interchange. High performance infinity corrected optical system provides exceptionally bright, crisp images, with good color rendition and flat fields of view. Supplied with ceramic coated, right hand, graduated mechanical stage (left hand is optional) with low position controls and adjustable lever stage height positioner. Bright field and Phase Contrast Condensers selections are available. Focusable substage condenser mount has an adjustable centering control. With LED or Halogen Koehler illumination system, separate "on-off" switch and light intensity controls, and adjustable field diaphragm. Accessories include wide range of optics, reticles, stage micrometers, camera attachments, CMOS/CCD video cameras, digital still cameras, and 35mm cameras.

Microscopes with LED illumination are supplied complete as described with a ceramic coated graduated mechanical stage in a Styrofoam case with dust cover, AC electric cord for 115V operation. Halogen illuminating systems are additionally supplied with a clear blue filter.



43-0001-12



43-0021-12



Ergonomic Head

MT 4000 Series Microscopes cont.

Catalog No.	Model No.	Body Tube	Eyepieces / Objectives	Stage / Condenser	Illuminator	Price Each
43-0001-12	MT-4200L	Standard Binocular	Pair KHW-10X / Planachromats 4X, 10X, S40X, S100X oil	Graduated Mechanical / Abbe Type N.A. 1.25	LED Koehler	\$1,948.50
43-0002-12	MT-4200EL	Ergonomic Binocular	Same as 43-0001-12			\$2,241.00
43-0005-12	MT-4300L	Standard Trinocular	Same as 43-0001-12			\$2,106.00
43-0006-12	MT-4300EL	Ergonomic Trinocular Body System	Same as 43-0001-12			\$2,713.50
43-0007-12	MT-4200H	Standard Binocular	Pair KHW-10X / Planachromats 4X, 10X, S40X, S100X oil	Graduated Mechanical / Abbe Type N.A. 1.25	6V, 30W Halogen Koehler	\$1,948.50
43-0008-12	MT-4200EH	Ergonomic Binocular	Same as 43-0007-12			\$2,241.00
43-0009-12	MT-4300H	Standard Trinocular	Same as 43-0007-12			\$2,106.00
43-0010-12	MT-4300EH	Ergonomic Trinocular Body System	Same as 43-0007-12			\$2,713.50
43-0015-12	MT-4210L	Standard Binocular	Pair KHW-10X / PLAN 4X, S.Plan Phase 10X, Plan S.APO 40X; Centering Telescope	Graduated Mechanical / Zernike Type Phase N.A. 1.25; Green Filter	LED Koehler	\$2,656.80
43-0016-12	MT-4210EL	Ergonomic Binocular	Same as 43-0015-12			\$2,949.30
43-0017-12	MT-4310L	Standard Trinocular	Same as 43-0015-12			\$2,814.30
43-0018-18	MT-4310EL	Ergonomic Trinocular Body System	Same as 43-0015-12			\$3,421.80
43-0019-12	MT-4210H	Standard Binocular	Pair KHW-10X / PLAN 4X, S.Plan Phase 10X, Plan S.APO 40X; Centering Telescope	Graduated Mechanical / Zernike Type Phase N.A. 1.25; Green Filter	6V, 30W Halogen Koehler	\$2,656.80
43-0020-12	MT-4210EH	Ergonomic Binocular	Same as 43-0019-12			\$2,949.30
43-0021-12	MT-4310H	Standard Trinocular	Same as 43-0019-12			\$2,814.30
43-0022-12	MT-4310EH	Ergonomic Trinocular Body System	Same as 43-0019-12			\$3,421.80

Accessories for Meiji Model MT-4000 Series Microscopes			
Catalog No.	Model No.	Description	Price Each
Viewing Heads			
43-0014-01	MA815/05	Bionocular Body, Standard Siedetopf type with graduated diopter adjustment, inclined at 30°	\$475.00
43-0014-02	MA957/05	Bionocular Body, Ergonomic, inclinable vertically, adjustable from 10 to 50°	\$800.00
43-0014-03	MA816/05	Trinocular Body, Standard Siedetopf type with graduated diopter adjustment, inclined at 30°	\$650.00
43-0014-04	MA957/958	Ergonomic Trinocular Body System, includes 43-0014-02 Ergonomic Body and 43-0014-05 Photo Video Attachment	\$1,325.00
43-0014-05	MA958	Photo/Video Attachment, only, with 80/20 beam splitter. (Included when 43-0014-04 Ergonomic Trinocular Body System is ordered)	\$525.00
Eyepieces			
43-0014-06	MA407	KHW-10X Compensating Eyepiece, Field No. 20 with 21mm reticle mount	\$100.00
43-0014-07	MA407/05	KHW-10X-F Compensating Focusing Eyepiece, Field No. 20	\$170.00
43-0014-08	MA200	Eyeshields for 43-0014-06 and 43-0014-07 eyepiece	\$6.00
43-0014-09	MA408	HWF-15X Widefield Eyepiece, Field No. 12.2 (No reticle mount)	\$85.00
43-0014-10	MA409	HWF-20X Widefield Eyepiece, Field No. 9 (No reticle mount)	\$85.00
43-0014-11	MA406	HWF-10X Widefield High Eyepoint Eyepiece, Field No. 18, with 19 mm reticle mount	\$85.00
43-0014-12	MA413	HWF-10X Focusing Eyepiece, Field No. 18, with 19 mm reticle mount	\$160.00
Brightfield Planachromat Objectives			
43-0014-15	MA965	Plan Achromat 4X, N. A. 0.10, W. D. 15.3mm	\$70.00
43-0014-16	MA966	Plan Achromat 10X, N. A. 0.125, W. D. 7.3mm	\$80.00
43-0014-17	MA833	Plan Semi Apochromat 20X, N. A. 0.40, W. D. 7.29mm	\$165.00
43-0014-18	MA968	Plan Achromat 40X, N. A. 0.65, W. D. 0.72mm	\$170.00
43-0014-19	MA969	Plan Achromat 60X, N. A. 0.80, W.D. 0.23	\$230.00
43-0014-20	MA970	Plan Achromat 100X, spring loaded, N.A. 1.25, OIL, W. D. 0.14mm	\$190.00
43-0014-23	MA930	Semi Plan Achromat Phase 10X, N.A. 0.25, W.D. 7.3mm	\$170.00
43-0014-24	MA931	Semi Plan Achromat Phase 20X, N.A. 0.40, W.D. 5.1mm	\$205.00
43-0014-25	MA841	Plan Semi Apochromat Phase 40X, spring loaded, N.A. 0.65, W.D. 0.5mm	\$307.00
43-0014-26	MA842	Plan Semi Apochromat Phase 100X, spring loaded, N.A. 1.25 oil, W.D. 0.23 mm	\$470.00
43-0014-27	MA458	Centering Telescope, 23.2 mm O.D.	\$116.00
Condensers			
43-0014-29	MA910	Abbe Condenser, N.A. 1.25 with iris diaphragm	\$140.00
43-0014-30	MA976	Abbe Condenser, N. A. 0.90, with swing out top lens, iris diaphragm. (For use with low power scanning objectives)	\$600.00
43-0014-31	MA911	Achromatic Condenser, N.A. 1.25 with iris diaphragm	\$160.00
43-0014-32	MA913	Zernike Phase Condenser with centerable phase annuli for 10X, 20X, 40X and 100X, with brightfield position, darkfield stop for 40X objective, with iris diaphragm.	\$720.00
Polarizer Accessories			
43-0014-34	MA915	Polarizing Set	\$135.00
43-0014-35	MA915/PT2	Polarizing Filter, unmounted, (For use with 43-0014-36 Intermediate Tube)	\$95.00

Accessories for Meiji Model MT-4000 Series Microscopes			
Catalog No.	Model No.	Description	Price Each
Polarizer Accessories			
43-0014-36	MA1043	Intermediate Tube, with built-in Analyzer and Compensator Slot for 43-0014-35 Filter	\$495.00
Filters			
43-0014-38	MA858/05	ND25 Neutral Density Filter, 44 mm diameter	\$55.00
43-0014-39	MA856/05	LB100 Blue Clear Filter, 44mm diameter	\$55.00
43-0014-40	MA857/05	Green Clear Filter, 44mm diameter	\$55.00
43-0014-41	MA861/05	Green Interference Filter, 44mm diameter	\$190.00
Stages			
43-0014-44	MA917R	Ceramic Coated Graduated Flat Top Stage, 76mm x 52mm, X-Y movement, with right hand drop-down coaxial controls	\$505.00
43-0014-46	MA917L	Ceramic Coated Graduated Flat Top Stage, 76mm x 52mm, X-Y movement, with left hand drop-down coaxial controls	\$505.00
43-0014-47	MA598	Attachable Finger Assembly for Flat Top Stages (Replacement)	\$105.00
43-0014-48	MA676	Attachable Clinical Finger Assembly for Flat Top Stages (Replacement)	\$225.00
Eyepiece Reticles and Micrometers for 43-0014-06 KHW 10X Eyepieces			
43-0014-50	MA284	Cross-line Reticle, 21mm diameter	\$65.00
43-0014-51	MA255	Eyepiece Micrometer, 10mm/0.1mm, 21mm diameter	\$65.00
43-0014-52	MA256	Eyepiece Micrometer, 5mm/0.05mm, 21mm diameter	\$65.00
43-0014-53	MA283/05	10mm Squares/100 1mm squares, 21 mm diameter	\$65.00
43-0014-54	MA540	Cross-line Reticle, 0.1mm graduations, 21mm diameter	\$65.00
Stage Micrometers			
43-0014-60	MA285	Objective Micrometer, .001 mm rulings	\$105.00
43-0014-61	MA286	Objective Micrometer, 0.04" in 0.001"	\$105.00
Bulbs, Fuses, Cover, Case, and Power Cord			
43-0014-63	MA326	Spare Bulb, 6volt, 30 watt Halogen bulb	\$21.00
43-0014-64	LED/SP1	Spare Bulb, LED 5500 K color temperature	\$37.00
43-0014-65	MA327	Spare Fuse for Halogen Illuminator	\$6.00
43-0014-66	MA929	Spare Fuse for LED Illuminator	\$6.00
43-0014-67	MA809/10	Spare Power Cord, 115 volts	\$22.00
43-0014-68	MA701	Spare Plastic Dust Cover	\$21.00
43-0014-69	MA961	Wood Case	\$205.00
Digital 35mm SLR Cameras, Photo Eyepieces, and T-Adapter Rings			
43-0014-70	MA150/50	Camera Attachment to fit photo tube of Trinocular Models	\$95.00
43-0014-71	MA150/60	Camera Attachment as 43-0014-63 but with Eyepiece Finder	\$695.00
43-0014-72	MA512	Photo Eyepiece, 2.5X	\$130.00
43-0014-73	MA508	Photo Eyepiece, 5X	\$130.00
43-0014-74	MA500	Photo Eyepiece, 3.3X (Use with Reticle in Mount)	\$130.00
43-0014-75	T2-1	Adapter Ring for Cannon Camera	\$58.00
43-0014-76	T2-2	Adapter Ring for Minolta Camera	\$58.00
43-0014-77	T2-4	Adapter Ring for Pentax Camera	\$58.00
43-0014-78	T2-5	Adapter Ring for Nikon Camera	\$58.00
43-0014-79	T2-6	Adapter Ring for Olympus Camera	\$58.00

Accessories for Meiji Model MT-4000 Series Microscopes			
Catalog No.	Model No.	Description	Price Each
CCD Video and USB Digital Cameras with 1V DC Adapter			
43-0014-82	V-CK3100N	CCD Color TV Camera, 1/3 CCD, 450 Line, NTSC	\$1,095.00
43-0014-83	V-CK3900N	CCD Color TV Camera, 1/2" CCD, 450 Line, NTSC	\$1,210.00
43-0014-84	DK-3000C	3.0 Megapixel Color Digital Video Microscopy Camera with USB 2.0 interface, 1/2 CMOS format, 6.5mm x 4.9mm image sensor, with 2048x1536 resolution	\$2,000.00
43-0014-85	HD1500T	6.0 Megapixel-Still Shots (Capture Image), 3.0 Megapixel for Video Capture-Color Digital Video Camera with 1/3 CMOS format, USB Interface, HDMI compatible, use with MA151/35/03 adapter, SD card, USB mouse, USB cord, Software measurement and annotation program, for use with HDMI input Monitor, PC compatible. (Non-MAC compatible)	\$1,500.00
43-0014-86	MA151/35/03	CCTV Adapter for use with 43-0014-8 5Digital TV Camera	\$265.00



Zernike Phase Set — comprised of 43-0014-32 Phase Contrast Condenser, 43-0014-27 Centering Telescope, Phase Objectives and Filter



43-0014-84 Digital Video Camera



43-0014-83 CCD Color TV Camera



43-0014-70 35mm Camera

Check www.preiser.com or call our customer service department for more Meiji Microscope models, digital still and video cameras, and accessories to customize a microscope for your needs.

MICROSCOPE—LED Microscopes

These LED microscopes, utilizing infinity Planachromat objectives, provide outstanding optical performance, resolution and value to meet the standards required in water, environmental and industrial testing, by life science professionals, and in education. Its 20mm field of view eyepieces and bright LED illumination system provides high contrast images with excellent resolution.

Microscope stands have a coaxial focusing system and a LED 3 watt variable Illumination System. May be equipped with a Siedentopf



43-2122-21 with optional camera

ergonomic tilting binocular body (5° -35°) or standard trinocular head (50/50 light split), 360° rotatable. With paired EWF Plan 10X focusable eyepieces, 22 mm field of view (one eyepiece with a pointer), reversed quadruple nosepiece with positive click stops for parcentration, and ceramic graduated mechanical

stage, 218 X 150mm with 76mm X 35mm movement, brightfield models are equipped with Planachromat 4X, 10X, 40X and 100X oil objectives, and N.A. 1.25 Abbe condenser on a rack and pinion substage with iris diaphragm. Phase contrast models are supplied with Planachromat Phase 10X and 40X objectives, Abbe condenser N.A. 1.25, with a phase slider for 10X and 40X Annuli and a brightfield position and additionally with a green filter and telescope. Complete with dust cover, power cord, immersion oil and instruction manual.



43-2121-21

Catalog No.	Description	Price Each
43-2121-21	Brightfield LED Binocular Microscope with Infinity Planachromat Objectives	\$1000.29
43-2122-21	Brightfield LED Trinocular Microscope with Infinity Planachromat Objectives	\$1141.88
43-2124-21	Brightfield Phase LED Binocular Microscope with Infinity Plan Phase Objectives	\$1100.77
43-2125-21	Brightfield Phase LED Trinocular Microscope with Infinity Plan Phase Objectives	\$1242.36

Preiser Scientific can supply your microscope accessories:

Microscope Slides

Lens Tissue

Slide Boxes

Slide Mailers

CCTV and 35 mm Cameras

Cover Slips

Carrying Cases

Slide Cabinets

Immersion Oil

Staining Supplies

Phase Optics

Reticules

Slide Dispensers

Replacement Bulbs

Fiber Optic Illuminators

See www.preiser.com or call customer service at 800.624.8285.

MICROSCOPE—Trinocular Microscopes and Stereomicroscope with Group Viewing Screen

Moticam T2 4.X Tablet is used in conjunction with the BA 210 or BA 310 Microscopes or the Zoom Stereomicroscope to permit both visual and group viewing of specimens.

BA210 Elite LED Microscope Stand has coaxial coarse and fine focusing controls, Right Hand Graduated Mechanical Stage with low positioned coaxial controls, 140mm x 135mm; Collector Lens; and 3W LED High Color Temperature Illuminator (6000 K), 100-240V operation. Supplied with Siedentopf type Trinocular body (Light Split 100:0/20:80); 10X/20mm Wide Field High Eyepoint Eyepieces with diopter adjustments on both eyepieces and with eyecups; reversed Quadruple Nosepiece; 4X, 10X, 40XS, and 100XS-oil CCIS EC Plan Achromat Objectives; Focusable Abbe Condenser N. A. 1.25 with iris diaphragm and filter slot; Blue Filter, and Immersion Oil. Accessories include Phase Contrast Condenser, Objectives, View Screen, and Digital Camera Attachments.

BA 310 Elite LED Microscope is equipped similar to BA 210 but has a Quintuple Nosepiece, a new Rackless Stage with travel range of 80 x 55mm, 180mm x 170 mm Mechanical Stage. Built in full Koehler setup with field diaphragm for interchangeable 3W LED High Color Temperature Illuminator (6000 K) Module (included) or optional 6V/30W Halogen Illumination (both accepted by the halogen lamp socket) depending on your application needs.

SMZ-171-TLED Stereomicroscope with Greenough Zoom optical system incorporates a 45° Trinocular Body (Photo/Video: 100%/100% right eye tube), 360° rotation; Interlock eyepiece tubes with Interpupillary Adjustment, 10X Widefield Diopter Adjustable High Eyepoint Eyepieces providing a magnification range of 7.5X to 50X; Large Working Area Pole Type Stand with LED 3W Intensity controlled Incident and Transmitted Light Illuminators, 100-240 V (UL).



44-1000-21
Stereomicroscope

Moticam T2 Viewing Touchscreen consists of a 10.1 Android 4.X Tablet with 5 MP CMOS sensor mount device modified for microscope use. It is powered by 1.6GHz (Quad Core) CPU, NAND Flash Memory 16 GB Internal storage, and 1GB built-in DDR3 Memory to offer fast processing speed. Also equipped with WI-FI, Bluetooth 3.1, Mini-HDMI output (1080P), built-in MIC and Speaker; Micro SD card slot, and earphone jack. Video capture quality 720P. Tablet has a screen tilt and swivel function, and built in rechargeable battery. Software included. A separate C-mount Adapter, 0.5X is additionally required to connect the Tablet to the BA210 and SMZ units.

Motic®



44-0441-21 Microscope shown
w/ 44-0573-21 T2 Tablet and
44-0573-22 adapter mounted

Catalog No.	Description	Price Each
44-0441-21	BA 210 Elite Trinocular LED Microscope	\$1,255.50
44-0446-21	BA 310 Elite Trinocular LED Microscope	\$1,569.60
44-1000-21	SMZ-171-TLED Stereomicroscope	\$1,211.40
44-0573-21	Moticam T2 Viewing Touchscreen	\$899.00
44-0573-22	C-Mount Adapter, 0.5X	\$142.00
44-0446-22	Quartz Halogen Lamp 6V/30W	\$17.00

See www.preiser.com or call customer service for additional Motic microscope models, digital Moticam cameras, and accessories.

MICROSCOPE—Dual Magnification Stereomicroscopes

Three dual magnification ranges to choose from. These microscopes have Binocular viewing heads, inclined 45°, with adjustable interpupillary distance and diopter adjustment. Provides erect three dimensional image. With locked-in WF 10X focusable eyepieces with roll down eyeguards, 20mm field of view. Fixed magnification objectives with protective 1X glass lens shield. Dual focusing knobs with adjustable tension control permits rapid focusing. Rotatable side mount magnification control knobs change magnification quickly and easily. Can be supplied with E-LED Table Stand which has a dovetail focusing stand with built-in incident/transmitted illumination and universal power supply (110-240 volts) or Plain dovetail table stand without illumination capabilities or mounted on pole stand with focusing mount or boom stands. Pole stands are shipped with black and white stage plates and a dust cover, E-LED and plain stands are additionally supplied with a frosted glass plate. Boom stands are supplied with a dust cover.



44-0671-21 / 44-0672-21 / 44-0673-21

Catalog No.	Description	Binocular Body w / (2) Eyepieces	Magnification	Stand	Price Each
44-0671-21	Dual Stereomicroscope	WF 10X	10X/20X	E-LED	\$452.19
44-0672-21	Dual Stereomicroscope	WF 10X	10X/30X	E-LED	\$452.19
44-0673-21	Dual Stereomicroscope	WF 10X	20X/40X	E-LED	\$452.19
44-0674-22	Dual Stereomicroscope	WF 10X	10X/20X	Plain	\$433.92
44-0675-22	Dual Stereomicroscope	WF 10X	10X/30X	Plain	\$433.92
44-0676-22	Dual Stereomicroscope	WF 10X	20X/40X	Plain	\$433.92
44-0677-23	Dual Stereomicroscope	WF 10X	10X/20X	Pole	\$433.92
44-0678-23	Dual Stereomicroscope	WF 10X	10X/30X	Pole	\$433.92
44-0679-23	Dual Stereomicroscope	WF 10X	20X/40X	Pole	\$433.92
44-0680-24	Dual Stereomicroscope	WF 10X	10X/20X	Boom	\$657.72
44-0681-24	Dual Stereomicroscope	WF 10X	10X/30X	Boom	\$657.72
44-0682-24	Dual Stereomicroscope	WF 10X	20X/40X	Boom	\$657.72

44-0674-22 / 44-0675-22 /
44-0676-22 w/optional light ring44-0677-23 / 44-0678-23 /
44-0679-2344-0680-24 / 44-0681-24 /
44-0682-24

See www.preiser.com for a complete listing of optical, mechanical, photographic and CCTV accessories for this series of stereo microscopes.

MICROSCOPE—EMZ-5 and EMZ-5TR Stereomicroscopes

Provide the convenience of continuous, uninterrupted stereoscopic observation over a wide range of magnifications without changing focus or working distance. Optical design provides outstanding definition and sharpness of the specimen image and allows for prolonged periods of use without eyestrain or fatigue.

Both binocular and trinocular stereomicroscope body units cover a zoom magnification range of 0.75 to 4.5X. Dual graduated bilateral mounted knobs provide the zoom magnification control. Total magnification range is 2.1X to 270X and is obtained through the use of various eyepieces and the addition of auxiliary objective lenses. The field of view varies from 32mm to 5.1 mm and the working distance is from 34mm to 251 mm depending on optical combination used. Eyepiece tubes are inclined 45° for convenient viewing and adjust for interpupillary distance. They also provide dual diopter compensation for eyesight differences and rotate 360° for viewing from any position. Paired super wide field eyepieces ranging from 5X to 30X complete the optical configuration.

Various stands can be used with the stereomicroscope bodies. "P" pole stands with 8.35" vertical pillar and "F" focusable mounts have a die-cast base with a black-and-white opal reversible contrast insert plate and stage clips and are used for examination of small opaque objects. PKL-1 ergonomic wide pole stands additionally offer a 5 watt 115/240V LED incident light illuminator while the PKL-2 stands offer both an LED incident light illuminator and a LED array transmitted light illuminator. A "U" boom stand is used to conveniently examine large parts or specimens. Both "P" and "U" stands require an external illumination system such as either a fiber optic dual light pipe or a ring light illuminator.

A wide range of optical and mechanical accessories compliment these stereomicroscopes and include the following: stereo binocular and trinocular bodies, eyepieces, eyepiece reticles, stage micrometers, filters, auxiliary lenses, mechanical stages, polarizing attachments, photomicrographic and CCTV systems, fiber optic illuminators and ring lights, LED, fluorescent and tungsten illuminators and a large selection of stands for every purpose. Stereomicroscopes may be configured as may be required.



43-1440-12



43-1441-12



43-1442-12



43-1443-12

EMZ-5 and EMZ5-TR Stereomicroscopes cont.

Catalog No.	Body	Illumination	Stand Type	Focusing Mount	Eyepieces	Price Each
43-1440-12	EMZ-5 Bionocular	Reflected Light	"P" Pole	"F" Focusing Mount	SWF 10X (2)	\$1,593.00
43-1540-13	EMZ-5TR Trinocular	Same as 43-1440-12 but with Trinocular Body				\$1,926.00
43-1441-12	EMZ-5 Bionocular	Reflected Light / LED 5W Light Illuminator	Ergonomic PKL-1 Pole	"F" Focusing Mount	SWF 10X (2)	\$1,989.00
43-1541-14	EMZ-5TR Trinocular	Same as 43-1441-12 but with Trinocular Body				\$2,322.00
43-1442-12	EMZ-5 Bionocular	Reflected / Transmitted Light / LED 5W Incident Light Illuminator / 58 LED Array Transmitted Light Illuminator	Ergonomic PKL-2 Pole	"F" Focusing Mount	SWF 10X (2)	\$2,083.50
43-1541-15	EMZ-5TR Trinocular	Same as 43-1442-12 but with Trinocular Body				\$2,416.50
43-1443-12	EMZ-5 Bionocular	Reflected Light	Model S4100 Universal Boom Stand with 400mm Vertical Pole and 530mm Horizontal Pole	"F" Focusing Mount	SWF 10X (2)	\$2,007.00
43-1542-12	EMZ-5TR Trinocular	Same as 43-1443-12 but with Trinocular Body				\$2,115.00

Accessories

Catalog No.	Model No.	Description	Price Each
43-1917-20	FL151	Fiber Optic Illuminator w/Dual Light Guides and Focusing Lenses, 115V	\$710.00
43-1916-28	FL152	Fiber Optic Illuminator w/Ring Light Illuminator, 115V	\$820.00
48-1393-01	FL150-70	Spare bulb for 43-1917-20, 43-1916-28 Fluorescent Illuminator	\$65.18
43-1821-01	MA305/100	Fluorescent Ring Light Illuminator, 110V	\$290.00
43-1821-05	MA305/05	Spare bulb for 43-1821-01 Fluorescent Illuminator	\$80.00
43-1621-11	MA263/LED	Free Standing LED Flood Light Illuminator	\$370.00
43-1615-11	MA264/LED	Variable Intensity Versatile LED Illuminator	\$440.00

Preiser Scientific can supply your microscope accessories:

Microscope Slides

Lens Tissue

Slide Boxes

Slide Mailers

CCTV and 35 mm Cameras

Cover Slips

Carrying Cases

Slide Cabinets

Immersion Oil

Staining Supplies

Phase Optics

Reticules

Slide Dispensers

Replacement Bulbs

Fiber Optic Illuminators

See www.preiser.com or call customer service at 800.624.8285.

STEREOMICROSCOPE ILLUMINATOR—Dual-Arm Fiber Optic Illuminator

150 Watt/115V quartz halogen light source with self-supporting dual arm light guides, connecting adapter and focusing lenses. Rheostat controlled intensity. Color temperature 3200°K. UL listed and CSA approved.

Catalog No.	Description	Price Each
43-1917-20	Dual-Arm Fiber Optic Illuminator	\$710.00



43-1917-20

STEREOMICROSCOPE ILLUMINATOR—Annular Fiber Optic Illuminator

150 Watt/115V quartz halogen light source with 60mm I.D. annular light guide and connecting adapter. Rheostat controlled intensity. Color temperature 3200°K. UL listed and CSA approved.

Catalog No.	Description	Price Each
43-1916-28	Annular Fiber Optic Illuminator	\$820.00

Accessories

43-1393-01	Spare bulb, 21V/150W (EKE) for 43-191-20 and 43-1916-28	\$40.00
43-1393-02	Fuse 3A, 5 x 20mm, slow blow 115V	\$6.00



43-1916-28

STEREOMICROSCOPE ILLUMINATOR—Ring Fluorescent Illuminator

Provides 360° of cool white shadow-free illumination. Lightweight, compact, rugged. Light Output is 8W/115V. Color temperature 6500°K. Lamp life: 1500 hours.

Catalog No.	Description	Price Each
43-1821-01	Ring Fluorescent Illuminator	\$290.00

Accessory

43-1821-05	Spare bulb, Ring Fluorescent Tube, Daylight/DL.8W, 6500°K	\$80.00
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43-1821-01 shown with 43-1440-12

STEREOMICROSCOPE ILLUMINATOR—LED Illuminators

Choice of free standing LED flood light or variable intensity versatile LED illuminators.

Free standing model has on/off switch, transformer, auto voltage sensing DC 3.3V, 3 1/2" round base with 6 1/2" vertical pole with adjustable height and lockable light angle providing sharply defined spot illumination, 115 V.

Variable intensity versatile model is 5W/115V model with transformer on detachable articulating arm, with swivel joint with prefocused three lens collecting system which creates sharply defined spot. CE approved.

Catalog No.	Description	Price Each
43-1621-11	Free Standing LED Flood Light Illuminator	\$370.00
43-1615-11	Variable Intensity Versatile LED Illuminator	\$440.00



43-1615-11

MICROSCOPE—Zoom Stereomicroscopes



Feature high resolution three dimensional images with high clarity, accurate color rendition and detail. Ideal for general use in environmental, water testing, industrial, electronics, and educational laboratories. Incorporates advanced ergonomic optical and mechanical design. Available with either rotatable binocular or trinocular body, each with 45° inclined eyetubes, and interpupillary diopter adjustments. Trinocular models allow for quick and easy connection to HD video, DSLR cameras for training or documentary purposes. A variety of C-mount and phototube adapters extend usefulness. Available with 10X, 15X or 20X eyepieces, each with diopter adjustment and with eyeguards, all with a new eyepiece design which lends comfort to user during extended viewing periods. Zoom magnification range is 6.7X to 45X with a 10X/22mm Eyepiece. Use of supplementary eyepieces and auxiliary objectives extend magnification range from 3.3X to 180X. Working distances ranges from 150mm to 25mm. Large side mounted dual focusing knob with adjustable tension control permits rapid easy focusing. Both coarse and coarse/fine focusing mounts are available.

Large variety of dovetail focusing stands with coarse focusing mount and integrated LED transmitted/reflected stands or Plain stands, Pole stands or Boom stands all equipped with focusing mounts and which require external illuminators for use. Pole stands feature a height adjustable focusing mount. Adjustable height focusing mounts on pole stands and boom stands are used for viewing semi-large and large items that cannot be placed on a dovetail table stand. LED Stands have variable intensity light illumination and can be independently or simultaneously used. Table stands are supplied complete with black/white stage plates and cover while the LED illuminated stand are further supplied with a frosted glass plate.

Catalog No.	Body	Eyepieces	Illumination	Stand / Mount	Price Each
44-0651-21	Bionocular	10X	LED Transmitted / Reflected Light	Dovetail Table Stand / Coarse Focus Mount	\$971.06
44-0652-21	Trinocular	10X	LED Transmitted / Reflected Light	Dovetail Table Stand / Coarse Focus Mount	\$1,176.59
44-0653-21	Bionocular	10X	LED Transmitted / Reflected Light	Dovetail Table Stand / Coarse/Fine Focus Mount	\$1,210.39
44-0654-21	Bionocular	10X	None	Pole Stand / Coarse Focus Mount	\$922.64
44-0655-21	Trinocular	10X	None	Pole Stand / Coarse Focus Mount	\$1,128.18
44-0656-21	Bionocular	10X	None	Standard Boom Stand	\$1,200.34



44-0651-21



44-0652-21 w/optional camera and phototube adapter



44-0654-21



44-0656-21

See www.preiser.com for a complete listing of optical and mechanical accessories, illuminators, camera and CCTV systems.

MICROSCOPE—Stereomicroscopes

Widely used in industry, education and research for all purposes requiring stereoscopic examinations. Modular design provides high resolution power. All Stereomicroscopes are supplied with Binocular Heads having 45° inclined eye tubes with dioptic compensation and interpupillary adjustment. For Models K400 and K500, simply “dial-in” the Discrete Magnification desired by rotating the magnification changer selector to the desired magnification factor as is indicated on its calibrated dial control. Model K-700 has a Zoom Magnification Range. When 10X Wide Field Eyepieces are used, Model K400, incorporating a Four-Step Magnification Changer, provides step magnifications of 6X, 12X, 25X, and 50X; Model 500 has a Five-Step Magnification Changer and provides magnifications of 6.4X, 10X, 16X, 25X and 40X; and Model K700 has a Zoom Magnification Range of 6X to 31X, selectable by rotating a Zoom Control positioned on its body. Overall magnifications can be modified through use of alternate 15X and 20X Eyepieces and/or with 0.3X, 0.5X, 0.625X, 1X, 1.5X, and 2X Auxiliary Lenses.

A wide selection of stands compliments the stereomicroscope body models to permit their use in reflected light, transmitted light, or combination reflected/transmitted light. Universal Stands and Articulating Arm Boom Stands provide additional versatility in applications. Tungsten and Halogen illumination systems along with fiber optic systems provide oblique and vertical sample illumination. Additional accessories include Drawing Attachments, and Double Iris Diaphragms with Camera or Video Adapters. For training or teaching purposes, a Dual Discussion System is available in which two of any of the Model 500 or 700 stereomicroscope bodies can be mounted on an Optical Bridge so that two observers can simultaneously see the same image.

Motic®


42-1001-11



42-1012-11

Catalog No.	Description	Price Each
42-1001-11	K-400P Stereomicroscope, complete with 10X Wide Field Eyepieces and Reflected Light Stand providing 6X, 12X, 25X & 50X Step Magnifications	\$1,043.10
42-1003-11	K-400L Stereomicroscope, equipped same as 42-1001-11 but with Transmitted/Reflected Light Stand with built-in Incident and Transmitted 12V/10W Halogen Lamps, Intensity Control, and 3-Way Illumination Selector	\$1,164.60
42-1005-11	K-500P Stereomicroscope, complete with 10X Wide Field Eyepieces and Reflected Light Stand providing 6.4, 10, 16, 25, & 40X Step Magnifications	\$906.30
42-1009-11	K-500L Stereomicroscope, equipped same as 42-1005-11 but with Transmitted/Reflected Light Stand with built-in Incident and Transmitted 12V/10W Halogen Lamps, Intensity Control, and 3-Way Illumination Selector	\$1,014.30
42-1011-11	K-700P Zoom Stereomicroscope, complete with 10X Wide Field Eyepieces and Reflected Light Stand providing Magnifications of 10X to 31X	\$1,210.50
42-1012-11	K-700L Zoom Stereomicroscope, equipped same as 42-1011-11 but with Transmitted/Reflected Light Stand with built-in Incident and Transmitted 12V/10W Halogen Lamps, Intensity Control, and 3-Way Illumination Selector	\$1,317.60

See www.preiser.com for a complete list of accessories.

Sales Inquiries: sales@preiser.com

OVEN—Heratherm™ General Protocol Ovens

- Operating temperatures from 50° to 250°C
- Automatic over-temperature alarm system to protect samples
- Low overall energy consumption
- Built-in timer
- Corrosion-resistant galvanized steel chambers with rounded corners for easy cleaning
- Large, easy-to-read vacuum fluorescent display
- Easy-to-use, microprocessor-controlled touch button operation
- Easy access with doors that can be opened to over 180°
- **2-year warranty on parts and labor**

Perfect to meet the day-to-day heating and drying needs for research, clinical, industrial, or environmental sampling with sample safety in mind. Choose gravity convection for gentle drying and heating for delicate samples or mechanical convection for faster drying and heating and superior temperature uniformity and stability. Each oven is equipped with a standard RS-232 interface to allow data logging and is supplied with two shelves. Additional shelves and other accessories are available separately to customize your unit.

Thermo
SCIENTIFIC



Catalog No.	Convection Type	Chamber Volume	Interior D x W x H cm	Temperature Uniformity / Stability @ 150°C	Rated Voltage/ Frequency/ Power/Max. Amp.	Price Each
91-2348-30	Gravity	65 L	41.5 x 32.8 x 48.0	±4.0°C / ±0.4°C	120V/60Hz/ 1730w/14.4A	By Quote
91-2340-40	Mechanical	66 L	36.8 x 35.4 x 50.8	±3.3°C / ±0.3°C	120V/60Hz/ 1440w/12A	By Quote
91-2340-41	Mechanical	104 L	36.8 x 46.4 x 60.8	±2.5°C / ±0.3°C	208-240V/ 60Hz/ 3360w/14A	By Quote
91-2340-42	Mechanical	179 L	54.3 x 46.4 x 70.8	±3.0°C / ±0.3°C	208-240V/ 60Hz/ 3360w/14A	By Quote
91-2340-44	Mechanical	104 L	36.8 x 46.4 x 60.8	±3.5°C / ±0.4°C	120V/60Hz/ 1660w/13.8A	By Quote
91-2340-43	Mechanical	179 L	54.3 x 46.4 x 70.8	±3.5°C / ±0.3°C	120V/60Hz/ 1660w/13.8A	By Quote

Accessories

Catalog No.	Description	Price Each
91-2348-33	Extra Shelf for Gravity Convection Oven 91-2348-30	\$100.00
PSC-50127764	Extra Shelf for Mechanical Convection Oven 91-2340-40	\$99.50
91-2340-45	Extra Shelf for Mechanical Convection Oven 91-2340-41 & 91-2340-44	\$111.00
91-2340-63	Extra Shelf for Mechanical Convection Oven 91-2340-42 & 91-2340-43	\$125.00



PREISER SCIENTIFIC

All The Right Stuff For Your Laboratory
An ISO 9001:2008 Certified Company

Preiser Scientific offers a wide range of products to fit the needs of your laboratory. Our line listing is located on pages 92-93. Visit www.preiser.com for other items that we can supply.

OVENS—General Purpose Laboratory Ovens

- Gravity Convection (GC) and Forced Air Circulation (AF) models available
- Exteriors have hard, scratch-resistant, gray, painted surface
- Temperature range to 450°F/232°C
- Interiors are corrosion-resistant aluminized steel
- Heavy steel double-wall construction
- High-density mineral wool insulation
- UL and CSA Listed
- **18-month Warranty**

Designed to meet laboratory needs of industry, research organizations and schools for drying, baking, evaporating, and more, these ovens are equipped with energy-efficient, low-watt density Incoloy® sheathed elements engineered for quick run-up and recovery times. Temperature uniformity is greatly improved by a perforated heat shield which absorbs radiant heat and distributes it evenly. Control panel is equipped with illuminated rocker switch and heat-cycle pilot light. Temperature is controlled by automatic hydraulic or bimetal thermostat (models 20-6680-01 and 20-6685-01). Supplied with a 5-15P style power plug.



20-6685-04

Catalog No.	Oven Type	Capacity, Cu. Ft.	Interior Dimensions, W x H x D, in.	Power, Volts/Amps/Watts	Price Each
20-6680-01	GC	0.7	12 x 10 x 10	115/5.2/600	\$432.00
20-6680-02	GC	1.27	13 x 13 x 13	120/6.3/700	\$517.50
20-6680-03	GC	2	18 x 15.6 x 12	115/10.5/1200	\$625.50
20-6680-04	GC	3	18 x 21.8 x 14	120/12.5/1500	\$742.50
20-6685-01	AF	0.6	12 x 8.25 x 10	120/6.6/800	\$639.00
20-6685-02	AF	1.14	13 x 11 x 13	120/8.8/1050	\$760.50
20-6685-03	AF	1.83	18 x 14.2 x 12	120/12.5/1500	\$859.50
20-6685-04	AF	2.86	18 x 19.8 x 14	120/12.5/1500	\$945.00

Accessories

Catalog No.	Description	Price
91-2339-05	Shelf f/20-6680-01 & 20-6685-01	\$22.45
20-6685-21	Shelf f/20-6680-02 & 20-6685-02	\$25.65
91-2339-07	Shelf f/20-6680-03 & 20-6685-03	\$29.95
20-6685-41	Shelf f/20-6680-04 & 20-6685-04	\$33.95
91-2339-09	Shelf Supports (2) f/20-6680-01 & 20-6685-01	\$6.80
20-6685-42	Shelf Supports (2) f/20-6680-02, -03, & -04 & 20-6685-02, -03, & -04	\$6.80



Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker® (Avantor)
CHEMetrics®
Columbus Chemical
Difco®

Edge Biologicals
G. Frederick Smith (GFS)
LabChem®
LaMotte®

Lovibond®
Macron® (Avantor)
Ricca®
Taylor Technologies

See www.preiser.com for details or telephone customer service at 800.624.8285.

pH—Orion™ Star A221 pH Portable Meter

- Easy-to-use with on-screen prompts and soft keys that update on each screen for easy selection
- AUTO-READ™ locks in the stable reading
- Up to 5 point pH with auto-buffer recognition for USA/NIST and DIN buffers
- Memory holds up to 1000 data points with time and date stamp
- Easily transfer data and keep meter software up-to-date with the USB and RS232 ports and complimentary data analysis software
- **3-year meter warranty**

Dependability combined with accuracy makes this meter an ideal field unit. Large backlit LCD displays pH, mV, or ORP readings along with temperature and icons for battery life, electrode status, time, date, and calibration information. Perfectly portable, waterproof housing has an IP67 rating. Powered by 4-AA batteries for up to 800 hours of use. An optional 100/240VAC universal power adapter is available.

Thermo
SCIENTIFIC



Specifications		
Parameter	Range	Resolution
pH	-2.000 to 20.000 pH	0.1; 0.01; 0.001 pH
mV/Rel mV/ORP	mV—+2000.0 mV	0.1 mV
Temperature	-5.0 to 105.0°C (23.0 to 221.0°F)	0.1°C (0.1°F)

Catalog No.	Model No.	Package Contents	Price Each
91-2639-20	StarA2210	Meter, 4-AA batteries	\$502.20
91-2639-21	StarA2215	Meter, Triode 3-in-1 pH/ATC probe (3 m cable), 10 pouches each of pH 4, 7, and 10 buffers and rinse solution, storage solution, protective armor w/electrode holder, 4-AA batteries, and hard carrying case	\$981.00

Accessories and Solutions

Catalog No.	Description	Price Each
91-2662-27	pH/ATC Triode, Gel-filled, Epoxy w/W.P.BNC & MiniDIN Connectors & 3 m Cable	\$246.60
91-2661-34	Ultra pH/ATC Triode, Refillable, Epoxy w/W.P. BNC & MiniDIN Connectors & 3 m Cable	\$498.60
91-2661-41	pH/ATC Triode, Refillable, Epoxy w/W.P. BNC & MiniDIN Connectors & 3 m Cable	\$325.80
91-2661-53	Ross™ pH/ATC Triode, Ext. Life, Gel-filled, Epoxy w/W.P.BNC & MiniDIN Connectors & 3 m Cable	\$438.30
91-2668-06	Ross™ pH Electrode Storage Solution, 475 mL	\$74.00
91-2704-04	pH 4 Buffer Solution, 25 x 20 mL Sachets	\$25.00
91-2704-07	pH 7 Buffer Solution, 25 x 20 mL Sachets	\$25.00
91-2704-10	pH 10 Buffer Solution, 25 x 20 mL Sachets	\$25.00
91-2704-11	Electrode Rinse Solution, General Purpose, 25 x 20 mL Sachets	\$24.00
91-2639-63	Protective Rubber Armor w/Electrode Holders, Stand & Strap	\$99.00

Preiser Scientific can supply test kits and calibration standards from the following suppliers:

CHEMetrics®
Continental Hydrodyne
GFS
HACH®
Hanna®

HF Scientific
Lovibond® (Orbeco)
LaMotte®
Micro Essential

Oakton™
Thermo Scientific
Taylor Technologies
YSI®

**MULTIPARAMETER—HI 9829 Multiparameter Meter—
pH/ORP/ISE/ EC/TDS/Resistivity/Salinity/Seawater/Specific
Gravity/Turbidity/DO/Temperature/Atmospheric Pressure**



- Field replaceable ISO 7027 compliant turbidity sensor
- Ammonium, chloride and nitrate ISE's
- Logging from probe or meter
- Fully customizable instrument, probe, sensors and measurement specifications
- Field replaceable sensors
- pH/ORP or pH, four electrode EC (electrical conductivity) and galvanic DO sensors
- Auto-recognition of all sensors
- Rugged probe with stainless steel tip has a diameter under 2" for wells and pipes
- Fast Tracker™—Tag I.D. System simplifies periodic monitoring with the i-Button® tags
- Features a built-in barometer for DO compensation
- Quick or independent sensor calibration feature
- Measurement check eliminates erroneous readings
- Logged data can be displayed as graphs
- Graphic LCD with backlight
- USB for PC connectivity
- Good Laboratory Practice feature with last five calibrations recorded
- Meter accepts both alkaline and rechargeable batteries
- Waterproof protection for meter (IP67) and probes (IP 68)
- Choose from GPS models for repeat sampling in an exact location, such as for stream sampling or non-GPS models
- Choose from many probe styles and configurations
- **2 year warranty on meter**



With the ability to display 1-12 parameters simultaneously of the up to 15 user selectable parameters, these are perfect meters for field measurements in most water and environmental applications. Combined with one of available probes, these meters can measure: pH, mV of pH input, ORP, conductivity, turbidity, temperature, ammonium ion, nitrate ion, chloride ion, dissolved oxygen concentration or % saturation, resistivity, TDS, salinity, seawater specific gravity, and atmospheric pressure. Sensor replacement is quick and easy and meter recognizes sensor presence automatically making switching sensors in the field for multiple parameters a cinch.

By selecting logging style probe, user has the ability to set up measuring parameters and intervals and continue monitoring a location without having the probe connected to meter after set-up for up to 60 days at intervals as often as 10 minutes. Having multiple probes in the field can be a big plus when doing extensive studies without having to be on hand to monitor them. Then use meter to retrieve data from probes to do either on-screen graphing of results or to download results to a PC with included USB cable and Windows® compatible software for data management.

Meters can be purchased in many different kits with a specific type of probe with 4, 10 or 20 m cable lengths (custom lengths are available). Sensors for the probes are replaceable and can be purchased separately while some basic sensors are included in the kits. Some basic models are listed. Check our website to view the extensive specifications for these meters and call customer service for assistance in selecting the probe style and sensor configurations that will best meet your need. Meters and probes come packaged as a kit with meter, probe, various sensors, probe maintenance kit, charging 115V power adaptor, cigarette lighter adapter, iButton® tags with holder, quick calibration solution, calibration beaker, PC application software, USB cable, and instruction manual. Turbidity calibration solutions are included, if applicable.

HI 9829 Multiparameter Meter—cont.

Catalog No.	Sensors Included	GPS	Logging	Cable Length, m	Price Each
92-1624-44	pH/ORP, DO, EC	No	No	4	\$2,250.00
92-1624-51	pH/ORP, DO, EC/ Turbidity	No	Yes	4	\$3,150.00
92-1624-52	pH/ORP, DO, EC/ Turbidity	Yes	Yes	4	\$3,510.00

Accessories

Catalog No.	Description	Price Each
92-1624-53	Multiparameter Probe Body w/4m Cable & Short Shield f/pH, ORP, ISE, DO, EC, & Temperature Sensors	\$1,125.00
92-1624-67	Multiparameter Probe Body w/4m Cable & Long Shield f/pH, ORP, ISE, DO, EC/Turbidity, & Temperature Sensors	\$1,440.00
92-1624-63	Multiparameter Logging Probe Body w/4m Cable & Short Shield f/pH, ORP, ISE, DO, EC, & Temperature Sensors	\$1,575.00
92-1624-64	Multiparameter Logging Probe Body w/4m Cable & Long Shield f/pH, ORP, ISE, DO, EC/Turbidity, & Temperature Sensors	\$2,025.00
92-1624-54	pH Sensor	\$182.70
92-1624-55	pH/ORP Sensor	\$261.00
92-1624-56	Ammonia ISE Sensor	\$319.50
92-1624-57	Chloride ISE Sensor	\$319.50
92-1624-58	Nitrate ISE Sensor	\$319.50
92-1624-59	Dissolved Oxygen Sensor	\$280.80
92-1624-65	Conductivity Sensor	\$261.00
92-1624-66	Conductivity/Turbidity Sensor	\$540.90
92-1624-34	DO Probe Maintenance Kit w/5 Membrane Caps & Electrolyte	\$137.70

pH/TEMPERATURE—pH/Temperature Tester

- Waterproof and designed to float
- Automatic Temperature Compensation
- Automatic calibration
- Tactile grip casings
- HOLD function
- Automatic shut-off
- Efficient two button operation
- Temperature in °C or °F
- BEPS (Battery Error Prevention System)
- Battery % displayed at startup
- **1 year warranty**



pHep® Series tester is the answer if you are looking for both accuracy and economy. Additional features include user selectable automatic shut-off (after 8 minutes of non-use), stability indicator, and 2-point automatic calibration. Powered by 4 x 1.5V batteries (included) which provide approximately 300 hours of continuous use. Supplied with replaceable pH electrode and an electrode removal tool.

Catalog No.	Range	Resolution	Price Each
21-2668-01	pH— -2.0 to 16.0 pH Temperature— -5.0 to 60.0°C /23.0 to 140°F	0.1 pH Temperature—0.1°C/0.1°F	\$76.50
21-2668-05	pH— -2.00 to 16.00 pH Temperature— -5.0 to 60.0°C /23.0 to 140°F	0.1 pH Temperature—0.1°C/0.1°F	\$87.30

Accessory		
Catalog No.	Description	Price
91-2698-25	Replacement Electrode for 21-2668-01, 21-2668-02	\$53.00

MULTIPARAMETER—edge® Multiparameter Meter

- Thin, Lightweight Design
- Multiparameter (ability to measure pH, EC or DO)
- Multiple Calibration Points (3 or 5 for pH, 1 for EC or DO)
- Built-in Temperature Sensor on all Electrodes
- Log on Demand
- Large, easy to read LCD
- Capacitive Touch
- Dual USB ports
- GLP feature
- Rechargeable Battery



edge® multiparameter meter is Hanna's most innovative new instrument. Only ½" thick and weighing only 9 ounces, the instrument offers an easy-to-read 5.5" LCD. Thanks to its docking station or wall-mounting cradle, it takes up very little space in a busy lab environment, yet is portable enough to move in hand to another area for quick and convenient readings. Meter uses uniquely designed, auto-recognized digital electrodes equipped with an easy to plug-in 3.5 mm connector, which simplifies switching between probes. Sensor type, calibration data and serial number of electrode along with logged data can be transferred to a computer or a USB drive. Meter has CAL-Check® to warn when a pH electrode needs cleaned or buffers are contaminated and Sensor-Check® for optional sensors with matching pins that warns of a cracked pH bulb or clogged junction.

Meter is available in three different kits and additional probes can be added as needed to increase this meter's usefulness. All kits include: meter, docking station with electrode holder, wall mount cradle, USB cable, 5VDC power adapter, and instruction manual.

91-2599-56 is the pH kit and also includes a glass body-refillable pH electrode with temperature sensor, 2 each of pH 4, 7 and 10 buffers, and cleaning solution sachets.

91-2599-57 is the conductivity kit and also includes a conductivity probe, and 2 each of 1413 µS/cm and 12880 µS/cm conductivity standard sachets.

91-2599-58 is the dissolved oxygen kit and also includes a dissolved oxygen electrode, electrolyte solution, 2 DO membrane caps with 2 O-rings.

Parameter	Specifications		
	Range	Resolution	Accuracy@ 25oC
pH	-2.00 to 16.00; -2.000 to 16.000; ±1000.0 mV	0.01 pH; 0.001 pH; 0.1mV	±0.01 pH; ±0.002 pH; ±0.2mV
Conductivity	0.00 to 29.99µS/cm; 30.0 to 299.9µS/cm; 300 to 2999µS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm (absolute EC)	0.01µS/cm; 0.1µS/cm; 1µS/cm; 0.01mS/cm; 0.1mS/cm	±1% of reading, ±(0.5µS or 1 digit, whichever is greater)
TDS	0.00 to 14.99ppm; 15.0 to 149.9ppm; 150 to 1499 ppm; 1.50 to 14.99g/L; 15.0 to 100.0g/L; up to 400.0g/L (absolute TDS) with 0.80 conversion factor	0.01ppm; 0.1ppm; 1ppm; 0.01g/L; 0.1g/L (0.8 TDS factor)	±1% of reading, ±(0.03ppm or 1 digit, whichever is greater)
Salinity	0.0 to 400.0% NaCl; 0.01 to 42.00 PSU; 0.0 to 80.0 g/L	0.1% NaCl; 0.01 PSU; 0.1g/L	±1% of reading
DO	0.00 to 45.00ppm; 0.0 to 300.0% saturation	0.01ppm; 0.1% saturation	±1.5% of reading; ±1 digit

edge® Multiparameter Meter cont.

Catalog No.	Model No./Description	Price Each
91-2599-56	HI 2020 edge® pH kit w/electrode	\$399.00
91-2599-57	HI 2030 edge® Conductivity kit w/probe	\$599.00
91-2599-58	HI 2040 edge® Dissolved Oxygen w/probe	\$599.00
Accessories and Solutions		
91-2599-78	edge® Digital pH Electrode, Glass, Refillable, DJ	\$135.00
91-2599-76	edge® Digital Conductivity Electrode w/Temperature	\$335.00
91-2599-77	edge® Digital DO Probe w/Temperature, Polarographic	\$335.00
91-2704-04	pH 4 Buffer, 25 x 20 mL Sachets	\$25.00
91-2704-07	pH 7 Buffer, 25 x 20 mL Sachets	\$25.00
91-2704-10	pH 10 Buffer, 25 x 20 mL Sachets	\$25.00
92-1624-25	General Purpose Electrode Cleaning Solution, 500 mL	\$14.00
92-2651-56	1413 μ S/cm Conductivity Solution, 25 x 20 mL Sachets	\$25.00
92-2651-59	12880 μ S/cm Conductivity Solution, 25 x 20 mL Sachets	\$25.00
90-6400-81	Electrolyte Solution f/Polarographic DO Probes, 30 mL	\$15.00
91-2599-80	Membrane Cap Kit for edge® Digital DO Probe, 5/pk	\$62.00

pH—Portable pH 450 Meter

- Intuitive, user-friendly icons—electrode status displays pH slope
- Grip-clip electrode holder secures electrode to side of beaker or container
- USB or RS-232 output for up to 500 data sets with date/time stamp
- Extended battery life or optional universal power adapter
- Built-in stand with wall mount option for easy benchtop measurement or storage
- Up to 6 point calibration for pH and ISE with USA, NIST, DIN or custom buffers
- Automatic temperature compensation (ATC)
- **3-year meter warranty**

Meter offers pH, ISE, and temperature in an IP67-rated waterproof housing, making it ideal for the manufacturing floor, field testing, and laboratory. Large, backlit LCD display main measurement and temperature simultaneously. Features ready indicator, smart averaging, hold function, visible calibration alarm, battery-life indicator, and electrode status.

91-2603-04 includes meter, Grip-clip electrode holder and 2 AA batteries.

91-2603-05 includes items above plus gel-filled epoxy all-in-one electrode.

91-2603-06 kit includes items above plus buffer solutions, electrode storage solution, and carrying case.

OAKTON®

Catalog No.	Package Contents	Range	Resolution	Price Each
91-2603-04	Meter	pH— -2.00 to 16.00	pH—0.01	\$472.50
91-2603-05	Meter/Probe	mV— $\pm$ 2000	mV— 0.1 to 1 mV	\$544.50
91-2603-06	Meter/Probe Kit	Ion— 0.0 to 19999	Ion— 0.01	\$598.50
		Temperature— -10.0 to 100.0°C	Temperature—0.1°C	

Accessories

Catalog No.	Description	Price Each
91-2611-31	Single Junction Gel-Filled Epoxy All-in-One pH/Temperature Probe w/ BNC & 8-pin ATC Connector, 3 m cable	\$103.00
91-2611-30	Double Junction Gel-Filled Epoxy All-in-One pH/Temperature Probe w/ BNC & 8-pin ATC Connector, 3 m cable	\$131.00
90-6399-35	USB Data Cable for 450-series meters	\$34.00
90-6399-36	Universal Power Adapter	\$54.75

MULTIPARAMETER—Orion™ Versa Star Benchtop Multi-channel Meters

- Advanced multi-channel, multiparameter meters
- Display customization to show only the information you need
- User friendly, plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- Non-volatile memory holds up to 2000 data points with time and date stamp
- Data transfer and updating meter software is easy with two USB and RS232 ports
- Includes data analysis software for transferring stored results or displaying readings in real-time; calculates BOD, DOUR, and SOUR results
- Mix samples without a stir plate with direct control for up to two Orion Star stirrer probes (sold separately)
- Included electrode arm and newly-designed probe holder make it easier to maintain and place probes into samples
- Works with almost every AC power source with included universal power adapter
- IP54-rated housing handles splashes
- **Three year meter replacement warranty**

Thermo
SCIENTIFIC



91-2639-98

Versa Star meters provide high quality results for samples which require multiple tests or multiple samples which require single tests. Four channels are available which can store up to 10 methods per channel for easy differentiation between tests or users. Select from 5 modules to customize channels as needed. Modules can be changed quickly without turning off meter. These meters are available in packages with modules included or in kits with modules and probes. Visit our website to view extensive specifications for these meters and many other available packages.

Catalog No.	Model No./Description	Price Each
91-2639-89	VSTAR40B/VSTAR meter, two VSTAR pH/ISE/temperature modules, Electrode arm w/redesigned holder, Universal power adapter, USB Cable	By Quote
91-2639-90	VSTAR40B2/VSTAR meter, two VSTAR pH/ISE/temperature modules, ROSS Glass Ultra Combination pH electrode, STAR Stirrer probe, ATC probe, ROSS solution kit (475 mL each of pH 4, 7, and 10 buffers, storage solution, cleaning solution, and pH electrode storage bottle), electrode arm w/redesigned holder, Universal power adapter, USB Cable	By Quote
91-2639-95	VSTAR90/VSTAR meter, VSTAR pH/ISE/temperature module, VERSA STAR conductivity/temperature module, VSTAR RDO/dissolved oxygen/temperature module, Electrode arm w/redesigned holder, Universal power adapter, USB Cable	By Quote
91-2639-97	VSTAR91/VSTAR meter, two VSTAR pH/ISE/temperature modules, VERSA STAR conductivity/temperature module, VSTAR RDO/dissolved oxygen/temperature module, STAR Stirrer probe, electrode arm w/redesigned holder, Universal power adapter, USB Cable	By Quote
91-2639-96	VSTAR92/VSTAR meter, VSTAR pH/ISE/temperature module, VSTAR conductivity/temperature module, VSTAR RDO/dissolved oxygen/temperature module, ROSS Ultra Triode pH/ATC probe, Orion DuraProbe conductivity cell, K=0.475, Polarographic DO probe, STAR Stirrer probe, calibration sleeve for DO probe, DO probe maintenance kit, BOD funnel/stirrer, BOD adapter, ROSS solution kit (475 mL each of pH 4, 7, and 10 buffers, storage solution, cleaning solution, and pH electrode storage bottle), 5x60mL conductivity standard set, electrode arm w/redesigned holder, Universal power adapter, USB Cable	By Quote
91-2639-98	VSTAR93/VSTAR meter, two VSTAR pH/ISE/temperature modules, VSTAR conductivity/temperature module, VSTAR RDO/dissolved oxygen/temperature module, ROSS Ultra-Triode pH/ATC probe, DuraProbe conductivity cell, K=0.475, Polarographic DO probe, STAR Stirrer probe, calibration sleeve for DO probe, DO probe maintenance kit, BOD funnel/stirrer, BOD adapter, ROSS solution kit (475 mL each of pH 4, 7, and 10 buffers, storage solution, cleaning solution, and pH electrode storage bottle), 5x60mL conductivity standard set, electrode arm with redesigned holder, Universal power adapter, USB Cable	By Quote

Orion Versa Star Benchtop Multi-channel Meters cont.

Accessories and Solutions		
Catalog No.	Description	Price Each
91-2661-42	Ross Ultra Glass Combination Electrode, Refillable, w/BNC and MiniDIN Connector	\$431.10
91-2646-29	Automatic Temperature Compensation (ATC) probe, stainless steel	\$299.70
91-2661-34	Ross Ultra Triode pH/ATC Epoxy Electrode, Refillable, w/BNC and MiniDIN Connector	\$498.60
91-2638-91	DuraProbe™ 4-Electrode Conductivity Cell, w/MiniDIN Connector	\$464.40
91-2661-50	DO Probe, Polarographic, w/MiniDIN Connector	\$682.20
ORN-096019	Automatic Stirrer Probe and Paddle	\$216.00
20-7607-19	DO Probe Maintenance Kit w/2 Membrane Caps, Electrolyte Solution, Polishing Disk	\$161.10
17-7109-02	Conductivity Solution, 1413 $\mu\text{S}/\text{cm}$, 5 x 60 mL	\$98.00
91-2639-61	Electrode Holder Arm and Head	\$158.00
91-2705-22	pH 4 Buffer, Red, 500 mL	\$8.25
91-2705-25	pH 7 Buffer, Yellow, 500 mL	\$8.25
91-2705-28	pH 10 Buffer, Blue, 500 mL	\$8.25
91-2668-05	pH Electrode Filling Solution, 5 x 60 mL	\$94.80


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Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker® (Avantor)
CHEMetrics®
Columbus Chemical
Difco®

Edge Biologicals
G. Frederick Smith (GFS)
LabChem®
LaMotte®

Lovibond®
Macron® (Avantor)
Ricca®
Taylor Technologies

See www.preiser.com for details or telephone customer service 800.624.8285.

pH—Orion™ STAR A211 pH BENCHTOP METERS

- Large, informative, backlit screen clearly shows pH/mV/RmV reading, temperature, electrode status, calibration points, date, time, sample ID, user ID, and power source
- AUTO-READ® locks in the stable reading and ready indicator alert for stable readings
- Up to 5 point pH calibration with automatic recognition of USA/NIST and DIN buffers
- Fix calibration errors without complete recalibration with calibration editing
- Non-volatile memory holds up to 2000 data points with date and time stamp
- Stores up to 10 methods for customized procedures to differentiate test and/or users
- Transfer data or update software with USB and RS232 ports and included software
- Mix samples without a stir plate with direct control of Star Stirrer Probe (optional)
- Electrode arm and newly-designed probe holder for ease of placement of probes
- Plug meter into almost any power outlet with included universal power adapter, or use four AA batteries (sold separately) to run meter on DC power
- The IP54-rated housing can handle splashes and can be wall-mounted
- **Three-year meter replacement warranty**

Thermo
SCIENTIFIC



An ideal choice for dedicated pH testing in water, process, research, and QA/QC samples. Simple button layout and onscreen messages assist with calibration and setup menu choices. Additional features include stability and averaging choices. Meter has BNC and 8-pin mini-DIN probe input.

Meter may be purchased alone (**91-2639-09**) and is furnished with an electrode arm and holder and a universal power adapter. If purchased in a kit (**91-2639-10**), meter is supplied with a Triode 3-in-1 refillable, glass pH/ATC probe, solution kit (475 mL each of pH 4, 7, and 10 buffers; storage solution; cleaning solution), electrode storage bottle, electrode arm and holder, and universal power adapter.

Catalog No.	Model No.	Ranges	Resolution	Price Each
91-2639-09	StarA2110	pH— -2.000 to 20.000 pH mV—+2000.0 mV Temperature— -5.0 to 105.0°C	pH—0.1, 0.01, 0.001 pH mV—0.1 mV Temperature—0.1°C	\$724.50
91-2639-10	StarA2115	pH— -2.000 to 20.000 pH mV—+2000.0 mV Temperature— -5.0 to 105.0°C	pH—0.1, 0.01, 0.001 pH mV—0.1 mV Temperature—0.1°C	\$982.80

Accessories and Solutions

Catalog No.	Description	Price Each
91-2661-40	Ross® pH/ATC Triode, Glass, Refillable, w/BNC and MiniDIN connector	\$502.20
ORN-096019	Orion Stirrer Probe	\$216.00
91-2668-03	Electrode Filling Solution, 5 x 60 mL	\$96.80
91-2668-06	Electrode Storage Solution, 475 mL	\$74.00
91-2705-22	pH 4 Buffer Solution, 500 mL	\$8.25
91-2705-25	pH 7 Buffer Solution, 500 mL	\$8.25
91-2705-28	pH 10 Buffer Solution, 500 mL	\$8.25

Preiser Scientific can supply a full line of meters used in the water and wastewater fields from suppliers such as:

CHEMetrics®
Continental Hydrodyne
Hanna Instruments
HF Scientific

Lovibond® (Orbeco)
Oakton™
Thermo Scientific Orion™

Sper Scientific
WTW
YSI®

PHOTOMETER—Multiparameter Photometer



- Dedicated to environmental testing
- Light blocking cuvette holder
- Backlit LCD
- BEPS (Battery Error Prevention System) Alerts users in the event a low battery could affect readings
- PC compatible via USB
- Powered by rechargeable batteries or 12 VDC
- Save and recall logged data at the touch of a button.
- On-screen tutorial; with the tutorial function enabled, short guides relating to current operation are displayed.
- HELP button; screen specific help can be viewed at the touch of a button.
- Method selection; users can easily select parameters via the Method button.
- Setup button; instrument preferences such as backlight intensity and screen contrast can be changed via the setup button.
- **2 year warranty**

Multiparameter photometer can be used to analyze critical environmental parameters, such as: pH, dissolved oxygen, nitrite, nitrate, ammonia, chlorine, and phosphorus; or pollutants such as: Chromium VI, nickel, silver, zinc. 24 different methods are programmed into this instrument and it has four measuring channels for a wide range of testing. Optics are based on narrow-band interference filters used in conjunction with special subminiature tungsten lamps which guarantee high performance and reliable results. There is an on-board interactive user support system built into this unit which guides the user every step of the way through set-up and analysis. Data can be managed on a PC using a USB cable and the optional Windows® compatible software.

Instrument is supplied with an AC power adapter, 3 cuvettes with caps, a wiping cloth, scissors, a 60 mL glass bottle for dissolved oxygen, and instruction manual. Visit our website to view the extensive specification chart for this instrument.

Catalog No.	Description	Price Each
90-4775-21	Multiparameter Photometer	\$432.90
Accessories		
91-2599-11	Windows® Compatible Software	\$83.00
91-2599-16	USB Cable	\$33.00
90-2619-49	Cap Set f/Glass Cuvettes, 4/pk	\$16.00
90-2619-50	Glass Cuvette Set, 4/pk	\$20.00
90-2619-52	Cuvette Cleaning Cloths, 4/pk	\$13.00
90-2619-53	Cuvette Cleaning Solution, 230 mL	\$23.00



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Preiser Scientific can supply a full line of the Hanna reagents for all of the parameters that can be tested with this instrument. We also carry test kits and calibration standards from the following suppliers:

CHEMetrics®
Continental Hydrodyne
GFS
HACH®

HF Scientific
Lovibond® (Orbeco)
LaMotte®
Micro Essential

Oakton™
ThermoScientific
Taylor Technologies
YSI®

REVERSE OSMOSIS—Barnstead™ LabTower™ RO

- An ultra-modern controller provides easy-to-read system parameters which can be transferred via the RS-232 interface to an optional printer for GLP compliance
- Back-lit control panel clearly displays conductivity/resistivity, operating mode of “production”, “stand-by”, or “cleaning”, and % availability of selected reservoir fill-level
- Precise measurement of conductivity is ensured by cell constant of 0.16 cm⁻¹
- Completely drainable, integrated 100 L reservoir has a low-noise pressure booster as a standard component
- Built-in pretreatment system utilizes a hardness stabilizer cartridge and an activated charcoal /5µm combi-cartridge for protection of RO membranes from hardness formers, free chlorine and particles
- System requires zero bench space and casters allow for easy relocation
- Systems can be upgraded later to accommodate growing water capacity demands
- **1-year warranty**

LabTower™ RO water purification system can supply high-purity water in a fully integrated system of pretreatment, RO water treatment, and storage in a compact, mobile unit. With its adjustable reservoir volume which can be programmed for times of low demand, this system can dispense water from its reservoir to supply autoclaves, dishwashers, ultrapure water systems, etc. System is designed for operation at 90-240V, 50/60 Hz and supply water pressure range is 29-87 psi. System is supplied with RO membranes, 10 in. 5µm combi-cartridge with hardness stabilizer cartridge, 1µm pre-filter, integrated 100L reservoir, and pressure regulator.

Thermo
SCIENTIFIC


Catalog No.	Model No.	Output	Price Each
92-2750-65	LabTower RO 20	20 L/hr	By Quote
92-2750-66	LabTower RO 40	40 L/hr	By Quote
92-2750-67	LabTower RO 60	60 L/hr	By Quote

Accessories

Catalog No.	Description	Price Each
92-2749-57	10" 5µm Prefilter + Activated Carbon Cartridge	\$117.00
92-2749-58	5µm Prefilter w/Hardness Stabilizer Cartridge	\$52.80
92-2749-62	10" Filter Housing + 1µm Prefilter f/Low Quality Feed Water	\$153.90
92-2749-63	Replacement RO Membrane f/20L & 60L RO Systems	\$395.10
92-2749-79	Replacement RO Membrane f/40L & 60L RO Systems	\$395.10
92-2749-80	10" Fine Filter, 1µm	\$56.90


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Preiser Scientific can supply a complete line of water purification products, including stills, reverse osmosis systems, deionizers, cartridges, and other supplies to meet your laboratory grade water requirements. Check www.preiser.com.

SPECTROPHOTOMETER—Genesys™ 20 Visible Spectrophotometer

Thermo
SCIENTIFIC



21-8980-01

- Compact footprint provides a space-saving convenient system
- Direct measurement of routine absorbance or transmittance data
- Concentration mode for single point standard or factor-based quantitative analysis
- Intuitive keyboard with integrated controls and LCD display
- Routine measurements require just a few keystrokes
- Optional holders for test tubes and long path cells up to 50 mm
- Bidirectional RS-232C interface
- Cleanable, chemical-resistant surfaces and rugged design withstands harsh laboratory environments
- Few moving parts mean virtually maintenance free operation
- Choose instrument with or without integral printer
- User-selectable choice of five languages (English, French, German, Spanish, Italian)
- **3-year warranty**

Genesys™ 20 spectrophotometer is a compact, low-cost, easy-to-use visible spectrophotometer intended for use in classrooms and routine laboratories. Designed with a single beam optical system, it has a Tungsten-Halogen light source and utilizes a Silicon photodiode detector. Wavelengths of 325 to 1100 nm allow it to be used for a wide variety of testing parameters. A simple, 4-step measurement process and optional VISIONlite™ software makes it flexible for fast, efficient measurements for common samples. Supplied with 10 mm cell holder, dust cover, and U.S. power cord. For operation at 120V, 50/60 Hz.

Catalog No.	Description	Price Each
21-8980-01	Genesys 20 Spectrophotometer w/Visible Light Range	\$2,150.00
90-4769-44	Genesys 20 Spectrophotometer w/Visible Light Range and Built-in Printer	\$2,550.00
Accessories		
21-8981-13	Tungsten Halogen Replacement Lamp, 2/pk	\$62.50
90-4769-45	VISIONlite™ Software	\$520.00
21-8981-02	Cylindrical Cell Holder (up to 50 mm)	\$125.70
21-8981-03	Rectangular Cell Holder (up to 50 mm)	\$126.80
21-8981-05	1" Test Tube Holder (1" pathlength up to 104 mm tall)	\$130.27
MY-335942-000	Serial RS232C Cable for PC Connectivity	\$52.53
90-4812-02	Test Tube/COD Vial Holder	\$130.27



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We can supply a full line of reagents and supplies for your spectrophotometry needs. Contact our customer service department at 800.624.8285 for assistance.

SPECTROPHOTOMETER—Orion™ AquaMate™ Spectrophotometers

Thermo
SCIENTIFIC

- Vis and UV-Vis models available
- Over 260 pre-programmed methods for fast and convenient measurements using Orion AQUAfast™, Merck™, CHEMetrics™, or HACH™ chemistries
- One point adjustment on any pre-programmed method to correct for variations in batch reagent chemistries
- Allows use of wide variety of vial sizes: 10 mm square, 20 and 50 mm rectangular, and 13, 16, and 24 mm round
- Three USB connections provide the options to store methods and data to a USB memory stick, transfer data to a computer and print hard copy data to an external printer
- Performance verification tests to ensure wavelength accuracy and instrument functionality
- Additional features for the UV-Vis model include: dual beam optics utilizing a Xenon flash lamp for an average of five years of maintenance free performance; 1.8 nm spectral bandwidth for optimal resolution
- **2-year warranty**



90-4769-35

AquaMate™ spectrophotometers offer accuracy, dependability and ease of use for water or wastewater analysis and more. Innovative instruments feature a compact profile and intuitive operation. Vis model provides wavelengths of 325 to 1100 nm allowing it to be used for a wide variety of testing parameters. UV-Vis model provides 190 to 1100 nm wavelengths for the most extensive measurement options.

Spectrophotometers are supplied with a USB memory stick with methods, a 3-position cell holder, user documentation, USB cable, dust cover, and 110 V and 220 V power cables. UV-Vis model is also supplied with a 6-position and a 1-position cell holder.

Catalog No.	Description	Price Each
90-4769-35	AquaMate Spectrophotometer w/Visible Light Range	By Quote
90-4769-36	AquaMate Spectrophotometer w/UV & Visible Light Range	By Quote

Contact our customer service department at 800.624.8285 for assistance with reagents and supplies for your test needs.



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Preiser Scientific can supply test kits and calibration standards from the following suppliers:

CHEMetrics®
Continental Hydrodyne
GFS
HACH®
Hanna®

HF Scientific
Lovibond® (Orbeco)
LaMotte®
Micro Essential

Oakton™
ThermoScientific
Taylor Technologies
YSI®

Sales Inquiries: sales@preiser.com

STILL—Fi-Streem™ Glass Stills

- Patented vapor trap eliminates carry-over of contaminants in the vapor-borne water droplets
- Totally enclosed still assures safety from breakage or hot surfaces
- Feed water pressure: minimum 15 PSI & maximum 80 PSI
- Dual feed water capabilities for tap or pretreated inlet feedwater

Fi-Streem™ II 2S (1.4 & 2 L/hr Systems)

- Easy push-button controls for automatic operations
- Heating elements protected with an over temperature switch
- 24-hour automatic operation when used with the 8 L storage carboy

Fi-Streem™ III (4 & 8 L/hr Systems)

- Fully automatic microprocessor controls simplify operation and cleaning, while assuring high reliability
- Thermistor and heat sensor offer double protection against low water conditions
- Automatic start/stop feature when connected to 40 L storage tank or 50 L storage carboy



92-2690-12

Catalog No.	Model No.	Output, L/hr	Cooling Water Capacity, L/hr	Power, V/Amp	Price Each
92-2690-09	Fi-Streem 2S-1.4	1.4	30	120/15	By Quote
17-8495-12	Fi-Streem 2S-2-120	2	30	120/20	By Quote
17-8495-13	Fi-Streem 2S-2-220	2	30	220/13	By Quote
92-2690-12	Fi-Streem III-4-240	4	60	240/13	By Quote
92-2690-25	Fi-Streem III-8-240	8	120	240/30	By Quote

Accessories

Catalog No.	Description	Price Each
92-2693-05	8L HDPE Storage Carboy w/valve f/2L Stills	\$234.00
92-2690-36	40L Storage Tank w/sight window, valve, & Vent filter f/4L & 8L Stills	\$1,011.00
92-2690-50	50L LDPE Storage Carboy w/valve f/4L & 8L Stills	\$427.00
92-2745-14	Hose Nipple Cartridge Pre-filter w/Resin Color Change View Windows	\$301.00
92-2745-15	Hose Nipple Cartridge Wall Mount Bracket	\$150.00

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Preiser Scientific can supply a complete line of LabStrong™ replacement cartridges for your water purification systems. See www.preiser.com.

MAGNETIC STIRRER—Mini Magnetic Stirrer with Speedsafe™

Magnetic stirrer has a compact size for maximizing bench space and efficiency. The Speedsafe™ feature limits the maximum speed to 1000 rpm even if the load is suddenly removed. Choice of covers—ABS plastic, which is resistant to most chemicals, or stainless steel, besides being chemical resistant, is also ideal for applications with exothermic reactions. Supplied with a mini stir bar. For operation at 110/115V, 50/60Hz. Dimensions: 120 x 120 x 45 mm

Catalog No.	Description	Price Each
92-1395-15	Mini Stirrer w/ABS Plastic Cover	\$90.00
HNA-HI200M-1	Mini Stirrer w/Stainless Steel Cover	\$163.80

Accessories

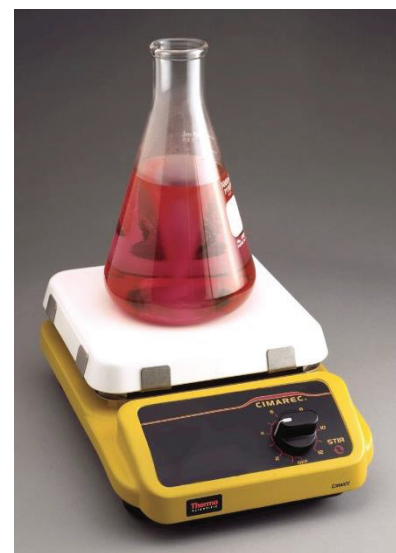
Catalog No.	Description	Price	
		Each	Case
92-1439-27	5/16" x 1/2" Magnetic Stir Bar, PTFE, 12/cs	\$3.60	\$43.20
92-1439-40	5/16" x 1" Magnetic Stir Bar, PTFE, 12/cs	\$3.86	\$46.32


**STIRRER—Cimarec™ Stirrers**

- Stirring speeds of 60 to 1200 rpm
- Low-profile design and stable, rugged base prevent tipping and spillage
- Direct-drive motor and magnet system permits quiet stirring
- Tight seal and safety trough ensure that accidental spills do not penetrate casing
- Ceramic top cleans easily; resists alkalis and acids; reflective white surface aids sample visibility
- Power-on light
- **3-year warranty**

Cimarec™ Stirrers have microprocessor feedback for precise control even with changes in viscosity, delivering precise digital performance at an analog price. Supplied with a detachable line cord, plug and TFE coated stir bar (0.38 Ø x 1 in. w/4 x 4 in. stirrer; 0.38 Ø x 2 in. w/7 x 7 in. and 10 x 10 in. stirrers.).

Catalog No.	Stir Plate Size, in.	Electrical Requirement	Price Each
92-1391-03	4 x 4	120V; 50/60 Hz	\$251.10
92-1391-04	4 x 4	220-240V; 50/60 Hz	\$251.10
92-1392-03	7 x 7	120V; 50/60 Hz	\$265.50
92-1392-04	7 x 7	220-240V; 50/60 Hz	\$261.00
92-1393-03	10 x 10	120V; 50/60 Hz	\$437.40



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Preiser Scientific offers a wide range of products to fit the needs of your laboratory. Our line listing is located on pages 92-93. Visit www.preiser.com for other items that we can supply.

STIRRER—Corning® Magnetic Stirrer

- Pyroceram® top
- Exclusive closed-loop stirring control monitors and regulates stirring speed from 60-1150 rpm
- Use for aqueous, viscous or semi-solid solutions
- Designed to operate on 120V/60Hz with standard US three-prong plug
- **2-year warranty**

CORNING



92-1421-90

PC-series stirrers feature a low-profile spacing-saving design with a digital display (no digital display on **92-1421-90**). Microprocessor control combined with stronger, larger magnet improves stir bar coupling and automatically ramps speed to adjust for any solution or sudden removal of stirring vessel. Two piece casting design deflects spills away from electronics and have a built-in mount for an optional support rod. **92-1421-90** includes a 1" x 3/8" diameter stir bar.

Catalog No.	Model No.	Stirring Plate Size, in.	Price Each
92-1421-90	PC-210	4 x 5	\$283.76
92-1422-11	PC-410D	5 x 7	\$280.49
92-1422-13	PC-610D	10 x 10	\$466.65

Accessories

Catalog No.	Description	Price Each
92-1422-25	5/16" x 12" S/S Support Rod for PC-210	\$35.87
92-1422-27	5/16" x 18" S/S Support Rod for PC-410D/PC-610D	\$46.63
22-2612-41	1" x 3/8" Diameter Stir Bar	\$6.45



Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker® (Avantor)
CHEMetrics®
Columbus Chemical
Difco®

Edge Biologicals
G. Frederick Smith (GFS)
LabChem®
LaMotte®

Lovibond®
Macron® (Avantor)
Ricca®
Taylor Technologies

See www.preiser.com for details or telephone 800.624.8285.

DATA LOGGER—Traceable® Logger-Trac™ Temperature

- Displays cumulative Alarm Duration from user selected Minimum/Maximum values
- Reusable/Re-programmable (Cradle/Cable (USB interface) and MaxiThermal Software required—purchase separately)
- Perfect for monitoring material during transportation
- Integrates with MaxiThermal Software for complete data analysis

Revolutionary, NIST traceable, multi-use, user programmable, waterproof, electronic temperature data recorder is specifically designed for measuring environmental temperatures during transportation of biological material, chemicals, perishable commodities, and other materials with critical temperature requirements. Temperature excursion durations can be viewed on LCD without download. User-defined recording can be set from 4 hrs. to 365 days or at intervals of every 2 secs. to every 24 hrs. with the Logger-Trac™ Cradle/Cable and MaxiThermal Software (purchase separately). Temperature range is -35 to 50°C (-31-122°F) with a 0.1° resolution and an accuracy of ±0.2°C (from 0 to 10°C) or ±1°C (otherwise). LCD displays current, minimum and maximum temperature achieved, and cumulative running time when running plus alarm or quarantine notifications and alarm tally when temperature is outside of the selected range. Powered by a 3V Lithium coin cell battery.



Catalog No.	Description	Price Each
92-1532-30	Traceable® Logger-Trac™	\$68.00
92-1532-31	Logger-Trac™ Cradle/Cable	\$40.00
92-1532-32	MaxiThermal Software	\$155.00

TIMER—NIST Traceable® Timers



92-1757-01

92-1757-01 is a 2-channel timer with a programmable memory, 5/8" high display, and selectable alarm volume for high noise environments, low noise environments or muted plus a flashing LED indicator—green for the last 10 seconds and red when alarm is sounding. Supplied with magnetic back, stand/spring-clip, opening for lanyard, and two AAA batteries. Timing range of 99 hours, 59 minutes, 59 seconds to 1 second.

92-1760-01 is a 3-channel stopwatch/timer/time of day clock with 3 displays, a selectable alarm volume, and memory to return to previous selected time. Countdown range from 99 hours, 59 minutes, 59 seconds to 1 second. Supplied with alkaline battery for 1 year of service and 4 rubber feet to keep the timer off a wet benchtop.



92-1764-01



92-1760-01

92-1764-01 is a timer/stopwatch with numbered keys for easy setting, loud alarm and large 3/8" high display. Supplied with clip, magnet, flip-open stand, opening for lanyard, and silver-oxide battery. Countdown range from 99 minutes, 99 seconds to 1 second and counts up to 59 minutes, 59 seconds and automatically rolls over to zero and continues timing.

Timers cont.

92-1765-01

92-1765-01 is 3-channel timer with a single 1/4" high display and a distinct alarm sound for each channel. Timing range from 9 hours, 59 minutes, 59 seconds to 1 second. Supplied with batteries.



92-1766-01

92-1766-01 is a timer with a forever memory that returns to the previously programmed time at the touch of a key making it ideal for a dedicated timer for repeat tests. 1/3" high LCD digits and loud beeping alarm. Timing range from 24 hours to 1 minute. Supplied with spring-clip, magnet, stand, and silver-oxide battery



CNL-5004

CNL-5004 is a 4-channel alarm timer/stopwatch/time-out/time-of-day clock with 3/4" high display and extra-loud alarm. All channels can be used simultaneously in any combination of count-up or count-down with any countdown from 99 hours, 59 minutes, 59 seconds to 1 second. The memory allow single touch of a key to return to previously programmed count-down time. Equipped with magnet on back, flip-open stand, spring-clip, opening for lanyard, and 2-year silver oxide battery.



CTL-5022

CTL-5022 is a 2-channel timer/stopwatch/clock with 2 displays and 1" high LCD digits that can be seen up to 30 feet. Use flat, in sit up position or wall mount. Timing range 24 hours to 1 second. Supplied with battery.

Catalog No.	Description	Price Each
92-1757-01	2-channel Timer with memory	\$25.10
92-1760-01	3-channel/3-display Stopwatch/Timer/Clock	\$45.34
92-1764-01	Timer/Stopwatch with Easy-set Numbered Keys	\$22.25
92-1765-01	3-channel Timer w/Distinct Alarms	\$44.22
92-1766-01	Timer w/Forever Memory	\$25.75
CNL-5004	4-channel Timer/Stopwatch/Clock w/Memory	\$27.00
CTL-5022	2-channel/2-display Jumbo Timer/Stopwatch/Clock	\$19.75

To assure accuracy, an individually serial-numbered Traceable® Certificate from an ISO 17025 calibration laboratory accredited by A2LA is provided with each timer. It indicates traceability to standards provided by the National Institute of Standards and Technology (NIST).

TURBIDITY —Portable Turbidity Meter

- US EPA compliant with “White” light source and 90° detection
- Easy calibration and operation
- Long battery and bulb life
- Auto Ranging from 0-1100 NTU
- Signal Averaging of several reading during measuring cycle
- **2-year warranty**

Easy-to-use turbidity meter meets demand in both field and laboratory. Offers integrated diagnostics to confirm proper operation and accuracy. Powered by 4-AA batteries. Efficient microcircuit design allows up to 5000 tests per set of batteries and estimated bulb life of 7-10 years.

Supplied with 2 sample cells, calibration standards set, batteries, and carrying case.



Catalog No.	Range	Resolution	Price Each
92-2455-01	0.01 to 1100 NTU	0.01 to 99.9 NTU=0.01NTU; 100 to 999.9 NTU=0.1 NTU; 1000 to 1100 NTU=1 NTU	\$850.41
Accessories			
Catalog No.	Description	Price	
92-2455-02	Calibration Set, 0.02, 10 and 1000 NTU, ea	\$234.80	
92-2455-03	Samples Cells for TB 250 WL, 3/pk	\$46.30	

TURBIDITY—Turbidity Meter Kit

- Waterproof, floating, and dustproof IP67-rated housing
- Meets performance criteria as specified by ISO 7027 (DIN EN 27027) method
- Compliant with ASTM D6855-03 (EPA recognized)
- Four point push-button calibration for full-range accuracy
- Auto-ranging from 0 to 1000 NTU
- **3 year warranty**

User-friendly turbidity meter is easy to calibrate—it automatically prompts you to next calibration standard. Large LCD displays reading and unit of measure. Other features include unprecedented repeatability and accuracy, auto-off, and diagnostic error messages. Sealed infrared light source-based optical system delivers accuracy across entire range. Meter is powered by 4 AAA batteries for over 1000 readings on single set.

Furnished with three sample cuvettes, set of four calibration standards in labeled cuvettes (0.02, 20.0, 100, and 800 NTU), light shield cap, 10-ml silicone oil, lint-free cloth, 4 AAA batteries, and hard carrying case.



Catalog No.	Range	Resolution	Price Each
92-2454-01	0.1 to 19.99 NTU, 20.0 to 99.9 NTU, 100 to 1000 NTU	0.01 NTU, 0.1 NTU, 1 NTU	\$899.10
Accessories			
Catalog No.	Description	Price	
92-2452-03	Calibration Set, 0.02, 20.0, 100, & 800 NTU, 60mL ea/pk	\$308.00	
92-2454-02	Cuvette Set for T-100, 3/pk	\$45.00	

VACUUM PUMP—Vacuum Pressure Pump

Designed for general laboratory use, this oil-less diaphragm pump has a single phase 1/8hp shaded pole, ball bearing type motor with an internal thermal protector. Supplied complete with internal filter and muffler, pressure and vacuum gauges, pressure and vacuum regulators, rubber feet, carrying handle and hose nipples. A three-wire cord, switch and three-prong plug are included. For operation at 115V 60Hz and provides 1.1 cfm free air displacement, up to 29" Hg vacuum and up to 60 psig pressure.

Catalog No.	Price Each
21-4475-01	\$800.34

VACUUM PUMP—Rocker Laboratory Pump

Precise construction, quality moving parts and oil-free design make Rocker-series almost maintenance-free as well as quiet—noise level is ~ 50 dB which is lowest among equivalent products. Excellent for vacuum filtrations, air sampling, fume suction, and vacuum ovens. Designed to provide 650 mm Hg maximum vacuum and for operation at 110V, 60Hz. Conversion kits are available to enable pressure function to convert vacuum pumps to compressors.

Catalog No.	Motor Size, HP	Free Air Displacement, LPM	Price Each
91-3970-06	1/8	20	\$359.00
91-3970-07	1/6	37	\$515.00
91-3970-08	1/4	60	\$723.00

Accessories

Catalog No.	Description	Price Each
91-3970-09	Pressure Conversion Kit f/91-3970-06	\$115.00
91-3970-11	Pressure Conversion Kit f/91-3970-07	\$129.00
91-3970-12	Pressure Conversion Kit f/91-3970-08	\$115.00
91-3970-10	Plastic Vacuum Trap w/Regulator	\$44.00

VACUUM PUMP—Vacuum/Pressure Pump

Oil-less piston pumps are perfect for many common lab applications such as filtration, desiccation, replace water aspirator and vacuum drying. Equipped with a 1/8 hp motor which provides 1.2 cfm of free air displacement, up to 27.2 in. Hg vacuum and up to 50 psig pressure. With adjustable vacuum and pressure, vacuum and pressure gauges, intake and exhaust catch jars. For operation on 115V, 60Hz.

Catalog No.	Price Each
21-4534-04	\$645.00



NEW STAR
ENVIRONMENTAL



Welch



Preiser Scientific offers a complete line of supplies for your vacuum needs, including: vacuum tubing, filter flasks, filter manifolds and vacuum traps. See our listings on pages 78, 87, and 88 or www.preiser.com.

WELL LEVEL SOUNDER—WL500 Water Well Level Sounder

- Polycarbonate sturdy reels (aluminum reels for units with over 400 ft. cables)
- Durable polyester powder coated steel frame
- Corrosion resistant stainless steel fittings
- Soft grip vinyl frame handle
- Large, ergonomic brake and winding handles
- Water and dust proof encapsulated electronics
- Strong and accurate NTS certified tape with stainless conductors
- Full depth 5/8" diameter stainless steel and Teflon probe
- Long lasting flexible link between the tape and probe
- Polyethylene tape marked in feet and 1/100 ft.
- Self-contained power supply using a standard, small 9V battery
- Audio alert beeper and LED indicate contact with water

Precise, easy-to-use water well level sounder that has a bright glowing LED and beeper when the electrode assembly makes contact with the water surface. Battery operated unit means no danger of shock from outside power source. Two conductors make a separate ground connection unnecessary and allows instrument to function equally well in uncased test holes or uncased wells in rock.



Catalog No.	Description	Price Each
92-1621-05	Well Level Sounder, 200 ft.	\$757.00
92-1621-26	Well Level Sounder, 300 ft.	\$924.00
92-1621-13	Well Level Sounder, 400 ft.	\$1,080.00
92-1621-12	Well Level Sounder, 500 ft.	\$1,237.00
92-1621-25	Well Level Sounder, 1000 ft.	\$2,067.00

These well level sounders are available in other lengths and in metric units upon request. Check with our customer service department at 800.624.8285 for assistance.



Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker (Avantor)
Chemetrics
Columbus Chemical
Difco

Edge Biologicals
G. Frederick Smith (GFS)
Lab Chem
Lamotte

Lovibond
Macron (Avantor)
Ricca
Taylor Technologies

See www.preiser.com for details or telephone customer service at 800.624.8285

Furniture and Appliances

The capable staff at Preiser Scientific can design your lab with a complete line of cabinetry, hoods, chairs, tables, lab washers, etc. from such manufacturers as:

Biofit
Cramer
NuAire

Eagle Manufacturing
Hemco
SciMatCo

BMC
LabConco





A partial listing of commonly used chemicals and solutions available for your laboratory:

Acids - Available in Reagent and Trace Metals
Grades and all concentrations

Acetic Acid
Ammonium Hydroxide
Hydrochloric Acid
Hydrofluoric Acid
Nitric Acid
Sulfuric Acid
--and more

Buffers

pH Buffers - all ranges
Phosphate Buffers - all ranges
Reference Buffers
--and more

Salts - Available in all normalities

Calcium Chloride
Ferric Ammonium Sulfate
Ferric Chloride
Ferric Sulfate
Magnesium Chloride
Potassium Chloride
Potassium Hydroxide
Sodium Chloride
Sodium Hydroxide
Sodium Sulfate
Sodium Thiosulfate
--and more

Solutions

Glucose-Glutamic Acid
DPD Indicators
EDTA
Sodium Thiosulfate
--and more

Solvents

Acetone
Chloroform
Denatured Ethyl Alcohol
Hexane
Isopropyl Alcohol
Methanol
Toluene
--and more

Standards - Available in AA/ICP grades

Ammonia Standard
Conductivity Standards - all ranges
ISE Standards
Potassium Permanganate Standard - all ranges
--and more



Preiser Scientific can supply a complete line of chemicals, media, and solutions from such suppliers as:

J.T. Baker® (Avantor)
CHEMetrics®
Columbus Chemical
Difco®

Edge Biologicals
G. Frederick Smith (GFS)
LabChem®
LaMotte®

Lovibond®
Macron® (Avantor)
Ricca®
Taylor Technologies

Frequently Purchased Laboratory Equipment and Supply Essentials Index

(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
A					
Apparel, Apron					
	90-1068-15	36" x 27" Chemical Resistant PVC-coated Cloth Apron	\$10.90		
	90-1068-16	42" x 27" Chemical Resistant PVC-coated Cloth Apron	\$11.24		
	90-1068-17	42" x 36" Chemical Resistant PVC-coated Cloth Apron	\$11.72		
	90-1068-18	46" x 36" Chemical Resistant PVC-coated Cloth Apron	\$15.76		
	10-1335-01	36" x 27" Vinyl Apron, Clear	\$21.70		
Disposable	90-1069-10	46" x 28" Polyethylene Disposable Apron, White, 100/pk, 5-pk/cs		\$150.73	\$571.28
Apparel, Gloves		See Gloves, Latex and Gloves, Nitrile See pages - 79-80			
Apparel, Lab Coat					
Men's	90-1078-034	Men's 65%Polyester/35%Cotton Knee Length, White, sz.34	\$30.96		
Men's	90-1078-036	Men's 65%Polyester/35%Cotton Knee Length, White, sz.36	\$30.96		
Men's	90-1078-040	Men's 65%Polyester/35%Cotton Knee Length, White, sz.40	\$30.96		
Men's	90-1078-044	Men's 65%Polyester/35%Cotton Knee Length, White, sz.44	\$30.96		
Men's	90-1078-048	Men's 65%Polyester/35%Cotton Knee Length, White, sz.48	\$31.96		
Men's	90-1078-050	Men's 65%Polyester/35%Cotton Knee Length, White, sz.50	\$38.70		
Women's	90-1081-036	Women's 65%Polyester/35%Cotton Knee Length, White, sz.36	\$30.96		
Women's	90-1081-040	Women's 65%Polyester/35%Cotton Knee Length, White, sz.40	\$30.96		
Women's	90-1081-042	Women's 65%Polyester/35%Cotton Knee Length, White, sz.42	\$30.96		
Autoclave		Market Forge, Tuttnaeur See page — 1			
Autoclave Accessories					
Bag	10-1696-70	Clear Autoclavable Bag, 12x24", 100/pk		\$74.75	
Bag	10-1696-96	Clear Autoclavable Bag, 24x30", 100/pk		\$172.05	
Bag	10-1696-98	Clear Autoclavable Bag, 24x36", 100/pk		\$198.75	
Bag Holder	90-1319-28	Clavies®, Small Bag Holder, PPE and S/S Wire for 12x24" bag	\$40.85		
Bag Holder	90-1319-29	Clavies®, Medium Bag Holder, PPE and S/S Wire for 24x30" bag	\$61.25		
Bag Holder	90-1319-30	Clavies®, Large Bag Holder, PPE and S/S Wire for 24x36" bag	\$64.25		
Bag Holder Cover	90-1319-31	Clavies®, Bag Holder Cover for Med.&Lg.Holders	\$27.70		
Gloves	13-1025-01	Orange Cotton Heat-resistant (232°C) Gloves with 5" cuff, Pair	\$31.10		
Gloves	13-1025-02	Orange Cotton Heat-resistant (232°C) Gloves with 11" cuff, Pair	\$42.35		
Tape	PRO-268006	Sterilization Indicator tape, 1" x 2160" roll	\$18.22		
Tape	PRO-268005	Sterilization Indicator tape, 3/4" x 2160" roll, 48 rolls/cs	\$17.24		\$543.62
Wrap	PRO-311012	Steri-Wrap® I Blue, Non-woven Autoclave wrap, 12x12", 1000/cs			\$340.54
Wrap	PRO-313018	Steri-Wrap® III Blue, Non-woven Autoclave wrap, 18x18", 400/cs			\$304.70
Wrap	FSC-118904	Steri-Wrap® III Blue, Non-woven Autoclave wrap, 45x45", 100/cs			\$549.33
B					
Bag, Biohazard					
Red	10-1712-01	Red Biohazard Bag, w/Biohazard Symbol and Sterilization Indicator, 8.5x11", 0.72 mil, 100/pk		\$19.40	
Clear	90-1301-02	Clear Biohazard Bag, w/Biohazard Symbol and Sterilization Indicator, 12x24", 1.5 mil, 100/pk		\$54.05	
Red	90-1319-10	Red Biohazard Bag, w/Biohazard Symbol and Sterilization Indicator, 14x19", 1.5 mil, 200/pk		\$119.85	
Red	90-1319-11	Red Biohazard Bag, w/Biohazard Symbol and Sterilization Indicator, 19x23", 1.5 mil, 200/pk		\$174.35	
Bag, Whirl-pak Sterile					
Write-on	90-1313-18	Whirl-Pak® Write-on Bag, 4 oz, 3" x 7 1/4", 2.25 mil, 500/pk		\$49.30	
Write-on	90-1313N-36	Whirl-Pak® Write-on Bag, 18 oz, 4 1/2" x 9", 2.5 mil, 500/pk, 12pks/cs		\$69.40	\$832.80
No Label Strip	90-1312-37	Whirl-Pak® Bag w/o Label Strip, 18 oz, 4 1/2" x 9", 2.5 mil, 500/pk, 12pks/cs		\$64.60	\$775.20

Frequently Purchased Laboratory Equipment and Supply Essentials Index

(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Write-on	90-1313-37	Whirl-Pak® Write-on Bag, 24 oz, 6" x 9", 3 mil, 500/pk, 6pks/cs		\$91.10	\$546.60
Bag, Zipper					
	90-1315-01	Write-on® Zipper Bag, 9" x 12", 4 mil, w/hang hole, 500/pk		\$375.11	
	90-1315-05	Write-on® Zipper Bag, 8" x 10", 4 mil, w/hang hole, 1000/pk		\$323.36	
	90-1315-08	Zipper Bag, 12" x 12", 4 mil, w/hang hole, 500/pk		\$156.00	
	90-1315-11	Minigrip® Write-on® Zipper Bag, 3" x 5", 4 mil, w/hang hole, 1000/pk		\$157.90	
	90-1315-12	Minigrip® Write-on® Zipper Bag, 5" x 8", 4 mil, w/hang hole, 1000/pk		\$260.20	
Bailer, Disposable					
	VOS-91946-S	Bailer, Disposable, 1.5" dia. x 36", Non-weighted, Polyethylene, 24/cs			\$271.69
	VOS-91946-SW	Bailer, Disposable, 1.5" dia. x 36", Weighted, Polyethylene, 24/cs			\$314.91
	22-4989-02	Bailer, Disposable, Mini, 3/4" dia. x 12", Single-check valve, Weighted, Polyethylene, 24/cs			\$159.12
	22-4985-05	Bailer, Disposable, 1.6" dia. x 12", Single-check valve, Weighted, Polyethylene, 24/cs			\$169.73
Balances/Scales					
Analytical, Moisture, Triple Beam See pages – 2-6					
Balance Accessories					
Glass Fiber Sheet	91-1732-15	78 mm dia. Glass Fiber Sheet for use w/AND Moisture Balances, 100/pk		\$50.00	
Weighing Boats	10-1779-01	1 5/8x2 1/4x 5/16" polystyrene pour boat, 250/pk, 8 pks/cs		\$44.50	\$348.00
Weighing Boats	10-1779-02	3 1/2x5 1/4x 1" polystyrene pour boat, 250/cs			\$87.00
Weighing Boats	10-1779-03	4 3/4x7 3/4x 1" polystyrene pour boat, 250/cs			\$116.00
Weighing Dishes	12-1570-01	57 mm dia. Disposable Aluminum dish, w/Crimped Sides & Finger grip, 100/pk, 10 pks/cs		\$16.00	\$159.99
Weighing Dishes	12-1570-02	70 mm dia. Disposable Aluminum dish, w/Crimped Sides & Finger grip, 100/pk, 10 pks/cs		\$23.00	\$230.01
Weighing Dishes	12-1570-31	44 mm dia. Disposable Aluminum dish, 100/pk		\$14.00	
Weighing Dishes	EGL-D63-100	63 mm dia. Disposable Aluminum dish, 100/pk, 12pks/cs		\$17.00	\$203.97
Weighing Dishes	12-1570-05	181 mm dia. Disposable Aluminum dish, 50/pk		\$21.50	
Weighing Dishes	12-1572-02	103 mm dia. Disposable Aluminum dish, w/Smooth Sides & Flat Bottom, 100/pk, 10 pks/cs		\$41.00	\$410.00
Weighing Dishes	92-1732-13	85 mm dia. Reusable Weighing Dish for use w/AND Moisture Balances, 100/pk		\$92.00	
Weighing Dishes	92-1732-14	85 mm dia. Disposable Weighing Dish for use w/AND Moisture Balances, 100/pk		\$50.00	
Weighing Paper	10-1791-01	Glassine Weighing paper, 3x3", 500/pk		\$8.24	
Weighing Paper	10-1791-02	Glassine Weighing paper, 4x4", 500/pk		\$19.68	
Weighing Paper	10-1791-03	Glassine Weighing paper, 6x6", 500/pk		\$17.95	
Weighing Table	90-2155-01	Marble Weighing Table, 3" thick slabs w/rigid stabilizing bar to reinforce legs, 35"Lx24"Wx31 3/4"H	\$2,658.90		
Weight Sets	90-2184-01	Balance Wgt Set 50 gm-1 mg, ASTM Class 1, 20pc, 5-3-2-1 config.	\$910.00		
Weight Sets	90-2184-02	Balance Wgt Set 100 gm-1 mg, ASTM Class 1, 21pc, 5-2-2-1 config.	\$985.00		
Weight Sets	90-2184-04	Balance Wgt Set 100 gm-1 g, ASTM Class 1, 9pc, 5-2-2-1 config.	\$625.00		
Weight Sets	90-2184-06	Balance Wgt Set 100 gm-5 mg, ASTM Class 1, 18pc, 5-3-2-1 config.	\$875.00		
Weight Sets	90-2184-08	Balance Wgt Set 300 gm-1 g, ASTM Class 1, 11pc, 5-3-2-1 config.	\$1,310.00		
Weight Sets	90-2184-11	Balance Wgt Set 50 gm-100 mg, ASTM Class 1, 12pc, 5-2-2-1 config.	\$695.00		
Weight Sets	90-2184-13	Balance Wgt Set 20 gm-100 mg, ASTM Class 0, 10pc, 5-2-2-1 config.	\$2,370.00		
Weight, Single	90-2188-29	Balance Wgt Indiv. 20 gm wt. ASTM Class 1	\$80.00		
Weight, Single	90-2188-33	Balance Wgt Indiv. 1 gm wt. ASTM Class 1	\$70.00		
Weight, Single	90-2193-12	Balance Wgt Indiv. 1 mg wt. ASTM Class 1	\$60.00		
Baths					
See pages – 7-8 Also see Coliform Bath page - 7					

See complete item description/picture: www.preiser.com

Frequently Purchased Laboratory Equipment and Supply Essentials Index

(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Beakers, Glass					
	90-2302-45	Pyrex® Low Form Beaker, 30 mL, 12/pk, 48/cs	\$3.42	\$37.35	\$135.72
	90-2302-53	Pyrex® Low Form Beaker, 50 mL, 12/pk, 48/cs	\$3.42	\$37.35	\$135.72
	90-2302-67	Pyrex® Low Form Beaker, 100 mL, 12/pk, 48/cs	\$3.62	\$39.42	\$143.28
	90-2302-74	Pyrex® Low Form Beaker, 150 mL, 12/pk, 48/cs	\$3.28	\$35.73	\$129.96
	90-2302-78	Pyrex® Low Form Beaker, 250 mL, 12/pk, 48/cs	\$3.47	\$37.80	\$137.52
	90-2302-80	Pyrex® Low Form Beaker, 400 mL, 12/pk, 48/cs	\$4.07	\$44.46	\$161.64
	90-2302-82	Pyrex® Low Form Beaker, 600 mL, 6/pk, 36/cs	\$5.16	\$28.17	\$153.63
	90-2302-86	Pyrex® Low Form Beaker, 1000 mL, 6/pk, 24/cs	\$9.74	\$53.10	\$193.14
	90-2302-88	Pyrex® Low Form Beaker, 2000 mL, 4/pk, 8/cs	\$19.31	\$70.23	\$127.68
Beakers, Plastic					
	90-2306-45	Nalgene™ Low Form Beaker, polypropylene, 30 mL, 12/pk, 48/cs	\$3.30	\$36.00	\$131.04
	90-2306-53	Nalgene™ Low Form Beaker, polypropylene, 50 mL, 12/pk, 48/cs	\$3.30	\$36.00	\$131.04
	90-2306-67	Nalgene™ Low Form Beaker, polypropylene, 100 mL, 12/pk, 48/cs	\$4.03	\$43.92	\$159.84
	90-2306-74	Nalgene™ Low Form Beaker, polypropylene, 150 mL, 12/pk, 48/cs	\$5.17	\$56.40	\$204.96
	90-2306-78	Nalgene™ Low Form Beaker, polypropylene, 250 mL, 6/pk, 36/cs	\$7.16	\$39.06	\$213.12
	90-2306-80	Nalgene™ Low Form Beaker, polypropylene, 400 mL, 6/pk, 36/cs	\$10.36	\$56.52	\$308.16
	90-2306-82	Nalgene™ Low Form Beaker, polypropylene, 600 mL, 4/pk, 24/cs	\$13.41	\$48.76	\$265.92
	90-2306-86	Nalgene™ Low Form Beaker, polypropylene, 1000 mL, 3/pk, 12/cs	\$16.84	\$45.93	\$167.04
	90-2306-88	Nalgene™ Low Form Beaker, polypropylene, 2000 mL 1/pk, 6/cs		\$33.55	\$183.00
	90-2306-91	Nalgene™ Low Form Beaker, polypropylene, 4000 mL, 1/pk, 4/cs		\$57.48	\$209.00
Beakers, Disposable					
	DYM-80092	Tri-Stir, Polypropylene, Disposable Beaker, 50 mL, 100/cs			\$36.23
	DYM-80093	Tri-Stir, Polypropylene, Disposable Beaker, 100 mL, 100/cs			\$36.61
	DYM-80094	Tri-Stir, Polypropylene, Disposable Beaker, 250 mL, 100/cs			\$48.36
	DYM-80096	Tri-Stir, Polypropylene, Disposable Beaker, 400 mL, 100/cs			\$71.96
	DYM-80097	Tri-Stir, Polypropylene, Disposable Beaker, 800 mL, 100/cs			\$99.58
	DYM-80098	Tri-Stir, Polypropylene, Disposable Beaker, 1000 mL, 100/cs			\$103.44
	90-2309-80	Tri-Corner, Polypropylene, Economy Disposable Beaker, 400 mL, 100/cs			\$44.40
	90-2309-86	Tri-Corner, Polypropylene, Economy Disposable Beaker, 1000 mL, 100/cs			\$100.30
BOD Incubator					
Bottle, Caps		See page — 9			
	CCC-50220TSD1	White PP Cap w/PE Foam Liner (F-217), 20 mm, 20-410 Thread, 1000/pk, 7500/cs	\$0.28	\$283.44	\$2,125.80
	CCC-50224TSD1	White PP Cap w/PE Foam Liner (F-217), 24 mm, 24-410 Thread, 5500/cs	\$0.29		\$428.74
	90-2496-02	White PP Cap w/PE Foam Liner (F-217), 38 mm, 38-400 Thread, 108/pk, 3750/cs	\$0.11	\$11.53	\$400.12
	90-2587P-02	White PP Cap w/PE Foam Liner (F-217), 48 mm, 48-400 Thread, 1700/cs	\$0.26		\$442.00
	CCC-50253TS	White PP Cap w/PE Foam Liner (F-217), 53 mm, 53-410 Thread, 2000/cs	\$0.17		\$336.80
	90-2587-02	White PP Cap w/PE Foam Liner (F-217), 58 mm, 58-400 Thread, 1100/cs	\$0.98		\$1,078.00
	CCC-50263TS	White PP Cap w/PE Foam Liner (F-217), 63 mm, 63-400 Thread, 1500/cs	\$0.19		\$257.07
	CCC-50270TS1	White PP Cap w/PE Foam Liner (F-217), 70 mm, 70-400 Thread, 1000/cs	\$0.77		\$777.00
	CCC-50289TS	White PP Cap w/PE Foam Liner (F-217), 89 mm, 89-400 Thread, 500/cs	\$0.29		\$146.26

Frequently Purchased Laboratory Equipment and Supply Essentials Index

(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
	QEC-OP110-400W	White PP Cap w/PE Foam Liner, 110 mm, 110-400 Thread, 25/cs	\$0.40		\$10.00
	90-2496-04	White PP Cap w/Security Ring, 38 mm, 38-400 Thread, 108/pk, 2200/cs	\$0.32	\$34.78	\$800.00
	QEC-1T53-400W	White PP Cap w/PTFE Liner, 53 mm, 53-400 Thread, 50/pk	\$1.40	\$69.83	
	CCC-50270NL1	White PP Cap, Unlined, 70 mm, 70-400 Thread, 760/cs	\$0.43		\$327.90
	CCC-50270NLD1	White PP Cap, Unlined, 70 mm, "Food Canning Style" 70G-450 Thread, 12/pk, 700/cs	\$0.74	\$7.66	\$286.12
	90-2721-67	Metal Cap w/PE-Faced Pulpboard Liner, 58 mm, 58-400 Thread, 12/pk, 2000/cs	\$0.79	\$7.12	\$622.00
	CCC-400110PE	Metal Cap w/PE-Faced Pulpboard Liner, 110 mm, 110-400 Thread, 400/cs	\$1.80		\$305.84
	10-4323-43	Black Phenol Cap w/Polyvinyl-faced Pulpboard Liner, 38 mm, 38-400 Thread, 12/pk, 2160/cs	\$1.91	\$19.08	\$2,404.43
	90-2723-58	Black Phenol Cap w/Polyvinyl-faced Pulpboard Liner, 48 mm, 48-400 Thread, 12/pk, 1400/cs	\$1.55	\$15.49	\$1,453.44
	90-2723-67	Black Phenol Cap w/Polyvinyl-faced Pulpboard Liner, 58 mm, 58-400 Thread, 12/pk, 980/cs	\$2.30	\$19.98	\$952.61
	90-2725-27	Black Phenol Cap w/Polyseal Liner, 24 mm, 24-400 Thread, 12/pk	\$1.24	\$14.88	
	90-2725-33	Black Phenol Cap w/Polyseal Liner, 28 mm, 28-400 Thread, 12/pk, 3100/cs	\$0.98	\$9.56	\$1,139.25
	90-2727-58	Black Phenol Cap, Polylined, 48 mm, 48-400 Thread, 12/pk, 1400/cs	\$1.55	\$18.60	\$2,170.00
	90-2727-67	Black Phenol Cap, Polylined, 58 mm, 58-400 Thread, 12/pk, 980/cs	\$1.89	\$20.45	\$1,238.02
Bottles, Glass, BOD					
	90-2424-04	300 mL BOD Bottle with Pennyhead Stopper, nos. 1-24, 24/cs			\$338.76
	90-2424-05	300 mL BOD Bottle with Pennyhead Stopper, nos. 25-48, 24/cs			\$338.76
	WHG-227497-03G	300 mL BOD Bottle with Pennyhead Stopper, nos. 49-72, 24/cs			\$338.76
	WHG-227497-04G	300 mL BOD Bottle with Pennyhead Stopper, nos. 73-96, 24/cs			\$338.76
	90-2424-59	300 mL BOD Bottle with Robotic Stopper, nos. 1-24, 24/cs	\$14.12		\$338.76
	90-2424-60	300 mL BOD Bottle with Robotic Stopper, nos. 25-48, 24/cs			\$338.76
	90-2424-61	300 mL BOD Bottle with Robotic Stopper, nos. 49-72, 24/cs			\$338.76
	WHG-22749704	300 mL BOD Bottle with Robotic Stopper, nos. 73-96, 24/cs			\$338.76
Plastic Overcap	90-2424-90	Plastic Overcaps for 300mL BOD Bottles, 50/cs			\$52.05
Bottle stoppers	90-2424-01	Spare Pennyhead BOD Bottle Stoppers, 12/cs			\$50.39
Bottle stoppers	90-2424-03	Spare Robotic BOD Bottle Stoppers, 12/cs			\$52.43
Bottles, Glass, Dilution					
Glass	10-4662-01	Corning® NM Grad. Milk Dilution Bottle 99±1 mL with phenolic cap, 12/pk, 48/cs	\$8.00	\$87.21	\$317.16
Bottles, Glass, Standard w/Caps		Level 1 Bottles have been inspected for quality and are packaged with caps attached. They are shipped without labels or custody seals.			
Narrow Mouth	10-4281-71	Boston Round Clear Glass NM Level 1, 4 oz with 22 mm PTFE-lined PP cap, 24/cs			\$44.00
Narrow Mouth	10-4281-78	Boston Round Clear Glass NM Level 1, 8 oz, with 24 mm PTFE-lined PP cap, 24/cs			\$42.79
Narrow Mouth	90-2475-35	Boston Round Clear Glass NM Level 1, 16 oz, with 28 mm PTFE-lined PP cap, 12/cs			\$31.90
Narrow Mouth	90-2475-46	Boston Round Clear Glass NM Level 1, 32 oz, with 33 mm PTFE-lined PP cap, 12/cs			\$42.68
Wide Mouth	90-2592-22	Straight Sided Clear Glass WM Level 1, 4 oz, with 58 mm PTFE-lined PP cap, 24/cs			\$41.43
Wide Mouth	90-2592-26	Straight Sided Clear Glass WM Level 1, 9 oz, with 70 mm PTFE-lined PP cap, 24/cs			\$58.07

See complete item description/picture: www.preiser.com

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Wide Mouth	90-2592-35	Straight Sided Clear Glass WM Level 1, 16 oz, with 89 mm PTFE-lined PP cap, 12/cs			\$37.71
Wide Mouth	90-2597-46	Straight Sided Clear Glass WM Level 1, 32 oz, with 89 mm PTFE-lined PP cap, 12/cs			\$48.66
Wide Mouth	QEC-11130004	Standard Jar Clear Glass WM Level 1, 4 oz, with 48 mm PTFE-lined PP cap, 24/cs			\$54.91
Wide Mouth	QEC-11130008	Standard Jar Clear Glass WM Level 1, 8 oz, with 58 mm PTFE-lined PP cap, 12/cs			\$55.86
Wide Mouth	90-2580-35	Standard Jar Clear Glass WM Level 1, 16 oz, with 63 mm PTFE-lined PP cap, 12/cs			\$40.57
Wide Mouth	QEC-1113-0032	Standard Jar Clear Glass WM Level 1, 32 oz, with 70 mm PTFE-lined PP cap, 12/cs			\$38.15
Wide Mouth	90-2580-59	Standard Jar Clear Glass WM Level 1, 64 oz, with 83 mm PTFE-lined PP cap, 6/cs			\$32.15
Wide Mouth	QEC-1113-0128	Standard Jar Clear Glass WM Level 1, 128 oz, with 89 mm PTFE-lined PP cap, 4/cs			\$30.73
Bottles, Glass, Standard w/o Caps		These bottles are supplied without caps; select from various caps styles for the specific application (see Bottles, Caps).			
Wide Mouth	90-2581-22	Round, Clear Glass, WM, uses 48 mm cap, without caps, 4 oz., 12/pk, 12 pks/cs		\$25.45	\$305.40
Wide Mouth	90-2587-01	Round, Clear Glass, WM, uses 58 mm cap, without caps, 8 oz., 12/pk, 24/cs	\$2.15	\$25.80	\$51.60
Wide Mouth	90-2580-03	Round, Clear Glass, WM, uses 63 mm cap, without caps, 16 oz., 12/pk, 2 pks/cs		\$27.78	\$55.56
Wide Mouth	90-2580-04	Round, Clear Glass, WM, uses 70 mm-G450 cap, without caps, 32 oz, 12/pk		\$43.03	
Wide Mouth	90-2580-05	Round, Clear Glass, WM, uses 83 mm cap, without caps, 64 oz, 6/cs	\$6.95		\$41.70
Wide Mouth	90-2580-06	Round, Clear Glass, WM, uses 89 mm cap, without caps, 128 oz, 4/cs			\$44.15
Wide Mouth	90-2593-22	Straight-Sided, Ointment Jar, Clear Glass, WM, uses 58 mm cap, without caps, 4 oz, 12/pk, 12 pks/cs		\$28.80	\$345.60
Wide Mouth	90-2593-26	Straight-Sided, Ointment Jar, Clear Glass, WM, uses 70 mm cap, without caps, 8 oz, 12/pk, 24/cs	\$3.25	\$39.00	\$78.00
Wide Mouth	90-2593-35	Straight-Sided, Ointment Jar, Clear Glass, WM, uses 89 mm cap, without caps, 16 oz, 12/pk, 36/cs	\$2.43	\$29.16	\$87.48
Wide Mouth	90-2593-46	Straight-Sided, Ointment Jar, Clear Glass, WM, uses 89 mm cap, without caps, 32 oz, 12/cs	\$5.18		\$62.16
Extra Wide Mouth	10-4306-35	French Square, Clear Glass, XWM, uses 48 mm cap, without caps, 16 oz., 40/cs	\$1.37		\$54.80
Extra Wide Mouth	10-4306-46	French Square, Clear Glass, XWM, uses 58 mm cap, without caps, 32 oz., 12/pk, 24/cs	\$6.62	\$79.44	\$158.88
Bottles, Glass, EPA Cleaned, w/Caps		Level 2 Bottles have been pre-cleaned to meet or exceed the requirements of US EPA's "Specifications for Contaminant-Free Containers" and are packaged with caps attached. Each case is labeled with a production lot number, has a Certificate of Quality Environmental Compliance which has the production lot number, and is custody-sealed.			
Narrow Mouth	90-2475-23	Boston Round Clear Glass NM Level 2-EPA Cleaned, 4 oz, with 22 mm PTFE-lined PP cap, 24/cs			\$49.42
Narrow Mouth	90-2475-27	Boston Round Clear Glass NM Level 2-EPA Cleaned, 8 oz, with 24 mm PTFE-lined PP cap, 24/cs			\$48.29
Narrow Mouth	QEC-2111-0016	Boston Round Clear Glass NM Level 2-EPA Cleaned, 16 oz, with 28 mm PTFE-lined PP cap, 12/cs			\$56.70
Narrow Mouth	10-4272-86	Boston Round Clear Glass NM Level 2-EPA Cleaned, 32 oz, with 33 mm PTFE-lined PP cap, 12/cs			\$48.52
Wide Mouth	QEC-2114-0004	Straight Sided Clear Glass WM Level 2-EPA Cleaned, 4 oz, with 58 mm PTFE-lined PP cap, 24/cs			\$67.59
Wide Mouth	QEC-21140009	Straight Sided Clear Glass WM Level 2-EPA Cleaned, 9 oz, with 70 mm PTFE-lined PP cap, 24/cs			\$61.74

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Category	Catalog No.	Description	EA	PK	CS
Wide Mouth	10-4303-35	Straight Sided Clear Glass WM Level 2-EPA Cleaned, 16 oz, with 89 mm PTFE-lined PP cap, 12/cs			\$43.06
Wide Mouth	QEC-21140032	Straight Sided Clear Glass WM Level 2-EPA Cleaned, 32 oz, with 89 mm PTFE-lined PP cap, 12/cs			\$52.17
Wide Mouth	QEC-2113-0004	Standard Jar Clear Glass WM Level 2-EPA Cleaned, 4 oz, with 48 mm PTFE-lined PP cap, 24/cs			\$75.41
Wide Mouth	10-4300-26	Standard Jar Clear Glass WM Level 2-EPA Cleaned, 8 oz, with 58 mm PTFE-lined PP cap, 12/cs			\$49.83
Wide Mouth	QEC-2113-0016	Standard Jar Clear Glass WM Level 2-EPA Cleaned, 16 oz, with 63 mm PTFE-lined PP cap, 12/cs			\$47.30
Wide Mouth	QEC-21130032	Standard Jar Clear Glass WM Level 2-EPA Cleaned, 32 oz, with 70 mm PTFE-lined PP cap, 12/cs			\$39.60
Wide Mouth	QEC-21130064	Standard Jar Clear Glass WM Level 2-EPA Cleaned, 64 oz, with 83 mm PTFE-lined PP cap, 6/cs			\$46.00
Wide Mouth	90-2580-72	Standard Jar Clear Glass WM Level 2-EPA Cleaned, 128 oz, with 89 mm PTFE-lined PP cap, 4/cs			\$32.55
Bottles, Glass, EPA Certified Clean, w/Caps		Level 3 Bottles have been pre-cleaned to meet or exceed the requirements of US EPA's "Specifications for Contaminant-Free Containers", are analyzed by an independent laboratory, and are packaged with caps attached. A Certificate of Analysis has been issued by the independent laboratory, and each container has a bar code label that identifies the production lot number and the container's unique ID number. Each case is labeled with a production lot number, has the Certificate of Analysis, which has the production lot number traceable to the laboratory data, enclosed, and is custody-sealed and shipped with labels and custody seals.			
Narrow Mouth	90-2475-24	Boston Round Clear Glass NM Level 3-EPA Cert., 4 oz, with 22 mm PTFE-lined PP cap, 24/cs			\$59.10
Narrow Mouth	90-2475-28	Boston Round Clear Glass NM Level 3-EPA Cert., 8 oz, with 24 mm PTFE-lined PP cap, 24/cs			\$64.88
Narrow Mouth	90-2475-37	Boston Round Clear Glass NM Level 3-EPA Cert., 16 oz, with 28 mm PTFE-lined PP cap, 12/cs			\$52.14
Narrow Mouth	90-2475-48	Boston Round Clear Glass NM Level 3-EPA Cert., 32 oz, with 33 mm PTFE-lined PP cap, 12/cs			\$50.05
Wide Mouth	QEC-31140004	Straight Sided Clear Glass WM Level 3-EPA Cert., 4 oz, with 58 mm PTFE-lined PP cap, 24/cs			\$89.64
Wide Mouth	QEC-31140009	Straight Sided Clear Glass WM Level 3-EPA Cert., 9 oz, with 70 mm PTFE-lined PP cap, 24/cs			\$69.38
Wide Mouth	QEC-31140016	Straight Sided Clear Glass WM Level 3-EPA Cert., 16 oz, with 89 mm PTFE-lined PP cap, 12/cs			\$57.25
Wide Mouth	90-2593-47	Straight Sided Clear Glass WM Level 3-EPA Cert., 32 oz, with 89 mm PTFE-lined PP cap, 12/cs			\$76.19
Bottles, Plastic, Dilution					
	52-8011-01	Dilution Bottle, Plastic Flip-top, w/Sterile Phosphate Buffer f/Wastewater Analysis, 99 mLs, 50/cs			\$99.67
Bottles, Plastic, Dropper					
Plastic	10-4507-10	Scienceware® Dispensing/Dropper Bottle, 0.76mm tip, 15 mL, 12/pk, 72/pk	\$1.45	\$17.40	\$104.40
Plastic	10-4507-12	Scienceware® Dispensing/Dropper Bottle, 0.76mm tip, 30 mL, 12/pk, 72/cs	\$1.43	\$17.16	\$102.96
Plastic	10-4507-17	Scienceware® Dispensing/Dropper Bottle, 0.76mm tip, 60 mL, 12/pk, 72/cs	\$1.66	\$19.92	\$119.52
Plastic	10-4507-22	Scienceware® Dispensing/Dropper Bottle, 0.76mm tip, 125 mL, 12/pk	\$2.77	\$33.24	
Plastic	10-4507-26	Scienceware® Dispensing/Dropper Bottle, 0.76mm tip, 250 mL, 12/pk, 72/cs	\$3.23	\$38.76	\$232.56
Plastic	10-4507-35	Scienceware® Dispensing/Dropper Bottle, 0.76mm tip, 500 mL, 12/pk, 36/cs	\$4.08	\$48.96	\$146.88

See complete item description/picture: www.preiser.com

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Bottles, Plastic, Standard w/Caps		Level 1 Bottles have been inspected for quality and are packaged with caps attached. They are shipped without labels or custody seals.			
Wide Mouth	90-2602-22	Oblong WM HDPE Level 1, 4 oz, with 38 mm PE-foam lined PP cap, 48/cs			\$33.41
Wide Mouth	90-2602-26	Oblong WM HDPE Level 1, 8 oz, with 43 mm PE-foam lined PP cap, 24/cs			\$28.56
Wide Mouth	QEC-1212-0016	Oblong WM HDPE Level 1, 16 oz, with 43 mm PE-foam lined PP cap, 24/cs			\$35.42
Wide Mouth	QEC-1212-0032	Oblong WM HDPE Level 1, 32 oz, with 53 mm PE-foam lined PP cap, 12/cs			\$48.08
Wide Mouth	90-2612-19	Round WM HDPE Level 1, 2 oz, with 33 mm PE-foam lined PP cap, 48/cs			\$32.18
Wide Mouth	QEC-1213-0004	Round WM HDPE Level 1, 4 oz, with 38 mm PE-foam lined PP cap, 48/cs			\$34.05
Wide Mouth	90-2612-28	Round WM HDPE Level 1, 8 oz, with 48 mm PE-foam lined PP cap, 24/cs			\$27.55
Wide Mouth	QEC-1213-0016	Round WM HDPE Level 1, 16 oz, with 53 mm PE-foam lined PP cap, 24/cs			\$34.69
Wide Mouth	QEC-1213-0032	Round WM HDPE Level 1, 32 oz, with 63 mm PE-foam lined PP cap, 12/cs			\$34.82
Wide Mouth	90-2612-59	Round WM HDPE Level 1, 77 oz, with 89 mm PE-foam lined PP cap, 6/cs			\$27.90
Wide Mouth	QEC-1213-0128	Round WM HDPE Level 1, 128 oz, with 110 mm PE-foam lined PP cap, 4/cs			\$22.68
Narrow Mouth	90-2492-22	Cylinder Round NM HDPE Level 1, 4 oz, with 20 mm PE-foam lined PP cap, 48/cs			\$27.27
Narrow Mouth	90-2492-26	Cylinder Round NM HDPE Level 1, 8 oz, with 24 mm PE-foam lined PP cap, 24/cs			\$23.39
Narrow Mouth	90-2492-35	Cylinder Round NM HDPE Level 1, 16 oz, with 28 mm PE-foam lined PP cap, 24/cs			\$27.96
Narrow Mouth	90-2492-46	Cylinder Round NM HDPE Level 1, 32 oz, with 28 mm PE-foam lined PP cap, 12/cs			\$24.72
Wide Mouth	90-2599-37	Straight-Sided WM HDPE Level 1, 16 oz, with 89 mm PE-foam lined PP cap, 12/cs			\$29.74
Wide Mouth	90-2599-48	Straight-Sided WM HDPE Level 1, 32oz, with 89 mm PE-foam lined PP cap, 12/cs			\$33.65
Bottles, Plastic, Standard w/o Caps		These bottles are supplied without caps; select from various caps styles for the specific application (see Bottles, Caps).			
Wide Mouth	90-2587P-22	Round WM HDPE, uses 38 mm cap, w/o caps, 4 oz., 500/cs	\$0.52		\$260.00
Wide Mouth	90-2587P-01	Round WM HDPE, uses 48 mm cap, w/o caps, 8 oz., 250/cs	\$0.67		\$167.50
Wide Mouth	CCC-HDS76825	Round WM HDPE, uses 53 mm cap, w/o caps, 16 oz., 180/cs	\$1.21		\$1,196.68
Wide Mouth	CCC-HDS77439	Round WM HDPE, uses 48 mm cap, w/o caps, 32 oz., 72/cs	\$1.84		\$132.24
Wide Mouth	90-2599-71	Round WM HDPE, uses 110 mm cap, w/o caps, 128 oz., 60/cs	\$3.89		\$233.40
Wide Mouth	90-2599-22	Straight-Sided WM, HDPE, uses 58 mm cap, w/o caps, 4 oz., 12/pk, 280/cs	\$2.04	\$23.26	\$514.08
Wide Mouth	90-2599-26	Straight-Sided WM, HDPE, uses 70 mm cap, w/o caps, 8 oz., 12/pk, 336/cs	\$1.95	\$22.11	\$570.72
Wide Mouth	90-2599-35	Straight-Sided WM, HDPE, uses 89 mm cap, w/o caps, 16 oz. 144/cs	\$1.78		\$230.40
Wide Mouth	90-2599-46	Straight-Sided WM, HDPE, uses 89 mm cap, w/o caps, 32 oz., 12/pk, 7pks/cs		\$45.60	\$287.28
Wide Mouth	CCC-203250NH	Oblong WM, HDPE, uses 43 mm cap, w/o caps, 8 oz./250 mL, 250/cs	\$1.20		\$237.45
Wide Mouth	CCC-203500NH	Oblong WM, HDPE, uses 43 mm cap, w/o caps, 16 oz./500 mL, 160/cs			\$177.16
Wide Mouth	CCC-21132NH1	Oblong WM, HDPE, uses 53 mm cap, w/o caps, 34 oz./1000 mL, 82/cs	\$3.52		\$188.47

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Narrow Mouth	90-2497-01	Dairy Square, NM, HDPE, uses 38 mm cap, w/o caps, 8 oz., 500/cs	\$1.18		\$590.00
Narrow Mouth	90-2499-01	Dairy Square, NM, HDPE, uses 38 mm cap, w/o caps, 16 oz., 400/cs	\$1.26		\$504.00
Narrow Mouth	90-2496-01	Dairy Square, NM, HDPE, uses 38 mm cap, w/ot caps, 32 oz., 108/cs	\$1.94		\$209.52
Narrow Mouth	90-2563-10	Jug, Square, NM, HDPE, w/molded-in handle, uses 38 mm cap, w/o caps, 1/2 gal., 108/cs	\$2.61		\$193.23
Narrow Mouth	90-2563-71	Jug, Square, NM, HDPE, w/molded-in handle, uses 38 mm cap, w/o caps, 1 gal., 4/cs	\$9.08		\$36.32
Bottles, Plastic, Economy, w/Caps		These bottles are supplied with caps attached.			
Wide Mouth	90-2612-22	Nalgene™ Round WM Economy HDPE Bottle with 38 mm unlined PP cap, 4 oz., 72/pk, 500/cs	\$1.17	\$77.04	\$485.00
Wide Mouth	90-2612-26	Nalgene™ Round WM Economy HDPE Bottle with 43 mm unlined PP cap, 8 oz., 72/pk, 250/cs	\$1.78	\$116.64	\$367.50
Wide Mouth	90-2612-35	Nalgene™ Round WM Economy HDPE Bottle with 53 mm unlined PP cap, 16 oz., 48/pk, 125/cs	\$2.59	\$112.80	\$267.50
Wide Mouth	90-2612-46	Nalgene™ Round WM Economy HDPE Bottle with 63 mm unlined PP cap, 32 oz., 24/pk, 50/cs	\$4.21	\$91.92	\$174.00
Bottles, Plastic, EPA Cleaned, w/Caps		Level 2 Bottles have been pre-cleaned to meet or exceed the requirements of US EPA's "Specifications for Contaminant-Free Containers" and are packaged with caps attached. Each case is labeled with a production lot number, has a Certificate of Quality Environmental Compliance which has the production lot number, and is custody-sealed.			
Wide Mouth	90-2602-23	Oblong WM HDPE Level 2-EPA Cleaned, 4oz, with 38 mm PE-foam lined PP cap, 48/cs			\$41.36
Wide Mouth	QEC-2212-0008	Oblong WM HDPE Level 2-EPA Cleaned, 8oz, with 43 mm PE-foam lined PP cap, 24/cs			\$52.99
Wide Mouth	QEC-2212-0016	Oblong WM HDPE Level 2-EPA Cleaned, 16oz, with 43 mm PE-foam lined PP cap, 24/cs			\$51.29
Wide Mouth	QEC-2212-0032	Oblong WM HDPE Level 2-EPA Cleaned, 32oz, with 53 mm PE-foam lined PP cap, 12/cs			\$58.95
Wide Mouth	90-2612-20	Round WM HDPE Level 2-EPA Cleaned, 2 oz, with 33 mm PE-foam lined PP cap, 48/cs			\$40.11
Wide Mouth	QEC-22130004	Round WM HDPE Level 2-EPA Cleaned, 4 oz, with 38 mm PE-foam lined PP cap, 48/cs			\$61.37
Wide Mouth	90-2612-29	Round WM HDPE Level 2-EPA Cleaned, 8 oz, with 48 mm PE-foam lined PP cap, 24/cs			\$33.31
Wide Mouth	90-2612-30	Round WM HDPE Level 2-EPA Cleaned, 16 oz, with 53 mm PE-foam lined PP cap, 24/cs			\$56.84
Wide Mouth	QEC-2213-0032	Round WM HDPE Level 2-EPA Cleaned, 32 oz, with 63 mm PE-foam lined PP cap, 12/cs			\$43.23
Wide Mouth	QEC-2213-0077	Round WM HDPE Level 2-EPA Cleaned, 77 oz, with 89 mm PE-foam lined PP cap, 6/cs			\$30.42
Wide Mouth	QEC-2213-0128	Round WM HDPE Level 2-EPA Cleaned, 128 oz, with 110 mm PE-foam lined PP cap, 4/cs			\$25.01
Narrow Mouth	90-2492-23	Cylinder Round NM HDPE Level 2-EPA Cleaned, 4oz, with 20 mm PE-foam lined PP cap, 48/cs			\$35.20
Narrow Mouth	QEC-22110008	Cylinder Round NM HDPE Level 2-EPA Cleaned, 8oz, with 24 mm PE-foam lined PP cap, 24/cs			\$29.13
Narrow Mouth	90-2492-36	Cylinder Round NM HDPE Level 2-EPA Cleaned, 16oz, with 28 mm PE-foam lined PP cap, 24/cs			\$32.13
Narrow Mouth	90-2492-32	Cylinder Round NM HDPE Level 2-EPA Cleaned, 32oz, with 28 mm PE-foam lined PP cap, 12/cs			\$27.78
Wide Mouth	90-2599-36	Straight-Sided WM HDPE Level 2-EPA Cleaned, 16oz, with 89 mm PE-foam lined PP cap, 12/cs			\$32.89
Wide Mouth	90-2599-47	Straight-Sided WM HDPE Level 2-EPA Cleaned, 32oz, with 89 mm PE-foam lined PP cap, 12/cs			\$36.72

See complete item description/picture: www.preiser.com

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Category	Catalog No.	Description	EA	PK	CS
Bottles, Plastic, EPA Certified Cleaned, w/Caps		Level 3 Bottles have been pre-cleaned to meet or exceed the requirements of US EPA's "Specifications for Contaminant-Free Containers", are analyzed by an independent laboratory, and are packaged with caps attached. A Certificate of Analysis has been issued by the independent laboratory, and each container has a bar code label that identifies the production lot number and the container's unique ID number. Each case is labeled with a production lot number, has the Certificate of Analysis, which has the production lot number traceable to the laboratory data, enclosed, and is custody-sealed and shipped with labels and custody seals.			
Wide Mouth	QEC-3212-0004	Oblong WM HDPE Level 3-EPA Cert., 4oz, with 38 mm PE-foam lined PP cap, 48/cs			\$45.81
Wide Mouth	90-2602-28	Oblong WM HDPE Level 3-EPA Cert., 8oz, with 43 mm PE-foam lined PP cap, 24/cs			\$38.79
Wide Mouth	QEC-3212-0016	Oblong WM HDPE Level 3-EPA Cert., 16oz, with 43 mm PE-foam lined PP cap, 24/cs			\$45.92
Wide Mouth	90-2602-48	Oblong WM HDPE Level 3-EPA Cert., 32oz, with 53 mm PE-foam lined PP cap, 12/cs			\$45.57
Narrow Mouth	90-2492-28	Cylinder Round NM HDPE Level 3-EPA Cert., 8oz, with 24 mm PE-foam lined PP cap, 24/cs			\$33.59
Narrow Mouth	90-2492-37	Cylinder Round NM HDPE Level 3-EPA Cert., 16oz, with 28 mm PE-foam lined PP cap, 24/cs			\$38.17
Narrow Mouth	10-3967-46	Cylinder Round NM HDPE Level 3-EPA Cert., 32oz, with 28 mm PE-foam lined PP cap, 12/cs			\$33.26
Bottles, Specialty, Cubitainer		These bottles are supplied with caps unattached.			
Plastic	90-2495-01	Cubitainer®, LDPE, Collapsible, Nesting, uses 38 mm cap, 32 oz., 36/pk, 144/cs	\$5.47	\$124.65	\$504.83
Plastic	90-2495-05	Cubitainer®, LDPE, Collapsible, Nesting, uses 38 mm cap, 1 gal., 20/pk, 160/cs	\$3.90	\$70.08	\$560.64
Plastic	90-2495-10	Cubitainer®, LDPE, Collapsible, Nesting, uses 38 mm cap, 2 1/2 gal., 12/pk, 36/cs	\$4.82	\$56.66	\$163.44
Plastic	90-2495-15	Cubitainer®, LDPE, Collapsible, Nesting, uses 38 mm cap, 5 gal., 12/pk, 36/cs	\$22.62	\$246.79	\$673.06
Bottles, Specialty, Lowboys					
Lowboy w/Spigot	90-2331-76	Nalgene™ HDPE Lowboy with Spigot, 8 L, 1/pk, 4/cs		\$147.95	\$538.00
Lowboy w/Spigot	90-2331-80	Nalgene™ HDPE Lowboy with Spigot, 15 L, 1/pk, 4/cs		\$168.85	\$614.00
Carboy w/Spigot	90-2329-71	Nalgene™ LDPE Carboy with Spigot, 4 L, 1/pk, 6/cs		\$98.81	\$538.98
Carboy w/Spigot	90-2329-78	Nalgene™ LDPE Carboy with Spigot, 10 L, 1/pk, 6/cs		\$142.09	\$775.02
Carboy w/Spigot	90-2329-82	Nalgene™ LDPE Carboy with Spigot, 20 L, 4/cs	\$170.50		\$620.00
Carboy w/Spigot	90-2329-83	Nalgene™ LDPE Carboy with Spigot, 25 L, 1/cs			\$177.00
Carboy w/Spigot	90-2329-89	Nalgene™ LDPE Carboy with Spigot, 50 L	\$268.00		
Carboy w/Spigot	90-2326-07	EZgrip™ Polypropylene Carboy w/ Spigot & Smart Cap 80, Ergonomic, Autoclavable, 5 L	\$74.45		
Carboy w/Spigot	90-2326-19	EZgrip™ HDPE Carboy w/ Spigot & Smart Cap 80, Ergonomic, 10 L	\$110.73		
Carboy w/Spigot	90-2326-22	EZgrip™ Polypropylene Carboy w/ Spigot & Smart Cap 80, Ergonomic, Autoclavable, 20 L	\$156.98		
Carboy w/Spigot	90-2326-30	EZgrip™ Polypropylene Carboy w/ Spigot & X-Wide-Mouth Smart Cap 120, Erg, Autoclavable, 20 L	\$156.98		
Carboy w/Spigot	90-2326-37	EZgrip™ Polypropylene Carboy w/ Spigot & X-Wide-Mouth Smart Cap 120, Erg, Autoclavable, 40 L	\$229.09		
Carboy w/o Spigot	90-2557-17	Nalgene™ LDPE Carboy with wide mouth and shoulder handles, 10 L, 1/pk, 6/cs		\$77.74	\$424.02
Carboy w/o Spigot	90-2557-20	Nalgene™ LDPE Carboy with wide mouth and shoulder handles, 15 L, 1/pk, 6/cs		\$95.89	\$523.02
Carboy w/o Spigot	90-2557-23	Nalgene™ LDPE Carboy with wide mouth and shoulder handles, 20 L, 1/pk, 4/cs		\$109.45	\$398.00
Carboy w/o Spigot	90-2326-15	EZgrip™ Polypropylene Carboy w/Smart Cap 80, Ergonomic, Autoclavable, 10 L	\$189.00		

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Carboy w/o Spigot	90-2326-29	EZgrip™ Polypropylene Carboy w/ X-Wide-Mouth Smart Cap 120, Erg, Autoclavable, 20 L	\$108.05		
Carboy w/o Spigot	90-2326-36	EZgrip™ Polypropylene Carboy w/ X-Wide-Mouth Smart Cap 120, Erg, Autoclavable, 40 L	\$175.64		
Bottles, Wash					
Narrow Mouth	90-2371-26	Wash Bottle, Narrow Mouth, Natural, LDPE w/28 mm PP closure, 8 oz., 12/pk, 72/cs	\$4.18	\$50.16	\$300.96
Narrow Mouth	90-2371-35	Wash Bottle, Narrow Mouth, Natural, LDPE w/28 mm PP closure, 16 oz., 12/pk, 36/cs	\$4.74	\$56.88	\$170.64
Narrow Mouth	90-2371-46	Wash Bottle, Narrow Mouth, Natural, LDPE w/38 mm PP closure, 32 oz., 12/pk, 24/cs	\$5.83	\$69.96	\$139.92
Wide Mouth	90-2375-71	Nalgene™ Unitary™ Wide Mouth, Natural LDPE w/24 mm PP closure, 125mL, 6/pk, 48/cs	\$6.00	\$32.76	\$238.08
Wide Mouth	90-2375-78	Nalgene™ Unitary™ Wide Mouth, Natural LDPE w/24 mm PP closure, 250mL, 4/pk, 36/cs	\$6.82	\$24.80	\$203.04
Wide Mouth	90-2375-81	Nalgene™ Unitary™ Wide Mouth, Natural LDPE w/38 mm PP closure, 500mL, 4/pk, 24/cs	\$8.32	\$30.28	\$165.12
Wide Mouth	90-2375-84	Nalgene™ Unitary™ Wide Mouth, Natural LDPE w/38 mm PP closure, 750mL, 4/pk, 24/cs	\$10.29	\$37.40	\$204.00
Wide Mouth	90-2375-86	Nalgene™ Unitary™ Wide Mouth, Natural LDPE w/43 mm PP closure, 1000mL, 2/pk, 12/cs	\$12.31	\$22.38	\$122.04
Wide Mouth	10-5168-78	Wash Bottle, Wide Mouth, Natural, LDPE w/38 mm PP closure, 8 oz., 12/pk		\$53.25	
Wide Mouth	10-5168-81	Wash Bottle, Wide Mouth, Natural, LDPE w/53 mm PP closure, 16 oz., 6/pk, 24/cs	\$5.23	\$31.38	\$125.52
Wide Mouth	10-5168-86	Wash Bottle, Wide Mouth, Natural, LDPE w/53 mm PP closure, 32 oz., 3/pk		\$24.10	
Brush					
Beaker	90-3080-01	3"Ø x 16" Black Bristle	\$16.74		
BOD Bottle	90-3158-01	1 3/8"Ø x 3" x 10" White Bristle, Tied Tip, 10/pk	\$6.41	\$60.90	
Buret	90-3090-01	1/2"Ø x 3 1/4" x 30" White Bristle, 3/pk	\$4.92	\$14.02	
Buret	90-3090-02	3/4"Ø x 3 1/4" x 36" White Nylon Bristle, 3/pk	\$5.12	\$14.59	
Centrifuge Tube	90-3155-01	1/2-13/16"Ø x 3" x 9" White Nylon Bristle, 3/pk	\$2.23	\$6.36	
Imhoff Cone	90-3166-01	4"Ø x 15" Black Bristle	\$22.67		
Pipet	90-3168-01	3/16-3/4"Ø x 7 1/2" White Nylon Bristle, 3/pk	\$2.75	\$7.84	
Sieve	90-3190-01	100 mesh/CRS Brass Bristle Sieve Cleaning Brush	By Quote		
Sieve	90-3200-01	Fine Sieve Cleaning Brush, f/#16 and Finer, Wood Handle & Soft Bristles, 1 1/4" Ø x 1 1/2" x 5 3/4"	By Quote		
Test Tube	90-3231-01	1 3/8"Ø x 4" x 10" White Nylon Bristle, 3/pk	\$3.09	\$8.81	
Test Tube	90-3231-03	1/2"Ø x 3" x 8" White Nylon Bristle, 3/pk	\$3.24	\$9.23	
Test Tube	90-3232-01	3/16" to 1/2"Ø x 3" x 7" Micro Test Tube, Brush, White Nylon Bristle, 3/pk	\$3.01	\$8.58	
Test Tube	90-3233-01	1 3/8"Ø x 4" x 11" White Nylon Bristle, 2/pk	\$4.38	\$8.32	
Test Tube	90-3233-02	3/4"Ø x 3 1/2" x 9" White Nylon Bristle, 2/pk, 12/cs	\$4.98	\$9.46	\$53.78
Volumetric Flask	90-3164-81	1 1/2" Øx 4" x 14" White Nylon Bristle for 500 mL Flask	\$5.23		
Volumetric Flask	90-3164-86	1 3/4" Øx 5" x 17" White Nylon Bristle for 1000 mL Flask	\$6.67		
Buret					
Glass	10-7736-42	Pyrex® 25mL Class A, 0.1 mL Graduation Intervals, 1/cs			\$169.25
Glass	10-7736-53	Pyrex® 50mL Class A, 0.1 mL Graduation Intervals, 1/cs			\$174.94
Glass	10-7736-67	Pyrex® 100mL Class A, 0.2 mL Graduation Intervals, 1/cs			\$206.26
Glass, Dispensing	90-3565-28	Pyrex® 10mL Dispensing Buret, 0.05 mL Graduation Intervals, 1/cs			\$96.83
Glass, Dispensing	90-3565-42	Pyrex® 25mL Dispensing Buret, 0.1 mL Graduation Intervals, 1/cs			\$100.12
Glass, Dispensing	90-3565-53	Pyrex® 50mL Dispensing Buret, 0.1 mL Graduation Intervals, 1/cs			\$101.44
Glass, Dispensing	90-3565-67	Pyrex® 100mL Dispensing Buret, 0.2 mL Graduation Intervals, 1/cs			\$122.36
Glass, Automatic	90-3581-67	100mL Class A Automatic w/2000 mL Reservoir, 0.2 mL Graduation Intervals, ± 0.10 mL Tolerance	\$507.77		
Glass, Automatic	90-3582-28	Squeeze-O-Matic Buret, w/Borosilicate Glass Flask & Teflon Stopcock, 10 mL	\$108.44		

See complete item description/picture: www.preiser.com

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Category	Catalog No.	Description	EA	PK	CS
Glass, Automatic	90-3582-42	Squeeze-O-Matic Buret, w/Borosilicate Glass Flask & Teflon Stopcock, 25 mL	\$115.61		
Glass, Automatic	90-3582-53	Squeeze-O-Matic Buret, w/Borosilicate Glass Flask & Teflon Stopcock, 50 mL, 1/cs			\$123.95
Metal Clamp	90-3647-01	Castaloy® Double Buret Clamp	\$110.23		
Plastic Clamp	90-3648-02	Polypropylene Double Buret Clamp	\$23.25		
Support Stand	92-1382-02	Standard Support Stand w/1/2" rod	\$74.00		
Burner, High Temperature					
Natural gas	90-3680-01	Natural Gas, Venturi Tube Meker Top 8.5" tall	\$68.00		
LP gas	90-3690-01	LP Gas, Venturi Tube, Meker Top 8.5" tall	\$68.00		
Gas Lighter	12-8926-11	Piezo Electric Gas Lighter, 10 1/2", Pistol Grip, Push-button, No Batteries Required	\$43.90		
Gas Lighter	12-8950-01	Laboratory Flint Gas Lighter, Replaceable Flint, 2000 Ignitions/Flint, 10/pk	\$14.45	\$90.42	
C					
Calorimeter		Parr, See page - 10			
Cart, Utility					
	90-4544-13	Rubbermaid Utility Cart, 500 lb. capacity, 2 shelves, 39"Lx18"Wx33"H, Black	\$339.34		
	16-6200-01	Rubbermaid Utility Cart, 500 lb. capacity, 2 shelves, 45 1/4"L x 25 7/8"W x 34 1/4" H, Beige	\$505.95		
Centrifuge		Raven, See page — 11			
Centrifuge Tubes					
Polypropylene-Copolymer	STK-3252	Centrifuge Tube, PP-Copolymer, Screw-cap, Molded-in Graduations, Sterile, 50 mL, 500/cs	\$0.31		\$139.37
Polycarbonate	72-4004-17	17mm conical polycarbonate tubes, 0.20%-100% grad. For use w/Raven, 12/pk		\$110.45	
Polycarbonate	72-4004-19	19mm conical polycarbonate tubes, 0.20%-100% grad. For use w/Raven, 12/pk		\$110.45	
Ceramic Marking Ink					
	90-9530-01	Marking Ink for Ceramic or Porcelain, Heat Treatment to Make Permanent, 15 mL, 18/cs	\$34.24		\$616.32
Clamp					
Clamp, Extension	11-3488-01	Bunsen Round-jawed Extension Clamp, Vinyl-coated Jaws, 8" length, 3/8" to 1 3/8" Jaw Opening	\$13.50		
Clamp, Extension	11-3495-01	2-prong Extension Clamp, Large, Vinyl-coated Jaws, 9" length, 0 to 3 5/8" Grip	\$62.34		
Clamp, Extension	90-4689-03	3-prong Extension Clamp, Double Adjust., Vinyl-coated Jaws, 10 3/4" length, 0 to 4 1/8" Grip	\$51.99		
Clamp Holder	90-4590-01	Regular Clamp Holder, 90° Clamping, 18mm, Nickel-plated Zinc	\$21.12		
Clamp Holder	11-4618-01	Clamp Holder for Extension Clamps, Die-cast Aluminum, Small, Straight	\$9.50		
Clamp, Test Tube	11-4696-01	Test Tube Clamp, Stoddard w/finger grips, Rect. Jaw Opening to 1 1/4", 6" Length, Self-closing, Brass	\$3.70		
Clamp, Tubing	90-4761-79	Screw Compression Clamp, Open-Jaw (Hoffman), 0 to 1/2" maximum opening x 3/4" width, 10/pk	\$2.70	\$25.65	
Clamp, Tubing	90-4761-80	Screw Compression Clamp, Open-Jaw (Hoffman), 0 to 5/8" maximum opening x 1" width	\$2.90		
Clamp, Tubing	90-4762-93	Screw Compression Clamp, Closed-Jaw (Hoffman), 0 to 5/8" maximum opening x 3/4" width	\$3.16		
Clamp, Tubing	11-4652-02	Worm Drive Hose & Tubing Clamp, S/S, 1/2" to 29/32" dia. x 5/16" width, 10/pk	\$4.00	\$38.00	
COD Reactors		See page — 11			
Coliform Bath		See page — 7			
Coliform Containers					
Plastic	EXL-EPA120T-83P	Coliform container, 120 mL sterile w/Thio Pill & custody seal 200/cs			\$119.97
Plastic	22-4954-01	Coliform container, sterile w/Thio Pill & custody seal 100/cs			\$60.19

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Bag/Thio Pill	10-1680-01	Whirl-Pak® Thio-Bag®, Standard 100 mL, 3" x 7 1/4", 2.25 mil, Write-on, 100/pk, 10 pks/cs		\$24.10	\$241.00
Bag/Thio Pill	10-1680-02	Whirl-Pak® Thio-Bag®, Standard 300 mL, 4 1/2" x 9", 2.5 mil, Write-on, 100/pk		\$49.60	
Coliform Dilution Bottle		See "Bottle, Dilution w/Phosphate Buffer"			
Colorimeters		See pages — 12-13			
Conductivity Meters		See pages — 14-15			
Counter, Colony					
	73-3157-01	Hand Tally Counter, 4-Digit, Chrome Plated w/Finger Ring, Recording Lever, & Reset Knob	\$26.74		
Crucible, Gooch					
Porcelain	90-5796-04	Gooch Crucible, 25mL, 60148, 24/cs	\$9.71		\$209.74
Porcelain	90-5796-09	Gooch Crucible, 130mL, 60153	\$37.18		
Cylinder, Graduated					
Glass	11-7690-28	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 10mL, 1/cs			\$72.38
Glass	11-7690-42	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 25mL, 1/cs			\$77.69
Glass	11-7690-53	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 50mL, 1/cs			\$78.95
Glass	11-7690-67	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 100mL, 1/cs			\$84.09
Glass	11-7690-78	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 250mL, 1/cs			\$95.03
Glass	11-7690-81	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 500mL, 1/cs			\$111.23
Glass	11-7690-86	Pyrex® Graduated Cylinder, Class A, Serialized/Certified, "TD", 1000mL, 1/cs			\$136.95
Polypropylene	90-6095-28	Nalgene™ PP Graduated Cylinder, 10 mL, 24/cs	\$16.69		\$364.08
Polypropylene	90-6095-42	Nalgene™ PP Graduated Cylinder, 25 mL, 18/cs	\$18.63		\$304.92
Polypropylene	90-6095-53	Nalgene™ PP Graduated Cylinder, 50 mL, 1/pk, 18/cs		\$20.66	\$338.04
Polypropylene	90-6095-67	Nalgene™ PP Graduated Cylinder, 100 mL, 1/pk, 12/cs		\$23.19	\$252.96
Polypropylene	90-6095-78	Nalgene™ PP Graduated Cylinder, 250 mL, 1/pk, 12/cs		\$31.44	\$342.96
Polypropylene	90-6095-81	Nalgene™ PP Graduated Cylinder, 500 mL, 1/pk, 8/cs		\$41.12	\$299.04
Polypropylene	90-6095-86	Nalgene™ PP Graduated Cylinder, 1000 mL, 1/pk, 6/cs		\$51.89	\$283.02
Polypropylene	90-6095-88	Nalgene™ PP Graduated Cylinder, 2000 mL, 1/pk, 4/cs		\$86.35	\$314.00
Polypropylene	90-6095-91	Nalgene™ PP Graduated Cylinder, 4000 mL, 1/pk, 2/cs		\$205.15	\$373.00
Polymethylpentene	90-6096-28	Nalgene™ PMP Graduated Cylinder, 10 mL, 1/pk, 24/cs		\$17.56	\$383.04
Polymethylpentene	90-6096-42	Nalgene™ PMP Graduated Cylinder, 25 mL, 1/pk, 18/cs		\$19.99	\$327.06
Polymethylpentene	90-6096-53	Nalgene™ PMP Graduated Cylinder, 50 mL, 1/pk, 18/cs		\$21.93	\$358.92
Polymethylpentene	90-6096-67	Nalgene™ PMP Graduated Cylinder, 100 mL, 1/pk, 12/cs		\$24.56	\$267.96
Polymethylpentene	90-6096-78	Nalgene™ PMP Graduated Cylinder, 250 mL, 1/pk, 12/cs		\$33.00	\$360.00
Polymethylpentene	90-6096-81	Nalgene™ PMP Graduated Cylinder, 500 mL, 1/pk, 8/cs		\$43.32	\$315.04
Polymethylpentene	90-6096-86	Nalgene™ PMP Graduated Cylinder, 1000 mL, 1/pk, 6/cs		\$54.81	\$298.98
Polymethylpentene	90-6096-88	Nalgene™ PMP Graduated Cylinder, 2000 mL, 1/pk, 4/cs		\$91.03	\$331.00
Polymethylpentene	90-6096-91	Nalgene™ PMP Graduated Cylinder, 4000 mL, 1/pk, 2/cs		\$217.25	\$395.00
D					
Deionizer, Water		Barnstead, See page — 16			
Desiccant, Drying Agent					
Indicating	11-8460-23	Drierite® Indicating Desiccant, Blue to Pink, 4 Mesh, 5lb/glass jar	\$70.00		
Indicating	11-8461-23	Drierite® Indicating Desiccant, Blue to Pink, 6 Mesh, 5lb/glass jar, 4 bottles/cs	\$70.00		\$280.01
Indicating	90-6247-23	Drierite® Indicating Desiccant, Blue to Pink, 8 Mesh, 5lb/glass jar, 4 bottles/cs	\$55.00		\$220.00
Indicating	11-8463-23	Drierite® Indicating Desiccant, Blue to Pink, 10-20 Mesh, 5lb/glass jar, 4 bottles/cs	\$75.00		\$300.01
Indicating	90-6224-68	Silica Gel 2-5 mm, Indicating Desiccant, 4-8 Mesh, 1lb/ea, 5lb/pk, 25lb/cs	\$30.00	\$150.01	\$750.04
Desiccators		See page — 17			

See complete item description/picture: www.preiser.com

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Category	Catalog No.	Description	EA	PK	CS
Detergents, Lab					
Powder	90-4877-21	Alcojet® Low-foam Lab Washer Powdered Detergent, 4lb/pk, 9 pk/cs		\$29.70	\$240.54
Liquid	11-4766-01	Liquinox® Concentrated Manual or Ultra Sonic Liquid Detergent, 32 oz/bottle, 12 bottles/cs	\$34.80		\$375.84
Liquid	11-4766-02	Liquinox® Concentrated Manual or Ultra Sonic Liquid Detergent, 1 gal/bottle, 4/bottles/cs	\$64.06		\$230.60
Dissolved Oxygen Meters					
Distillation, Water					
Drying Rack					
	14-3635-01	Revolving Cylinder Rack-F/up to 25 Cylinders/5mL to 1000mL, 18" H x 20" dia., Bk Vinyl-coated Wire	\$340.47		
	14-3640-01	Draining/Drying Rack, 72 - 3" pins, 18 - 5" pins, 18 1/2"W x 19"H x 7 1/4"D, Blk vinyl coated wire	\$212.20		
	14-3641-01	Poxygrid® Labware Benchtop Drain Stand, Polystyrene and Epoxy coated wire, 16" W x 6" D x 19" H	\$99.60		
	14-3645-02	Lab-aire® II, Non-electric Wallmount Dryer, Single-sided, 2 tier, 38 pegs, 14.75"W x 5" D x 16.4"H	\$128.95		
Dye, Fluorescent					
Tablet	PIF-5140-01	Dye, Fluorescent Yellow/Green 1 tablet/60 gal. f/Strong Visual, Dis. 5-8mins. 200 tablets/bt, 8 bt/cs	\$128.44		\$924.77
Liquid	PIF-5140-52	Dye, Fluorescent Yellow/Green 1 pint/12,500 gal. f/Strong Visual, 1 gal. bottle, 4 bt/cs	\$183.32		\$659.95
Powder	PIF-5140-68	Dye, Fluorescein Disodium Salt, Fluorescent Indicator Powder, 500 gms/pk		\$76.60	
E					
Electrode Holder					
Evaporating Dish					
Fire Clay	90-5925-22	Round Roasting Dish, Colorado, Fire Clay, 4" Dia.	By Quote		
Porcelain	12-1704-04	Porcelain Evaporating Dish, 80 mL, 60198, 24/cs	\$9.95		\$214.92
Porcelain	12-1704-06	Porcelain Evaporating Dish, 120 mL, 60200, 24/cs	\$13.00		\$280.80
Eyewash and Safety Showers					
See pages - 20, 84					
F					
Filter Paper					
Many other grades and sizes are available on our website					
	90-7480-12	Qualitative Filter Paper, # 615, 40.0 cm, 25 µm, 100/pk, 10 pk/cs		\$71.54	\$643.86
	90-7480-14	Qualitative Filter Paper, # 615, 50.0 cm, 25 µm, 100/ea, 10 ea/cs	\$144.50		\$1,300.50
	90-7491-06	Qualitative Filter Paper, # 1, 12.5 cm, 11 µm, 100/pk		\$17.03	
	90-7491-07	Qualitative Filter Paper, # 1, 15.0 cm, 11 µm, 100/pk		\$25.52	
	90-7503-06	Quantitative Filter Paper, Ashless, # 42, 12.5 cm, 2.5 µm, 100/pk		\$63.92	
	90-7503-07	Quantitative Filter Paper, Ashless, # 42, 15.0 cm, 2.5 µm, 100/pk		\$80.93	
	90-7503-08	Quantitative Filter Paper, Ashless, # 42, 18.5 cm, 2.5 µm, 100/pk		\$119.20	
	12-4596-05	Quantitative Filter Paper, Ashless, # 74, 12.5 cm, 2 µm, 100/bx, 40 bx/cs		\$48.16	\$1,733.76
	12-4596-06	Quantitative Filter Paper, Ashless, # 74, 15.0 cm, 2 µm, 100/pk, 40 pk/cs		\$60.57	\$2,180.52
	12-4597-05	Quantitative Filter Paper, Ashless, # 94, 12.5 cm, 1.5 µm, 100/ea, 40 ea/cs	\$48.16		\$1,733.76
	12-4597-06	Quantitative Filter Paper, Ashless, # 94, 15.0 cm, 1.5 µm, 100/pk, 40 pk/cs		\$60.57	\$2,180.52
	90-7515-99	Shark Skin Filter Paper, 34.0 cm, 8-12 µm, 100/pk		\$63.92	
	90-7515-12	Shark Skin Filter Paper, 38.5 cm, 8-12 µm, 100/pk		\$71.05	
	90-7515-14	Shark Skin Filter Paper, 50.0103 cm, 8-12 µm, 100/pk		\$78.07	

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Category	Catalog No.	Description	EA	PK	CS
Filters, Glass Fiber		Other sizes are available on our website			
	50-4601-61	Pall® Binder Free Glass Fiber Filter, 1.0 µm, 4.7 cm dia., 100/pk		\$70.08	
	90-7545-01	Whatman Grade 934-AH® Glass Microfiber Filter, Binder Free, 1.5 µm, 2.1 cm dia., 100/pk		\$24.75	
	90-7545-02	Whatman Grade 934-AH® Glass Microfiber Filter, Binder Free, 1.5 µm, 2.4 cm dia., 100/pk		\$25.50	
	90-7545-04	Whatman Grade 934-AH® Glass Microfiber Filter, Binder Free, 1.5 µm, 4.25 cm dia., 100/pk		\$39.00	
	90-7545-05	Whatman Grade 934-AH® Glass Microfiber Filter, Binder Free, 1.5 µm, 5.5 cm dia., 100/pk		\$45.75	
	90-7545-15	Whatman Grade 934-AH® Glass Microfiber Filter, Binder Free, 1.5 µm, 4.7 cm dia., 100/pk		\$44.00	
	90-7547-01	934-AH® Glass Microfiber Filter Media, Binderless, 1.5 µm, 2.1 cm dia., 100/pk		\$19.00	
	90-7547-07	934-AH® Glass Microfiber Filter Media, Binderless, 1.5 µm, 9.0 cm dia., 100/pk		\$73.75	
	90-7547-15	934-AH® Glass Microfiber Filter Media, Binderless, 1.5 µm, 4.7 cm dia., 100/pk		\$44.25	
	90-7546-01	161 Grade Glass Microfiber Filter, 1.1 µm, 2.1 cm dia., 100/pk		\$24.00	
	90-7546-02	161 Grade Glass Microfiber Filter, 1.1 µm, 2.4 cm dia., 100/pk		\$24.50	
	90-7546-15	161 Grade Glass Microfiber Filter, 1.1 µm, 4.7 cm dia., 100/pk		\$34.75	
Filtration, Water		Barnstead, See page — 16			
Flask, Erlenmeyer					
Glass, NM	90-7590-71	Flask, Pyrex® Erlenmeyer NM 125 mL, 12/pk, 48/cs	\$4.40	\$48.06	\$174.60
Glass, NM	90-7590-78	Flask, Pyrex® Erlenmeyer NM 250 mL, 12/pk, 48/cs	\$4.21	\$45.90	\$167.04
Glass, NM	90-7590-81	Flask, Pyrex® Erlenmeyer NM 500 mL, 6/pk, 36/cs	\$5.26	\$28.67	\$156.33
Glass, NM	90-7590-86	Flask, Pyrex® Erlenmeyer NM 1000 mL, 6/pk, 24/cs	\$8.54	\$46.58	\$169.38
Glass, NM	90-7590-88	Flask, Pyrex® Erlenmeyer NM 2000 mL, 8/cs	\$18.29		\$132.96
Glass, WM	90-7592-71	Flask, Pyrex® Erlenmeyer WM 125 mL, 12/pk, 48/cs	\$5.54	\$60.39	\$219.60
Glass, WM	90-7592-78	Flask, Pyrex® Erlenmeyer WM 250 mL, 12/pk, 48/cs	\$5.01	\$54.63	\$198.72
Glass, WM	90-7592-81	Flask, Pyrex® Erlenmeyer WM 500 mL, 6/pk, 36/cs	\$6.31	\$34.43	\$187.65
Glass, WM	90-7592-86	Flask, Pyrex® Erlenmeyer WM 1000 mL, 6/pk, 24/cs	\$10.64	\$58.01	\$210.96
Glass, WM	90-7592-88	Flask, Pyrex® Erlenmeyer WM 2000 mL, 8/cs	\$19.86		\$144.42
Flask, Filtering					
Glass	90-7620-78	Pyrex® Heavy-wall Filter Flask, w/Graduations, 250 mL, 6/pk, 18/cs	\$17.25	\$94.10	\$256.64
Glass	90-7620-81	Pyrex® Heavy-wall Filter Flask, w/Graduations, 500 mL, 6/pk, 18/cs	\$24.62	\$134.28	\$366.26
Glass	90-7620-86	Pyrex® Heavy-wall Filter Flask, w/Graduations, 1000 mL, 6/pk, 12/cs	\$46.00	\$250.92	\$456.21
Flask, Kjeldahl					
Glass	90-7617-05	Flask, Pyrex® Kjeldahl 500 mL, 6/pk, 24/cs	\$20.82	\$113.54	\$412.92
Glass	90-7617-07	Flask, Pyrex® Kjeldahl 800 mL, 6/pk, 18/cs	\$20.12	\$109.76	\$299.30
Flask, Volumetric					
Glass	90-7640-53	Flask, Pyrex® Volumetric Class A 50 mL, w/Standard Glass Stopper, 6/pk, 12/cs	\$30.01	\$163.71	\$297.63
Glass	90-7640-67	Flask, Pyrex® Volumetric Class A 100 mL, w/Standard Glass Stopper, 6/pk, 12/cs	\$32.03	\$174.69	\$317.61
Glass	90-7640-77	Flask, Pyrex® Volumetric Class A 200 mL, w/Standard Glass Stopper, 6/pk, 12/cs	\$36.99	\$201.78	\$366.84
Glass	90-7640-78	Flask, Pyrex® Volumetric Class A 250 mL, w/Standard Glass Stopper, 6/pk, 12/cs	\$39.88	\$217.49	\$395.46
Glass	90-7640-81	Flask, Pyrex® Volumetric Class A 500 mL, w/Standard Glass Stopper, 6/pk, 12/cs	\$49.54	\$270.23	\$491.31
Glass	90-7640-86	Flask, Pyrex® Volumetric Class A 1000 mL, w/Standard Glass Stopper, 1/pk, 6/cs		\$54.56	\$297.59

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Category	Catalog No.	Description	EA	PK	CS
Funnel, Büchner					
Polypropylene	12-7910-56	Nalgene™ PP Two-piece Büchner Funnel, ID 59 mm, 1/pk, 8/cs		\$11.83	\$86.00
Polypropylene	12-7910-61	Nalgene™ PP Two-piece Büchner Funnel, ID 76 mm, 1/pk, 6/cs		\$15.09	\$82.32
Polypropylene	12-7910-65	Nalgene™ PP Two-piece Büchner Funnel, ID 93 mm, 1/pk, 4/cs		\$25.61	\$93.12
Polypropylene	12-7910-69	Nalgene™ PP Two-piece Büchner Funnel, ID 130 mm, 1/pk, 4/cs		\$36.85	\$134.00
Polypropylene	12-7910-74	Nalgene™ PP Two-piece Büchner Funnel, ID 172 mm, 1/pk, 4/cs		\$46.20	\$168.00
Porcelain	90-8020-01	Coors® Porcelain Büchner Funnel, ID 15 mm, 12/cs	\$28.62		\$309.10
Porcelain	90-8020-02	Coors® Porcelain Büchner Funnel, ID 43 mm, 12/cs	\$27.59		\$297.97
Porcelain	90-8020-03	Coors® Porcelain Büchner Funnel, ID 63 mm	\$32.79		
Porcelain	90-8020-05	Coors® Porcelain Büchner Funnel, ID 83 mm, 6/cs	\$43.12		\$232.85
Porcelain	90-8020-06	Coors® Porcelain Büchner Funnel, ID 100 mm, 4/cs	\$56.03		\$201.71
Porcelain	90-8020-07	Coors® Porcelain Büchner Funnel, ID 114 mm, 4/cs	\$69.80		\$251.28
Porcelain	90-8020-08	Coors® Porcelain Büchner Funnel, ID 126 mm, 2/cs	\$94.80		\$170.64
Porcelain	90-8020-09	Coors® Porcelain Büchner Funnel, ID 151 mm	\$129.29		
Porcelain	90-8020-10	Coors® Porcelain Büchner Funnel, ID 185 mm, 2/cs	\$226.30		\$407.34
Porcelain	90-8020-11	Coors® Porcelain Büchner Funnel, ID 253 mm, 1/cs			\$344.77
Funnel, Fluted					
Glass, Long Stem	90-8000-60	Funnel, Pyrex® Fluted Funnel, Long Stem 65 mm, 12/cs	\$12.02		\$131.04
Glass, Long Stem	90-8000-62	Funnel, Pyrex® Fluted Funnel, Long Stem 75 mm, 12/cs	\$11.60		\$126.45
Glass, Short Stem	90-8005-53	Funnel, Pyrex® Fluted Funnel, Short Stem 50 mm, 12/pk, 48/cs	\$9.39	\$102.51	\$372.60
Glass, Short Stem	90-8005-60	Funnel, Pyrex® Fluted Funnel, Short Stem 65 mm, 12/pk, 48/cs	\$10.49	\$114.39	\$415.80
Glass, Short Stem	90-8005-62	Funnel, Pyrex® Fluted Funnel, Short Stem 75 mm, 12/pk, 48/cs	\$11.33	\$123.66	\$449.64
Glass, Short Stem	90-8005-67	Funnel, Pyrex® Fluted Funnel, Short Stem 100 mm, 6/pk, 24/cs	\$14.66	\$79.97	\$290.70
Polypropylene	12-7762-01	Nalgene® PP Fluted Funnel, 34 mm, 12/pk, 36/cs	\$3.67	\$39.96	\$109.08
Polypropylene	12-7762-15	Nalgene® PP Fluted Funnel, 48 mm, 12/pk, 36/cs	\$3.86	\$42.12	\$114.84
Polypropylene	12-7762-02	Nalgene® PP Fluted Funnel, 55 mm, 12/pk, 36/cs	\$4.01	\$43.68	\$119.16
Polypropylene	12-7762-03	Nalgene® PP Fluted Funnel, 66 mm, 12/pk, 36/cs	\$4.74	\$51.72	\$141.12
Polypropylene	12-7762-04	Nalgene® PP Fluted Funnel, 77 mm, 6/pk, 36/cs	\$6.66	\$36.30	\$198.00
Polypropylene	12-7762-06	Nalgene® PP Fluted Funnel, 104 mm, 4/pk, 24/cs	\$9.53	\$34.68	\$189.12
Polypropylene	12-7762-07	Nalgene® PP Fluted Funnel, 158 mm, 2/pk, 12/cs	\$23.20	\$42.18	\$230.04
Funnel, Separatory					
Glass	12-8178-81	Pyrex® Squibb Separatory Funnel, # 4 PTFE Stopcock, # 27 Standard Taper Stopper, 500 mL, 4/cs	\$119.05		\$432.90
Glass	12-8178-86	Pyrex® Squibb Separatory Funnel, # 4 PTFE Stopcock, # 27 Standard Taper Stopper, 1 L, 1/cs			\$151.99
Glass	12-8178-88	Pyrex® Squibb Separatory Funnel, # 6 PTFE Stopcock, # 38 Standard Taper Stopper, 2 L, 1/cs			\$218.46
Funnel, Support					
	92-1355-01	Funnel Support, 4-place, Wood with Metal Clamp for Support Stand	\$28.00		
Furnaces					
See pages — 21-22					
G					
Gloves, Latex					
	90-9256-12	High Five, E-Grip®, P.F. Latex, S, 100/pk, 10-pk/cs		\$15.52	\$139.71
	90-9256-13	High Five, E-Grip®, P.F. Latex, M, 100/pk, 10-pk/cs		\$15.52	\$139.71
	90-9256-14	High Five, E-Grip®, P.F. Latex, L, 100/pk, 10-pk/cs		\$15.52	\$139.71
	90-9256-15	High Five, E-Grip®, P.F. Latex, XL, 100/pk, 10-pk/cs		\$15.52	\$139.71
	90-9257-01	MicroFlex DiamondGrip+® Premium Latex, P.F.,XS, 100/pk, 10-pk/cs		\$17.05	\$153.49
	90-9257-02	MicroFlex DiamondGrip+® Premium Latex, P.F.,S, 100/pk, 10-pk/cs		\$17.05	\$153.49

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Category	Catalog No.	Description	EA	PK	CS
	90-9257-03	MicroFlex DiamondGrip+® Premium Latex, P.F., M, 100/pk, 10-pk/cs		\$17.05	\$153.49
	90-9257-04	MicroFlex DiamondGrip+® Premium Latex, P.F., L, 100/pk, 10-pk/cs		\$17.05	\$153.49
	90-9257-05	MicroFlex DiamondGrip+® Premium Latex, P.F., XL, 100/pk, 10-pk/cs		\$17.05	\$153.49
	MIF-SY911-S	MicroFlex Synetron® Easy-on, Latex, P.F., S, 50/pk, 10-pk/cs		\$23.32	\$209.88
	MIF-SY911-M	MicroFlex Synetron® Easy-on, Latex, P.F., M, 50/pk, 10-pk/cs		\$23.32	\$209.88
	MIF-SY911-LG	MicroFlex Synetron® Easy-on, Latex, P.F., L, 50/pk, 10-pk/cs		\$23.32	\$209.88
	MIF-SY911-XL	MicroFlex Synetron® Easy-on, Latex, P.F., XL, 50/pk, 10-pk/cs		\$23.32	\$209.88
Gloves, Nitrile					
	90-9248-93	MicroFlex Supreno® P.F. Nitrile, S, 100/pk, 10-pk/cs		\$19.67	\$177.01
	90-9248-95	MicroFlex Supreno® P.F. Nitrile, M, 100/pk, 10-pk/cs		\$19.67	\$177.01
	90-9248-97	MicroFlex Supreno® P.F. Nitrile, L, 100/pk, 10-pk/cs		\$19.67	\$177.01
	90-9248-99	MicroFlex Supreno® P.F. Nitrile, XL, 100/pk, 10-pk/cs		\$19.67	\$177.01
	90-9259-93	Kimberly-Clark SafeSkin®, P.F. Nitrile, S, 100/pk, 10-pk/cs		\$16.06	\$144.54
	90-9259-95	Kimberly-Clark SafeSkin®, P.F. Nitrile, M, 100/pk, 10-pk/cs		\$16.06	\$144.54
	90-9259-97	Kimberly-Clark SafeSkin®, P.F. Nitrile, L, 100/pk, 10-pk/cs		\$16.06	\$144.54
	90-9259-99	Kimberly-Clark SafeSkin®, P.F. Nitrile, XL, 90/pk, 10-pk/cs		\$16.06	\$144.54
	90-9256-52	High Five, Premium Nitrile, P.F., S, 100/pk, 10-pk/cs		\$14.52	\$130.68
	90-9256-53	High Five, Premium Nitrile, P.F., M, 100/pk, 10-pk/cs		\$14.52	\$130.68
	90-9256-54	High Five, Premium Nitrile, P.F., L, 100/pk, 10-pk/cs		\$14.52	\$130.68
	90-9256-55	High Five, Premium Nitrile, P.F., XL, 100/pk, 10-pk/cs		\$14.52	\$130.68
	90-9256-75	High Five, A+ Aloe® Nitrile, P.F., M, 100/pk, 10-pk/cs		\$23.23	\$209.09
	90-9256-76	High Five, A+ Aloe® Nitrile, P.F., L, 100/pk, 10-pk/cs		\$23.23	\$209.09
	90-9256-77	High Five, A+ Aloe® Nitrile, P.F., XL, 100/pk, 10-pk/cs		\$23.23	\$209.09
	90-9256-51	High Five, A+ Aloe® Nitrile, P.F., 2XL, 100/pk, 10-pk/cs		\$23.23	\$209.09
Graduated Cylinder		See Cylinder, Graduated page — 76			
H					
Hot Plate		Corning, Thermo Scientific, etc. See pages — 23-24			
Hot Plate, Stirring		See page — 24			
I					
Imhoff Cones					
Cone	92-2660-86	Nalgene™ Polycarbonate Imhoff Settling Cone, 1/pk, 4/cs		\$43.18	\$157.00
Rack	92-2661-02	Poxygrid® 4-Place Imhoff Cone Support Rack	\$82.95		
Incubators		See page — 25			
J					
Jar Tester		Phipps & Bird, See page — 26			
K					
Kimwipes®					
	91-2400-18	Kimwipes® Disposable Delicate Task Wipes, 4.4" x 8.4", 280/pk, 60 pk/cs		\$4.75	\$236.52
	91-2400-69	Kimwipes® Disposable Delicate Task Wipes, 11.8" x 11.8", 196/pk, 15 pk/cs		\$15.00	\$225.01
	91-2400-78	Kimwipes® Disposable Delicate Task Wipes, 14.7" x 16.6", 140/pk, 15 pk/cs		\$11.50	\$138.00
Kjeldahl/Ammonia		See page — 26			
Kjeldahl Distillation					
Connecting Bulb	90-6387-05	Kjeldahl Glass Connecting Bulb, 6/PK		\$415.00	
Delivery Tube	LCN-21288	Kjeldahl Glass Distillation Delivery Tubes, 6/PK		\$175.00	
Flask Stoppers	90-6387-09	Rubber Stoppers for 800 mL Kjeldahl Flasks, 12/pK		\$61.87	
L, M					
Magnetic Stirrer		See pages — 56-57			

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Category	Catalog No.	Description	EA	PK	CS
Magnetic Stirrer/Hotplate		See page — 24			
Membrane Filter Funnel					
Plastic, Magnetic	90-7461-18	Polyphenylsulfone, Magnetic Filter Funnel , for 47mm filter, 150 mL	\$348.86		
Plastic, Magnetic	90-7461-21	Polyphenylsulfone, Magnetic Filter Funnel , for 47mm filter, 300 mL	\$316.57		
Plastic, Magnetic	90-7461-31	Polyphenylsulfone, Magnetic Filter Funnel , for 47mm filter, 500 mL	\$419.44		
Glass	90-7461-04	Borosilicate Glass Filter Funnel with clamp, for 47mm filter, 300 mL	\$298.02		
Stainless Steel	90-7461-03	Stainless Steel Parabola Filter Funnel, Twist-lock, for 47mm filter, 1000mL	\$1,987.84		
Membrane Filter					
	90-7466-01	White MCE Membrane Filter With Grid, Sterile w/o pad, 0.45µm, 47mm, 100/Pk		\$37.50	
	90-7466-03	White MCE Membrane Filter With Grid, Sterile w/o pad, 0.45µm, 47mm, 200/Pk		\$93.00	
	90-7466-02	White MCE Membrane Filter With Grid, Sterile w/o pad, 0.45µm, 47mm, 1000/Pk		\$310.00	
	90-7466-16	White MCE Membrane Filter With Grid, Sterile with pad, 0.45µm, 47mm, 100/Pk		\$90.00	
	12-4530-24	White Cellulose Nitrate Mem. Filter, Plain, Non-Sterile w/o pad, 0.45µm, 47mm, 100/Pk		\$148.75	
	NAL-205-4045	White Cellulose Nitrate Mem. Filter, Grid, Sterile w/o pad, 0.45µm, 47mm, 100/cs			\$157.00
	90-7464-02	GN-6 Metrical® MCE Mem. Filter, Grid, Sterile, w/o pad, 0.45µm, 47mm, 200/ea, 5 ea/pk, 10 ea/cs	\$144.83	\$724.15	\$1,448.30
Microscopes		See pages — 27-40			
Microscope Accessories			PK	GR	CS
Cover Glass	13-4026-02	Microscope Cover Glass 22mm x 22mm #1 thickness (0.14mm) 1 oz/pk, 10 oz/cs	\$5.80		\$52.20
Cover Glass	13-4026-05	Microscope Cover Glass 22mm x 22mm #1.5 thickness (0.175mm) 10 oz/cs			\$29.00
Glass Slide	13-3990-51	Microscope slides, Frosted on 1 end, 3 x 1", 1mm thick, 72/pk, 2 pk/gr, 20pk/cs	\$13.20	\$25.08	\$237.60
Glass Slide	13-3990-52	Microscope slides, Non-frosted, 3 x 1", 1mm thick, 72/pk, 2 pk/gr, 20pk/cs	\$15.53	\$29.51	\$139.77
Glass Slide	13-3990-04	Microscope slides, Non-frosted, 3 x 1", 1.2mm thick, 144/ea, 20 ea/cs	\$72.79		\$1,310.22
Glass Slide	13-3990-21	Microscope slides, Non-frosted, 3 x 1", 1mm thick, 72/pk, 2 pk/gr, 20pk/cs	\$20.19	\$38.36	\$363.42
			EA	PK	CS
Immersion Oil	13-3805-12	Immersion Oil, Type A, Low Viscosity, 150cSt, ±10% @ 23°C, 1 oz.	\$18.96		
Immersion Oil	13-3806-35	Immersion Oil, Type B, High Viscosity, 1250cSt, ±10% @ 23°C, 16 oz.	\$92.97		
Lens Paper	13-5135-01	Lens Paper, 4"x 6", Non-abrasive Cleaning, 50 sheets/ea, 10/pk	\$5.75	\$54.63	
Slide Box	13-4225-01	Lens Box, Polypropylene, f/25 3"x1" slides, Numbered slots, 144/cs	\$14.96		\$1,938.82
Multiparameter Meters		See pages — 14, 44-47, 48-49			
N, O					
Ovens		See pages — 41-42			
P					
Pen, Marking					
	91-2502-01	Sharpie® Industrial Marker, Fine Point, Black Permanent Ink	\$3.10	\$37.20	
Petri Dish					
Disposable	90-5947-01	Sterile Disposable Plastic Petri dish, w/pad, 50 mm x 9 mm, 100/pk, 10 pk/cs		\$54.46	\$490.14
Disposable	90-5945-01	Sterile Disposable Plastic Petri dish, w/o pad, 50 mm x 9 mm, 100/pk		\$57.37	

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Category	Catalog No.	Description	EA	PK	CS
Disposable	90-5945-02	Sterile Disposable Plastic Petri dish, w/o pad, 50 mm x 9 mm, 500/pk		\$215.20	
Disposable	90-7466-76	Sterile Disposable Polystyrene Petri dish w/pad, for 47 mm filter, 100/pk		\$39.30	
Disposable	90-7466-75	Sterile Disposable Polystyrene Petri dish w/o pad, for 47 mm filter, 100/pk		\$34.00	
Disposable	90-7466-78	Sterile Disposable Polystyrene Petri dish w/pad, for 47 mm filter, 500/pk		\$177.00	
Disposable	90-7466-77	Sterile Disposable Polystyrene Petri dish w/o pad, for 47 mm filter, 500/pk		\$144.30	
Disposable	90-5942S-01	Sterile Disposable Polystyrene Petri dish, 100 mm x 15 mm, 500/cs			\$110.00
pH Electrode Holder					
	21-2448-09	Swing Arm Electrode Holder, f/4 12mm and 1 16mm dia. Electrodes, Weighted Base	\$201.60		
pH Meters					
See pages — 43-50					
Photometer					
See page — 51					
pH Paper					
	13-5480-09	Hydriion® Jumbo Insta-Chek Dispenser 0-13 pH, 1/2" x 600" roll, Approx. 150 tests, 10 rl/pk	\$11.07	\$110.70	
	91-2570-02	mColorpHast™ pH Test Strips, 0-14 pH, 100 strips/pk, 6 pks/cs		\$29.27	\$158.06
	91-2571-02	pH-Fix 0-14 Indicator Strips, Non-bleeding, 100/pk, 10pks/cs		\$21.29	\$191.61
	91-2571-04	pH-Fix 4.5-10 Indicator Strips, Non-bleeding, 100/pk		\$24.91	
	91-2580-03	Hydriion® Wide Range pH Paper, S/R Dispenser, 1-12 pH, 15 ft. ea roll, Approx 100 tests, 10/pk	\$5.40	\$54.00	
	91-2581-01	Hydriion® Short Range pH Paper, S/R Dispenser, 0.0-3.0 pH, 15 ft. ea roll, Approx 100 tests, 10/pk	\$5.40	\$54.00	
	91-2581-03	Hydriion® Short Range pH Paper, S/R Dispenser, 1.0-2.5 pH, 15 ft. ea roll, Approx 100 tests, 10/pk	\$5.40	\$54.00	
	91-2585-01	Hydriion® Jumbo Dispenser 0-12 pH, 1/2" x 50 ft. ea roll, Approx. 300 tests/ 10/cs	\$11.07		\$99.63
Pipet Aid					
	13-7338-01	Safety Bulb Pipet Filler with Wrist cord for small and Large pipets, 3/Pk	\$7.97	\$23.91	
	13-7339-01	Vikem® Vinyl Pipette Aid, with PE pipette chuck, 6/PK		\$45.75	
	91-3831-01	Natural Rubber 3-valve Pipet Bulb, Autoclavable, Black	\$34.49		
	91-3831-02	Natural Rubber 3-valve Pipet Bulb, Autoclavable, Red	\$34.49		
	91-3831-03	Natural Rubber 3-valve Pipet Bulb, Autoclavable, Green	\$34.49		
	91-3831-04	Natural Rubber 3-valve Pipet Bulb, Autoclavable, Blue	\$34.49		
	91-3830-01	Natural Rubber Safety Pipette Filler, 3-valves, for up to 50 mL pipet, Black	\$24.72		
	91-3830-02	Natural Rubber Safety Pipette Filler, 3-valves, for up to 50 mL pipet, Red	\$24.72		
	91-3830-03	Natural Rubber Safety Pipette Filler, 3-valves, for up to 50 mL pipet, Green	\$24.72		
	91-3830-04	Natural Rubber Safety Pipette Filler, 3-valves, for up to 50 mL pipet, Blue	\$24.72		
	91-3830-06	Natural Rubber Safety Pipette Filler, 3-valves, for up to 50 mL pipet, Multi-color	\$33.77		
Pipet Serological					
Glass	91-3765-24	Pyrex® Disposable, Sterile, Plugged, Serological Pipet, TD, 1 mLx0.1 mL 200/pk, 4 pk/cs		\$86.48	\$314.46
Glass	91-3765-33	Pyrex® Disposable, Sterile, Plugged, Serological Pipet, TD, 5 mLx0.1 mL 120/pk, 6 pk/cs		\$73.37	\$400.19
Glass	91-3765-38	Pyrex® Disposable, Sterile, Plugged, Serological Pipet, TD, 10 mLx0.1 mL 100/pk, 6 pk/cs		\$67.19	\$366.48
Glass	13-6564-34	Kimax® Disposable, Non-sterile, Non-plugged, Sero. Pipet, TD 1 mL x 0.1 mL 1000/cs			\$390.15
Plastic	13-6560-50	Polystyrene, Sterile, Plugged, Serological Pipet, TD, 10 mL, I. W., 200/cs			\$52.10

See complete item description/picture: www.preiser.com

Frequently Purchased Laboratory Equipment and Supply Essentials Index

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Category	Catalog No.	Description	EA	PK	CS
Plastic	13-6560-51	Polystyrene, Sterile, Plugged, Serological Pipet, TD, 25 mL, I. W., 100/cs	\$0.56		\$50.40
Plastic	13-6627-01	Sterile, Color Coded Plastic Serological Pipet, 10 mL, I.W. 200/cs			\$112.70
Pipet, Transfer					
Non-Sterile	13-5950-03	Safe-T-Pette® Transfer Pipets, 3.5 mL w/1 mL draw, Graduated, Non-Ster. 500/pk, 10 pk/cs		\$15.95	\$143.55
Non-Sterile	13-5950-07	Samco™ Graduated Transfer Pipet, 4.8 mL w/1.8 mL draw, Non-Ster. 500/pk, 10 pk/cs		\$42.10	\$379.01
Non-Sterile	SMN-263-01	Samco™ Graduated Extra Long Transfer Pipet, 23.0 mL, Non-Ster, 100/pk, 10 pk/cs		\$44.90	\$404.10
Non-Sterile	13-5930G-05	Transfer Pipet, Large-bulb, 7.0 mL w/3.2 mL draw, Non-Ster. 500/pk, 10 pk/cs		\$16.38	\$147.42
Non-Sterile	91-3823-12	Transfer Pipet, Large-bulb, 8.0 mL w/4.6 mL draw, Non-Sterile, 400/pk, 10 pks/cs		\$19.34	\$174.06
Non-Sterile	GLB-138090	Transfer Pipet, Large-opening, 8.5 mL w/4.9 mL draw, Non-Sterile, 2500/cs			\$142.00
Non-Sterile	13-5950-01	Samco™ Gen.Purpose Transfer Pipet, 7.7 mL w/3.2 mL draw, Non-Ster. 500/pk, 10 pks/cs		\$51.83	\$466.32
Non-Sterile	13-5950-04	Samco™ Fine-Tip Transfer Pipet, 5.8 mL w/3.3 mL draw, Non-Ster. 500/pk, 10 pks/cs		\$150.55	\$1,355.08
Non-Sterile	13-5950-10	Samco™ Gen.Purpose Transfer Pipet, 5 mL w/1.9 mL draw, Non-Ster. 500/pk, 10 pks/cs		\$29.56	\$266.09
Non-Sterile	13-5950-06	Samco™ Extra Long Transfer Pipet, 6 mL w/2.3 mL draw, Non-Ster. 400/pk, 10 pks/cs		\$54.25	\$488.33
Non-Sterile	X117-259	Samco™ Graduated Transfer Pipet, 3.9 mL w/2.2 mL draw, Non-Ster. 500/pk, 10 pks/cs		\$30.67	\$275.99
Sterile	13-5950-98	Transfer Pipet, Large-bulb, 7.0 mL w/3.2 mL draw, Sterile, I.W. 400/cs			\$29.30
Sterile	13-5950-99	Transfer Pipet, Small-bulb, 3.0 mL w/2.2 mL draw, Sterile, I.W. 400/cs			\$29.20
Pipet, Volumetric					
Glass	91-3790-12	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 1 mL, 12/cs	\$9.65		\$105.30
Glass	91-3790-17	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 2 mL, 12/cs	\$10.75		\$117.27
Glass	91-3790-23	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 5 mL, 12/cs	\$9.65		\$105.30
Glass	91-3790-28	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 10 mL, 12/cs	\$10.75		\$117.27
Glass	91-3790-39	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 20 mL, 12/cs	\$15.71		\$171.36
Glass	91-3790-42	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 25 mL, 12/cs	\$16.80		\$183.24
Glass	91-3790-53	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 50 mL, 12/cs	\$22.10		\$241.11
Glass	91-3790-67	Pyrex® Volumetric Pipet, Class A, Reusable, Color Coded, 100 mL, 12/cs	\$31.31		\$341.55
Pipet Washer/Rinser					
	91-3824-01	Nalgene™ HDPE Pipet Washer/Rinser F/16" and 24" Pipets, 1/pk, 4/cs		\$454.58	\$1,653.00
	91-3826-01	Nalgene™ HDPE Pipet Basket F/24" Pipets, 1/pk, Use w/Washer/Rinser		\$251.00	
Pipettor					
	91-3836-30	EX Pipette, 1000-10,000 µL, Autoclavable	\$462.80		
	13-6891-06	Transferpette® S Single Channel Pipette, 100-1000 µL, Autoclavable	\$311.00		
	91-3836-10	Nichipet® EX II Digital Micro Pipet, 1000-10,000 µL, Autoclavable	\$336.97		
	91-3836-53	MicroPette™ Plus Single Channel Digital Pipette, 500-5000 µL, Autoclavable	\$235.00		

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
Pipettor, Tips					
	13-7119-55	Eppendorf epT.I.P.S.® Pipet Tips, 1000 to 10000 µL, 200/pk		\$66.18	
	91-3837-74	Universal Pipette Tip, 100-1000 µL, Racked, 5 racks of 200/PK		\$33.10	
	13-7127-08	Standard Sealtip 'L' Tip Bulk, Natural, 1000-5000µL 100/pk		\$37.36	
	91-3837-11	1-10 mL Tips, Clear, Bulk, 200/pk		\$56.02	
	91-3837-13	Finntip™ Pipet Tips, PE, Autoclavable, 1-10 mL, 100/bag		\$40.31	
Pump, Vacuum		Gast, Welch, See page — 61			
Q, R					
Reverse Osmosis System		See page — 52			
S					
Safety					
Faceshield	13-9651-01	OSHA approved Nalgene Faceshield, 4/cs	\$103.40		\$376.00
Goggles	91-4770-01	Indirect Vent, Anti-fog Safety Goggles	\$28.98		
Eyewash	90-2393-35	Single Eye Wash Station, w/16 oz. Bottle	\$43.65		
Eyewash	90-2393-46	Single Eye Wash Station, w/32 oz. Bottle	\$47.30		
Eyewash	13-9634-66	Double Eye Wash Station, w/2x32 oz Bottles	\$57.65		
First Aid Kit	13-9509-01	First Aid Kit, 25 Person, Metal Case	\$74.96		
First Aid Kit	91-4670-01	First Aid Kit, 150 Person, Metal Case w/2 Latches	\$284.72		
Safety Shower/Eyewash	13-9600-03	Water Saver™ Shower and Eyewash Station, 10 1/2" Shower Head, 11 1/2" Eyewash Bowl w/2 Heads	\$1,048.96		
Spill Kit	91-4688-02	Saf-T-Spill™ Kit, Acid, w/neutralizer, goggles, gloves, brush & bags, 4/cs	\$885.83		\$2,362.20
Spill Kit	BKR-4446-02	Saf-T-Spill™ Kit, Caustic, w/neutralizer, goggles, gloves, brush & bags	\$434.40		
Samplers, Manual					
	NAS-B01229WA	Sludge Nabber, 4-6.5 ft aluminum pole and 500 mL sample bottle	\$65.50		
	90-1314-01	Water Scoop, 18" handle with clamps for Whirl-pak® bags	\$12.60		
Settleometer					
	22-4971-11	Settleometer, Acrylic, to 1000 mL or 100% Graduations, Stirring Paddle & Lid	\$73.75		
	22-4972-01	Nalgene™ Settleometer Kit, 2 L jar, Paddle, Centrifuge Tubes, Lid, 1/pk, 4 pk/cs		\$201.03	\$731.00
Sludge Judge					
	Z91-6208-01	15' Sludge Judge Sampler, 1" ID x 1/8" Wall, 3 Sections w/Heavy Duty Check Valve	By Quote		
	Z91-6209-01	15' Sludge Judge Sampler, 1" ID x 1/8" Wall, 3 Sections w/Standard Check Valve	By Quote		
Spatulas/Spoon					
	14-1885-34	Ellipso-Spoon® sampler, 304 grade S/S, Offset Spoon end/Spatula end, 15 cm	\$25.00		
	14-1885-39	Ellipso-Spoon® sampler, 304 grade S/S, Offset Spoon end/Spatula end, 21 cm	\$27.60		
	14-1585-01	Spatula, Stainless Steel, Semi-Micro, 50 x 9 mm Spoon Bowl, 45 x 9mm Spatula, 22 cm length, 3/pk, 12/cs	\$14.57	\$41.52	\$157.36
	91-9185-25	Scoopula 6 1/2" Stainless Steel, Laboratory Scoop/Spatula, 12/pk	\$7.62	\$86.87	
	91-9190-01	MicroSpoon, 9" Stainless Steel, One End Flat/One End Spoon, 3/pk	\$17.81	\$50.76	
	14-1580-01	Micro Spatula, 8" Stainless Steel, One End Rounded/One End Tapered, 12/pk	\$15.59	\$177.73	
Spectrophotometers		See pages — 53-54			
Stirrer, Magnetic		See pages — 56-57			
Stirrer, Paddle		See page — 26			
Stirring Bar					
	92-1439-27	Octagonal Magnetic Stir Bar, PTFE, 5/16 x 1/2", w/molded-in pivot ring, 12/cs	\$3.60		\$38.88

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(Mark your choices for a quick reference for ordering)

Category	Catalog No.	Description	EA	PK	CS
	92-1439-40	Octagonal Magnetic Stir Bar, PTFE, 5/16 x 1", w/ molded-in pivot ring, 12/cs	\$3.86		\$41.69
	92-1439-55	Octagonal Magnetic Stir Bar, PTFE, 5/16 x 1 1/2", w/molded-in pivot ring, 12/cs	\$4.36		\$47.09
	92-1439-70	Octagonal Magnetic Stir Bar, PTFE, 5/16 x 2", w/molded-in pivot ring, 12/cs	\$5.44		\$58.75
	92-1439-56	Octagonal Magnetic Stir Bar, PTFE, 3/8 x 1 1/2", w/molded-in pivot ring, 12/cs	\$5.70		\$61.56
	92-1439-71	Octagonal Magnetic Stir Bar, PTFE, 3/8 x 2", w/molded-in pivot ring, 12/cs	\$7.73		\$83.48
	22-2598-26	Octagon Spinbar® Magnetic Stir Bar, 1/8" x 1/2"	\$4.40		
	22-2612-38	Polygon Spinbar® Magnetic Stir Bar, 3/8" x 7/8"	\$6.20		
	22-2612-41	Polygon Spinbar® Magnetic Stir Bar, 3/8" x 1"	\$6.45		
	92-1439-37	Octagon Spinbar® Magnetic Stir Bar, 5/16" x 7/8" w/built-in pivot ring	\$5.15		
Stirring Bar Retriever					
	92-1435-30	Spinbar® Magnetic Retriever, 12"	\$14.85		
	92-1435-37	Spinbar® Magnetic Retriever, 18"	\$17.20		
Stirring Hot Plate					
See page — 24					
Stirring Rods					
	92-1443-02	Kimax® Stirring Rods, Rounded Ends, Borosilicate Glass, 5mm dia. x 150mm long, 100/pk, 800/cs	\$0.75	\$71.25	\$540.00
	92-1443-03	Kimax® Stirring Rods, Rounded Ends, Borosilicate Glass, 5mm dia. x 200mm long, 100/pk, 600/cs	\$0.63	\$59.85	\$340.20
	92-1443-04	Kimax® Stirring Rods, Rounded Ends, Borosilicate Glass, 5mm dia. x 250mm long, 100/pk, 600/cs	\$1.11	\$105.45	\$599.40
Stool, Step					
	80-5130-06	Kik-Step® Step Stool, Black, Retractable Casters, 500 lb. Capacity	\$161.33		
Stopper, Rubber					
For other options, check our website or customer service					
	92-1485-02	Stopper, Black Rubber, Solid, # 00, 1 lb/pk, (approx. 106/pk)		\$35.10	
	92-1485-08	Stopper, Black Rubber, Solid, # 5, 1 lb/pk, (approx. 28/pk)		\$25.55	
	92-1485-10	Stopper, Black Rubber, Solid, # 6, 1 lb/pk, (approx. 21/pk)		\$42.14	
	92-1485-12	Stopper, Black Rubber, Solid, # 7, 1 lb/pk, (approx. 15/pk)		\$44.64	
	92-1485-22	Stopper, Black Rubber, Solid, # 12, 1 lb/pk, (approx. 5/pk)		\$54.19	
	92-1486-08	Stopper, Black Rubber, 1-Hole, # 5, 1 lb/pk, (approx. 29/pk)		\$49.94	
	92-1486-14	Stopper, Black Rubber, 1-Hole, # 8, 1 lb/pk, (approx. 12/pk)		\$55.00	
T					
Temperature Data Logger					
See page — 58					
Test Tube					
	14-8552-10	Test Tube, Polystyrene, Round Bottom, Multipurpose, 13 x 100 mm, 8 mL, Clear, 1000/pk, 2000/cs		\$70.58	\$127.04
	14-8553-27	Test Tube, Polypropylene Copolymer, Round Bottom, Multipurpose, 17 x 100 mm, 16 mL, Natural, 1000/cs			\$76.23
	STK-8584-01	Test Tube, Polypropylene, Round Bottom, Multipurpose, 16 x 100 mm, 14 mL, Natural, 1000/cs			\$64.08
	14-8300-02	Pyrex® Test Tube, Beaded Rim, Round Bottom, Reusable, White Marking Spot, 12 x 75 mm, 5 mL, 72/pk, 720/cs	\$0.46	\$29.70	\$270.00
	14-8300-05	Pyrex® Test Tube, Beaded Rim, Round Bottom, Reusable, White Marking Spot, 15 x 125 mm, 14 mL, 72/pk, 720/cs	\$0.65	\$42.12	\$383.40
	14-8300-06	Pyrex® Test Tube, Beaded Rim, Round Bottom, Reusable, White Marking Spot, 16 x 150 mm, 20 mL, 72/pk, 576/cs	\$0.68	\$44.82	\$324.00
	14-8300-07	Pyrex® Test Tube, Beaded Rim, Round Bottom, Reusable, White Marking Spot, 18 x 150 mm, 27 mL, 72/pk, 576/cs	\$0.82	\$53.46	\$388.80
	90-4810-01	Test Tube Cuvette, Spectrophotometer Cell, 13 x 100 mm, 12.7mm Pathlength, 12/pk		\$75.00	
	90-4810-02	Test Tube Cuvette, Spectrophotometer Cell, 19 x 150 mm, 19.05mm Pathlength, 12/pk		\$114.75	

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Category	Catalog No.	Description	EA	PK	CS
Test Tube Rack					
	92-1354-02	No Wire™ Autoclavable Test Tube Rack, White, Holds 21 x 30 mm Tubes, 9.7"x4.1"x2.5"	\$19.65		
	92-1354-03	No Wire™ Autoclavable Test Tube Rack, Red, Holds 60 x 16 mm Tubes, 9.7"x4.1"x2.5"	\$19.65		
Thermometers					
	92-1532-04	Thermometer, Autoclave, Max. Registering, Cert. @121°C, Armored Case	\$173.00		
	92-1532-07	Thermometer, Autoclave, Max. Registering, Cert. @121°C, Safety Coated	\$160.70		
	14-5000-04	Thermometer, Accu-Safe Bottle-Therm., Refrigerator -5 to 15°C 0.5° div. Glycol/Water	\$84.89		
	92-1537-03	Thermometer, Durac® Plus Total Imm., Cert. every 10°, -1 to 101°C, 0.1° div., Non-Hg	\$513.70		
	14-5000-06	Thermometer, Accu-Safe Bottle-Therm., Oven 20 to 130°C 1° div. Sand	\$65.40		
	14-5930-05CERT	Thermometer, Coliform 34.5 to 46°C, 0.1° div, Part. Imm. Certified @ 44.5°C Non-Hg.	\$317.98		
	14-4556-01	Thermometer, Double Scale, Glass w/Mercury, -20 to 110°C/ 0 to 230°F, 1°C/2°F div.	\$35.60		
	92-1573-05	Thermometer, Digital-Bottle, Refrig/Incub, Traceable, C/F, -30 to 50°C, 0.1° Res., ±1.0°C Acc.	\$44.36		
	92-1763-01	Thermometer, Traceable® Digital, Full Scale, C/F, -20 to 250°C, ±1.0°C Acc.	\$52.31		
	22-3010-01	Thermometer, Traceable® Digital Big-Digit Dual Min/Max Mem., C/F, -50 to 70°C, ±1.0°C Acc.	\$47.44		
Data-logger	92-1532-11	HiTemp 135 Autoclave Temperature Data-logger, w/2 probes, Cert. @121°C, 140°C max ± 0.1°C	\$535.11		
Data-logger Dock	92-1532-12	Docking Station for HiTemp 135 w/USB Cable, Window® Compatible Software, & Manual	\$132.90		
Timer					
See pages — 58-59					
Tongs					
	92-1860-01	Nip-Tongs, Steel w/spring action, 12"	\$110.20		
	92-1860-02	Nip-Tongs, Steel w/spring action, 24"	\$119.28		
	92-1860-03	Nip-Tongs, Steel w/spring action, 36"	\$127.42		
	92-1830-01	Crucible Tongs, Stainless Steel, 9" w/Angled, Serrated Tips	\$14.56		
	14-6140-01	Crucible Tongs, Stainless Steel, 9 1/2" w/ Slightly-angled, Serrated Tips	\$32.31		
Tube, Culture					
	92-2260-54	Test Tube, Culture, Pyrex®, 16 x 100 mm, 15 mL, 250/pk, 4 pks/cs		\$25.65	\$93.27
	92-2262-16	Test Tube, Culture, Borosilicate Glass, 16 x 100 mm, 10 mL, 1000/cs			\$74.70
Tubing, Latex					
Check our website for many other sizes					
	92-2360-04	Tubing, Amber Latex, 3/16" I.D. x 1/16" Wall, 1'/ea, 10'/pk, 100'/cs	\$1.17	\$11.12	\$105.32
	92-2360-05	Tubing, Amber Latex, 3/16" I.D. x 3/32" Wall, 1'/ea, 10'/pk, 100'/cs	\$1.74	\$16.54	\$156.65
	92-2360-09	Tubing, Amber Latex, 1/4" I.D. x 1/16" Wall, 1'/ea, 10'/pk, 100'/cs	\$1.34	\$12.75	\$120.79
	92-2360-10	Tubing, Amber Latex, 1/4" I.D. x 3/32" Wall, 1'/ea, 10'/pk, 100'/cs	\$2.06	\$19.59	\$185.54
	92-2360-11	Tubing, Amber Latex, 1/4" I.D. x 1/8" Wall, 1'/ea, 12'/pk, 50'/cs	\$2.53	\$28.89	\$114.04
	92-2360-12	Tubing, Amber Latex, 1/4" I.D. x 3/16" Wall, 1'/ea, 12'/pk, 50'/cs	\$4.58	\$52.26	\$206.27
	92-2360-14	Tubing, Amber Latex, 5/16" I.D. x 1/16" Wall, 1'/ea, 10'/pk, 100'/cs	\$1.64	\$15.55	\$147.29
	92-2360-15	Tubing, Amber Latex, 5/16" I.D. x 3/32" Wall, 1'/ea, 10'/pk, 100'/cs	\$2.47	\$23.47	\$222.33

See complete item description/picture: www.preiser.com

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Category	Catalog No.	Description	EA	PK	CS
	92-2360-22	Tubing, Amber Latex, 3/8" I.D. x 1/8" Wall, 1'/ea, 12'/pk, 50'/cs	\$3.95	\$45.07	\$177.89
Tubing, PVC		Check our website for many other sizes			
	13-9100-01	Tubing, Clear, Flexible PVC, 1/8" I.D. x 1/4" O.D. x 1/16" Wall, 1'/ea, 100'/pk	\$0.11	\$10.45	
	13-9100-04	Tubing, Clear, Flexible PVC, 1/4" I.D. x 3/8" O.D. x 1/16" Wall, 1'/ea, 100'/pk	\$0.18	\$17.10	
	13-9100-07	Tubing, Clear, Flexible PVC, 5/16" I.D. x 7/16" O.D. x 1/16" Wall, 1'/ea, 100'/pk	\$0.22	\$20.90	
	13-9100-10	Tubing, Clear, Flexible PVC, 3/8" I.D. x 1/2" O.D. x 1/16" Wall, 1'/ea, 100'/pk	\$0.26	\$24.70	
	13-9100-29	Tubing, Clear, Flexible PVC, 1/2" I.D. x 3/4" O.D. x 1/8" Wall, 1'/ea, 100'/pk	\$0.75	\$71.25	
	13-9100-35	Tubing, Clear, Flexible PVC, 5/8" I.D. x 7/8" O.D. x 1/8" Wall, 1'/ea, 100'/pk	\$0.87	\$82.65	
	13-9100-40	Tubing, Clear, Flexible PVC, 3/4" I.D. x 1" O.D. x 1/8" Wall, 1'/ea, 100'/pk	\$1.01	\$95.95	
	13-9100-46	Tubing, Clear, Flexible PVC, 1" I.D. x 1-1/4" O.D. x 1/8" Wall, 1'/ea, 50'/pk	\$1.28	\$60.80	
	92-2346-10	Tubing, Clear, Flexible PVC, 3/16" I.D. x 5/16" O.D. x 1/16" Wall, 1'/ea, 50'/cs	\$1.84		\$83.50
	92-2346-14	Tubing, Clear, Flexible PVC, 1/4" I.D. x 3/8" O.D. x 1/16" Wall, 1'/ea, 50'/cs	\$2.40		\$109.00
	92-2346-27	Tubing, Clear, Flexible PVC, 1/2" I.D. x 5/8" O.D. x 1/16" Wall, 1'/ea, 10'/pk, 50'/cs	\$4.21	\$38.30	\$174.00
Tubing, Silicone		Check our website for many other sizes			
	13-8915-01	Tubing, Silicone, Translucent, Natural, 1/8" I.D. x 1/4" O.D. x 1/16" Wall, 1'/ea, 50'/pk, 100'/cs	\$2.49	\$74.70	\$149.40
	13-8915-08	Tubing, Silicone, Translucent, Natural, 3/8" I.D. x 5/8" O.D. x 1/8" Wall, 1'/ea, 50'/pk, 100'/cs	\$8.73	\$261.90	\$366.66
Tubing, Tygon®		Check our website for many other sizes			
	92-2345-06	Tubing, Tygon®, 1/8" I.D. x 1/4" O.D. x 1/16" Wall, EACH=1 Ft., 50ft/pk	\$0.87	\$41.33	
	92-2345-10	Tubing, Tygon®, 3/16" I.D. x 5/16" O.D. x 1/16" Wall, EACH=1 Ft., 50ft/pk	\$1.22	\$57.95	
	92-2345-14	Tubing, Tygon®, 1/4" I.D. x 3/8" O.D. x 1/16" Wall, EACH=1 Ft., 10ft/pk, 50ft/cs	\$1.47	\$13.97	\$66.15
	92-2345-15	Tubing, Tygon®, 1/4" I.D. x 7/16" O.D. x 3/32" Wall, EACH=1 Ft., 50ft/pk	\$2.38	\$113.05	
	92-2345-16	Tubing, Tygon®, 1/4" I.D. x 1/2" O.D. x 1/8" Wall, EACH=1 Ft., 50ft/pk	\$2.88	\$136.80	
	92-2345-21	Tubing, Tygon®, 3/8" I.D. x 1/2" O.D. x 1/16" Wall, EACH=1 Ft., 50ft/pk	\$1.99	\$94.53	
	92-2345-22	Tubing, Tygon®, 3/8" I.D. x 9/16" O.D. x 3/32" Wall, EACH=1 Ft., 50ft/pk	\$2.57	\$122.08	
	92-2345-23	Tubing, Tygon®, 3/8" I.D. x 5/8" O.D. x 1/8" Wall, EACH=1 Ft., 50ft/pk	\$3.71	\$176.23	
	92-2345-27	Tubing, Tygon®, 1/2" I.D. x 5/8" O.D. x 1/16" Wall, EACH=1 Ft., 50ft/pk	\$2.42	\$114.95	
	92-2345-28	Tubing, Tygon®, 1/2" I.D. x 11/16" O.D. x 3/32" Wall, EACH=1 Ft., 50ft/pk	\$3.35	\$159.13	
	92-2345-29	Tubing, Tygon®, 1/2" I.D. x 3/4" O.D. x 1/8" Wall, EACH=1 Ft., 50ft/pk	\$4.59	\$218.03	
	92-2345-35	Tubing, Tygon®, 5/8" I.D. x 7/8" O.D. x 1/8" Wall, EACH=1 Ft., 50ft/pk	\$5.22	\$247.95	
Tubing, Vacuum					
	92-2348-11	Tubing, Vacuum, Tygon®, 3/16" I.D. x 3/16" wall, EACH=1 Ft., 50 ft/pk	\$6.23	\$295.98	
	92-2348-12	Tubing, Vacuum, Tygon®, 1/4" I.D. x 3/16" wall, EACH=1 Ft., 50 ft/pk	\$7.36	\$349.72	
	92-2348-13	Tubing, Vacuum, Tygon®, 3/8" I.D. x 1/4" wall, EACH=1 Ft., 10 ft/pk, 50 ft/cs	\$12.51	\$594.17	

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Category	Catalog No.	Description	EA	PK	CS
Turbidimeters		See page — 60			
Tweezers / Forceps					
	53-0025-01	Filter Forceps, Stainless Steel w/Black PP Finger Grip, Flat, Smooth Tip, Autoclavable	\$58.32		
	53-0025-10	Filter Forceps, Stainless Steel w/PP Finger Grip, 4 1/2" Flat, Smooth Tip, Autoclavable	\$58.32		
U, V					
Vacuum Manifold					
	90-7462-01	3-place Vacuum Manifold, Polyurethane, f/25 mm and 47 mm Filter Funnels	\$1,491.22		
Vacuum Pump		See page — 61			
Vacuum Trap					
Glass	91-3967-36	Glass Vacuum Trap for Protecting Vacuum Pumps in Filtering Systems, 3/8" fittings	\$73.68		
Glass	90-7620-85	Vacuum Flask f/Vacuum Trap w/29/42 joint, 1000 mL	\$32.40		
Polypropylene	14-6343-01	Polypropylene Vacuum Trap, 2-piece, 5/16" fittings, 100 mL capacity, Autoclavable, Bag of 6	\$10.82		
W					
Walter Crucible Holder					
	90-5797-01	Walter Crucible Holder, Rubber w/Glass Funnel f/20-35 mL crucibles, 250-1000mL flasks, 6/pk	\$18.05	\$108.22	
Water Deionization/Filtration		See page — 16			
Water, Reverse Osmosis System		See page — 52			
Water Still		See page — 55			
Well Level Sounder		See page — 62			
X, Y, Z					

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3M	3M Company	Fi-Streem	LabStrong International Ltd.
934-AH	GE Healthcare Bio-Sciences Corp.	Gast	Gast Manufacturing Co.
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DuraTop	PolyScience	Macron	Avantor Performance Materials
edge	Hanna	Merck	Merck & Co., Inc.
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pHep	Hanna Instruments	Unitary	Thermo Fisher Scientific Inc.
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Spectronic	Thermo Fisher Scientific Inc.		
Speedsafe	Hanna Instruments		
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Steri-Wrap III	Propper		
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Synetron	Microflex Medical Corp.		
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Testr	Cole Parmer Instrument Co.		
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Tuttnauer

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Sartorius

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Boekel
Duratech
Julabo
Polyscience
Sonicor Instrument
Techné
Thermo Electron

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Difco
Falcon
Jencons

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CONTAINERS**

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Dynalon
Foxy Life Sciences (Roush)
Nalge
QEC
Qorpak
Scientific Specialties
Wheaton

CALORIMETERS

Parr

CARTS

Labconco
Lakeside
Rubbermaid

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Heitch
IEC
LW Scientific
Raven

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SOLUTIONS**

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Columbus Chemical
LabChem
Lamotte
Macron
Ricca
G. Fredrick Smith/GFS
Taylor Chemical

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Baker
EM Science
Hamilton
SGE
UVP
Whatman

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Alconox

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Parr
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Preiser Scientific

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Holmes
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Svedala

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Accu-scope
Lumenera
Meiji
Motic

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Hamilton
Hirschman
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Scilogex

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Neutec
Oakton
Orion
Wheaton
WTW
YSI

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Lab Strong

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UV Products

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Pall Gelman
Sartorius
Whatman/S & S
I.W. Tremont

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Dentsply
Lindberg

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Tech Glass
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& MANTLES**

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Lumenera DMC
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Unitron
Vee Gee

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Glastron
Labconco
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Quincy

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Oakton
Orion
WTW

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Little Giant
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Leica
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Scientemp

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Justrite
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HF Scientific
LabChem
LaMotte
Lovibond
Micro Essential
Nalge
Neutec
Oakton
Orion
Pall
Phipps & Bird
QEC
Raven
Taylor
Whatman
WTW
YSI

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AHLSTROM / E&D

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ANSELL

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pH, Dissolved Oxygen, Conductivity, Karl Fischer Titrators, General Titrators, Turbidity Meters

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LOVIBOND

Water Testing Supplies

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Nitrile, Latex

MICRO ESSENTIAL

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WTW

pH, Conductivity, Dissolved Oxygen

YSI

Dissolved Oxygen, Conductivity

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