

beer testing equipment and supplies

# ProlabScientific

Large selection of products to  
help you make even better beers !

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### Micro EBU Ebullometer

Minimalist design Ebullometer. Ideal to calculate the %vol in a precise and exact manner and without complications. The Ebullimeter can determine directly and with precision the %vol. alcohol in dry wines of normal constitution, champagnes, wines and beers without alcohol, beers, ciders, and hydroalcoholic solutions... in an easy and fast way. Power: 120 VAC.

- Minimalist design
- Electronic heating
- Body of glass
- Digital thermometer
- Design renewed
- Fast installation
- Little format
- Continuous water cooling
- Fast boiling (5-7 min)
- Easy cleaning
- Stable boiling temperature

E-1010-052 \$ 1,175.00



### COMPASS® Portables Balances

Designed with energy efficiency in mind, the Compass CX series offers a battery life of up to 1,000 continuous hours, allowing for uninterrupted operation. Featuring a slim, stackable and light-weight design, the CX fits ideally in lab. The streamlined two-button operation means that the balance can be operated easily, and large backlit LCD display enables easy viewing of weighing results. 3 AA batteries are included.

CX221	220g x 0.1g	\$ 236.10
CX621	620g x 0.1g	\$ 236.10
CX1201	1200g x 0.1g	\$ 258.40
CX2200	2200g x 1g	\$ 236.10
CX5200	5500g x 1g	\$ 279.20
30330714	Optional AC adapter	\$ 41.60
30467763	Optional carrying case	\$ 117.20



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### PIONEER® Precision and Analytical Balances

The Pioneer PX combines essential weighing functionality with competitive performance, offering high accuracy and repeatability for applications in laboratory, industrial and education settings. The PX is affordably priced, and intuitively designed for intelligent operation with a second line display for additional information, and USB and RS232 connectivity for easy communication.

Analytical:		
PX323/E	320g x 0.001g	\$ 1,762.30
PX523/E	520g x 0.001g	\$ 2,230.15
Precision:		
PX1602/E	1600g x 0.01g	\$ 1,454.00
PX2202/E	2200g x 0.01g	\$ 1,594.50
PX4202/E	4200g x 0.01g	\$ 2,174.20
PX4201/E	4200g x 0.1g	\$ 1,565.85



USB cable and rechargeable battery kit are available in option



## NAVIGATOR™ Multi-Purpose Portable Balances

OHAUS raises the bar in price-performance ratio with the newly-designed Navigator series which is perfect for general weighing applications in laboratory, industrial and education settings. Ruggedly constructed and multifunctional, the Navigator's a powerful balance that can handle a diverse range of weighing applications with features such as fast stabilization time, overload protection at four times its rated capacity, and easy operation. LCD Display with white backlight. AC adapter (included) or 4 C batteries (not included).

NV222	220g x 0.01g	145 mm	\$ 512.35
NV422	420g x 0.01g	145 mm	\$ 653.40
NV221	220g x 0.1g	190 x 144 mm	\$ 297.00
NV621	620g x 0.1g	190 x 144 mm	\$ 438.10
NV1201	1200g x 0.1g	190 x 144 mm	\$ 497.50
NV2201	2200g x 0.1g	190 x 144 mm	\$ 552.40
NVT2201	2200g x 0.1g	230 x 174 mm	\$ 552.40
NVT4201	4200g x 0.1g	230 x 174 mm	\$ 690.55
NVT2200	2200g x 1g	230 x 174 mm	\$ 519.75
NVT6200	6200g x 1g	230 x 174 mm	\$ 683.10
NVT12000	12kg x 1g	230 x 174 mm	\$ 735.10
NVT22000	22kg x 1g	230 x 174 mm	\$ 883.60

## Antistatic Weighing Dishes

C-1070-001	44 x 44 x 9 mm	\$ 10.95 / 100
C-1070-002	84 x 84 x 19 mm	\$ 17.55 / 100
C-1070-003	140 x 140 x 22 mm	\$ 35.35 / 100

## Antistatic Pour Boats

C-1075-001	40 x 31 x 8 mm	\$ 34.30 / 250
C-1075-002	128 x 86 x 25 mm	\$ 71.15 / 250
C-1075-003	190 x 116 x 25 mm	\$ 107.50 / 250

## Weighing Dishes, Aluminum

C-1050-001	43 x 13 mm	\$ 16.20 / 100
C-1050-002	57 x 16 mm	\$ 19.35 / 100
C-1050-003	70 x 16 mm	\$ 26.95 / 100



### pH Electrode Storage Solution

Prepared with reagent grade chemicals which can be used to ensure maximum performance of your pH and ORP electrodes.

P-7030-460      500 ml bottle      \$ 26.90

### pH Electrode Cleaning Solution

General purpose cleaning solution that can be used for a variety of applications. Electrodes can become dirty from use and will produce inaccurate results even as they read correctly in a pH buffer.

P-7061-460      500 ml bottle      \$ 26.90

### pH Buffer Solutions

XB-5140-500	pH 4.00	Red	500 ml	\$ 12.25
XB-5140-004	pH 4.00	Red	3.8L	\$ 74.95
XB-5200-500	pH 7.00	Yellow	500 ml	\$ 12.25
XB-5200-004	pH 7.00	Yellow	3.8L	\$ 74.95
XB-5260-500	pH 10.0	Blue	500 ml	\$ 12.25
XB-5260-004	pH 10.0	Blue	3.8L	\$ 74.95

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### Beer pH Tester

The pH Tester for Beer has a flat glass tip, titanium body and renewable cloth junction. Ideal for measuring mash and wort during the brewing process. pH measurement 0 to 14. Each meter is supplied with pH 4.01 buffer solution liquid sachet (2), pH 7.01 buffer solution liquid sachet (2), cleaning solution for brewing deposits (2), electrode storage solution, 13ml dropper, Instruction manual, and quality certificate.

HI 981031      \$ 175.50

### Portable pH Meter for Beer

The HI 99151 is a rugged waterproof, portable pH and temperature meter designed specifically for the brewing industry. The HI-99151 uses the FC214D, a titanium bodied, gel filled pH electrode that features high temperature glass and an extendable cloth junction. HI 99151 is supplied with FC2143 pH/temperature probe, HI70004 pH 4.01 buffer solution sachet (1), HI 70007 pH 7.01 buffer solution sachet (2), HI 700682 electrode cleaning solution for brewing deposits sachets (2), 100 mL beaker (1), batteries, calibration certificates for meter and probe, instruction manual, and rugged thermoformed carrying case.

HI 99151      \$ 649.35

### Checker® Plus pH Tester

The Checker Plus now offers automatic calibration to one or two points, low battery indicator, and selectable automatic shut off. Ideal for test tubes and vials. Supplied complete calibration solutions and cleaning solutions packaged in a durable plastic carrying case.

HI 98100      Accuracy  $\pm 0.2$  pH      \$ 76.70  
 HI 1271      \$ 58.50





## LaMotte BrewLab® Plus Test Kit

The BrewLab® Plus test kit quantifies 8 essential test factors. Included is a digital pH meter for monitoring batches from start to finish. Experts agree water conditions affect your final product, so take the mystery out of making great beer. Trust LaMotte, the water analysis experts since 1919, to help you control your most important ingredient... water!

7188-01 \$ 325.00



## Friendly Green Wipes

Friendly Green™ lab wipes are single ply, low linting, very absorbent, soft and will not scratch. They are excellent for light duty tasks and delicate surfaces.

D-7091-001 Small, 4.5" x 8.3" \$ 7.75 / 280  
 D-7093-001 Large, 15" x 16.6" \$ 20.55 / 140



## Alconox® Detergent Powder

The best biodegradable detergent for cleaning laboratory glassware, porcelain, metal, plastic equipment to a sparkling brilliance.

D-2996-000 1.8 kg \$ 60.75

## Liquinox®

Liquid detergent, with high efficiency in hot or cold water. Safe for a variety of hard surface materials such as glass, metal, plastic and rubber.

D-2997-001 946 ml \$ 32.50  
 D-2997-004 3.78 L \$ 110.25

## Deminerlized Treated Water

XW-0200-004 \$ 10.95 / 4 L  
 XW-0200-016 \$ 34.30 / 16 L

## Ethyl Alcohol, Denatured, Anhydrous

XE-2204-001 \$ 22.75 / 1 L  
 XE-2204-004 \$ 54.60 / 4 L

## Hydrochloric Acid Solution

XH-6170-001 0.1N aqueous solution \$ 9.90 / 1 L  
 XH-6171-001 1.0N aqueous solution \$ 11.70 / 1 L



## Beer pH Test Strips

Accurate beer pH testing for use in measuring the pH of your mash. These test strips have match points at 4.7-5.1-5.5-5.9 and 6.3. Generally, a pH of 5.1 - 5.5 is recommended. 100 strips per vial.

P-1980-000 \$ 9.90 / vial

## Chemicals

### Iodine - Potassium Iodide Solution

XI-2460-500 Aqueous solution \$ 33.10 / 500 ml

### Isopropyl Alcohol 100%

Great for disinfecting hard surfaces.

XP-6208-001 \$ 21.50 / 1 L  
 XP-6208-004 \$ 50.40 / 4 L

### Phenolphthalein Solution

XP-0807-500 1% alcoholic solution \$ 12.60 / 500 ml

### Sodium Hydroxide Solution

XS-3730-001 1.0M aqueous solution \$ 15.40 / 1 L

### Starch Indicator Solution

XS-6400-001 1% aqueous solution \$ 22.95 / 1 L

## Pyrex Economy Grade Burettes with Replaceable Teflon® Stopcock

PYREX 2116. These economical PYREX® burets are designed to reduce replacement costs by using replaceable components. These sturdy burettes have tooled tops and bottoms and white enamel graduations.

B-7757-025	25 ± 0.10 ml	\$ 151.70
B-7757-050	50 ± 0.10 ml	\$ 158.00



C-8115-000



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## Volumetric Flasks, Polyethylene Snap Cap

The graduation line is sharp and permanent; large blue block letters make inscriptions easy to read. Snap-caps are supplied with all sizes.

F-5755-050	50 ml x 0.10 ml	\$ 38.70
F-5755-100	100 ml x 0.16 ml	\$ 44.40
F-5755-250	250 ml x 0.24 ml	\$ 52.85
F-5755-500	500 ml x 0.4 ml	\$ 66.05
F-5755-001	1000 ml x 0.6 ml	\$ 84.65
F-5755-002	2000 ml x 1 ml	\$ 131.30

## Haze Meter for Beer Quality Analysis

The HI 847492 is an auto diagnostic haze in beer meter. This instrument features a different measuring unit or light source to comply with different standard requirements. HI-847492 is specially designed, according with the ASBC (American Society of Brewing Chemist) standard requirements, for haze in beer measurements.

HI 847492	\$ 1,375.00
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## Digital Refractometer for Beer

Hanna's digital refractometer for brewing measures the sugar content of wort and converts it to °Plato with the push of a single button. The HI96841 is built tough for use in a brewing environment, fast (1.5-second response), simple to use / clean and accurate to ±0.2 °Plato with automatic temperature compensation. Sugar content range: 0 to 30 °Plato, temperature range: 0 to 80°C.

HI 96841	\$ 295.00
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## Four Channel Timer & Clock

4 independent channels each of which counts up or down for any interval from 1 second to 100 hours. Extra large display indicates channels in use. Each one has a distinctive 1 minute alarm. Has a stand, pocket clip, and a magnet. Dimensions: 73 x 63 x 14mm.

C-8115-000	\$ 46.95
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## Lab Incubators

These models can maintain temperatures up to 62°C through a precise bimetal controller that is temperature stable to  $\pm 0.5^\circ\text{C}$ . Standard equipment includes one fixed and one adjustable chrome-plated wire shelf and an enviro-friendly spirit thermometer. Full 18 month warranty.

Inside dimensions: 0.7 cu.ft. = 12" x 10" x 10"  
(WxHxD) 2.0 cu.ft. = 18" x 16" x 12"

J-1320-000	0.7 cu. ft.	\$ 783.00
J-1324-000	2.0 cu. ft.	\$ 1,008.00



## Petri Dishes, 100 x 15 mm

Pure virgin polystyrene, unsurpassed optical clarity, stacking rings on lids and bottoms.

P-5856-025	Package of 25	\$ 10.25
P-5856-600	Case of 600	\$ 182.50



## Universal Beer Agar

Hardy Diagnostics CRITERION™ Universal Beer Agar (UBA) is for the cultivation of microorganisms significant in the brewing industry. This dehydrated culture medium is a raw material intended to be used in the making of prepared media products, which will require further processing, additional ingredients, or supplements.

C9251 \$ 359.00 / 500 g



## Neubauer Improved Bright-Line Hemacytometer

Complete set consisting of neubauer improved bright-line counting chamber, 2 optically plane cover glasses (20x 26x0.4mm), and 2 thoma diluting pipettes.

Q-6210-500 \$ 248.60

## Methylene Blue, 1% Aqueous Solution

XM-6280-500 500 ml \$ 14.40



## E5 Binocular Microscope

- 40x, 100x, 400x, 1000x magnification;
- Ergonomic design with 30° angled eyepiece;
- Compact and robust construction;
- Excellent mechanical and optical quality;
- Ease of operation;
- LED fibre optic illumination integrated into the base;
- Ensures even illumination of the field of vision;
- Prevents thermal effects from affecting the sample during prolonged examination;
- Features a long operating life and makes lamp replacement superfluous;

Q-1510-000 \$ 795.00



T-3818-000

## DURAC® Water Resistant Digital Thermometer

Feature a 127 mm stainless steel temperature probe, probe cover with pocket clip, maximum/minimum memory, 0.1 resolution, one CR2032 battery, CE mark, RoHS compliant. Supplied with multi-language instructions and Statement of Traceability indicating accuracy traceable to NIST and DAkks. Ideal for wet lab applications, wash down areas, food testing and tanks.

T-3818-000      Temperature range: -50.0 to 200.0°C / Accuracy: ± 1°C      \$ 53.00

## Hydrophilic Mixed Cellulose Esters (MCE), 0.45 micron, sterile, gridded, 47mm diameter

Biologically inert mixtures of cellulose acetate and cellulose nitrate result in membranes with a smoother and more uniform surface than pure nitrocellulose.

045SG-047-D      Pack of 200      \$ 154.00



T-3780-000

## DURAC® Electronic Thermometer w/ Stainless Steel Probe

Dual-range digital thermometer with alarm and timer for measuring temperature in laboratories. The 150 mm stainless steel probe is attached to the unit by a 1 m stainless steel cable. The unit has a 99- hour countdown timer and a user-selectable high/low temperature alarm for monitoring temperature consistency. Dimensions: 70 x 50 x 17 mm. Supplied with multi-language instructions and Statement of Traceability indicating accuracy traceable to NIST and DAkks.

T-3780-000      Temperature range: -50.0 to 300.0°C / Accuracy: ± 2°C      \$ 73.80



## EASY-READ® General Purpose Liquid-In-Glass Thermometers

Filled with black liquid against yellow back glass. Enviro-Safe® liquid is 100% non-toxic, non-hazardous, and biodegradable. 76 mm immersion, 1° divisions.

T-6910-001      Temperature range: -20.0 to 110.0°C / Length: 305 mm      \$ 31.25

T-6910-003      Temperature range: -20.0 to 150.0°C / Length: 305 mm      \$ 32.90

T-6910-005      Temperature range: -10.0 to 260.0°C / Length: 355 mm      \$ 40.10



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HI 935012



T-7075-000



T-7080-000



T-7079-000

### Extra-Long Probe Digital Thermometer

Designed to withstand the knocks, drops, and spills of real life, the IP65 body and included boot offer increased protection for a durable thermometer than can handle any brewing environment. These meters are well protected against dust and water splashes from any direction. Supplied with 1m Stainless Steel Temperature Probe. This extra-long probe allows for the measurement of temperature in the middle of tank to make sure it is consistent throughout.

HI 935012      Temperature range: -20.0 to 120.0°C / Accuracy:  $\pm 0.1^\circ\text{C}$       \$ 228.15

### Checktemp® Digital Thermometer

The HI 98501 Checktemp® is a digital thermometer with stainless steel penetration probe. It delivers high accuracy temperature measurements over a wide temperature range without worrying about breakage or condensation. Checktemp® is the ideal instrument for measuring temperature according to HACCP requirements.

T-7075-000      Temperature range: -50.0 to 150.0°C / Accuracy:  $\pm 0.3^\circ\text{C}$       \$ 76.70

### Checktemp® 1 Digital Thermometer

The HI98509 Checktemp®1 is a high-accuracy thermometer with a 1 m (3.3') flexible, silicone cable connecting the meter and the stainless steel probe. Checktemp®1 makes routine controls fast and simple for both incoming and outgoing goods. Constructed of AISI 316 stainless steel material, this probe is in compliance with food regulations, making it an ideal instrument for measuring temperature according to HACCP requirements.

T-7080-000      Temperature range: -50.0 to 150.0°C / Accuracy:  $\pm 0.3^\circ\text{C}$       \$ 84.35

### Checktemp® Dip Digital Thermometer

The Checktemp Dip Digital Thermometer is a high-accuracy NTC thermistor thermometer connected to a weighted, stainless steel probe by a 3 m (9.9') flexible, silicone cable. The weighted, stainless steel probe is designed to measure temperature in tanks, vats, streams, and lakes. Attached to the meter by 3 m of cable, the probe is capable of taking temperature readings at various depths.

T-7079-000      Temperature range: -20.0 to 80.0°C / Accuracy:  $\pm 0.3^\circ\text{C}$       \$ 132.75



## Graduated Pitchers, Polypropylene

Gracefully proportioned, chemical-resistant, and shatterproof, these pitchers have well-designed spouts and large handles. Metric graduations are molded on outside wall.

Ref#	Capacity	Subdiv.	Each
B-2630-250	250 ml	5 ml	\$ 12.75
B-2630-500	500 ml	10 ml	\$ 13.30
B-2630-001	1000 ml	50 ml	\$ 16.60
B-2630-002	2000 ml	100 ml	\$ 18.90
B-2630-003	3000 ml	100 ml	\$ 37.95
B-2630-005	5000 ml	250 ml	\$ 60.30

## Wash Bottles, Wide Mouth

Leakproof with one piece integral molded cap. These low-density natural color polyethylene wash bottles have wide mouths for easy filling.

F-1727-250	250 ml	\$ 8.95
F-1727-500	500 ml	\$ 10.45
F-1727-001	1000 ml	\$ 16.20



P-3484-030



P-3484-056



P-3484-072

## Disposable Transfer Pipets

Molded from see-through low density polyethylene. Inert to biological fluids and most acids. Can be sealed and refrigerated. They work well whenever there is a need for quick, safe transfer of fluids. Sold in boxes of 500.

Ref#	Capacity	Length	Bulb Draw	Price
P-3484-030	3.0 ml	13.8 cm	2.1 ml	\$ 35.50
P-3484-056	5 ml	15.5 cm	1.9 ml	\$ 35.50
P-3484-072	7 ml	15 cm	3.2 ml	\$ 35.50



## Scoops, Polypropylene

Natural color. Rigid, strong and smooth.

Ref #	Bowl	Capacity	Each
P-6071-001	60 x 29 x 25 mm	22 ml	\$ 3.40
P-6071-002	76 x 38 x 25 mm	60 ml	\$ 4.90
P-6071-003	89 x 38 x 32 mm	75 ml	\$ 4.75
P-6071-004	92 x 48 x 35 mm	100 ml	\$ 4.90
P-6071-005	127 x 51 x 51 mm	200 ml	\$ 6.45
P-6071-006	203 x 121 x 76 mm	1100 ml	\$ 11.05



## Graduated Cylinders, Polypropylene

These graduated cylinders have a single scale with raised numeral graduations for easy reading. Hexagonal bases make the cylinders stable and roll-proof.

Ref#	Capacity	Subdiv.	Each
E-5855-010	10 ml	0.2 ml	\$ 5.75
E-5855-025	25 ml	0.5 ml	\$ 6.90
E-5855-050	50 ml	1.0 ml	\$ 8.05
E-5855-100	100 ml	1.0 ml	\$ 9.90
E-5855-250	250 ml	2.0 ml	\$ 12.30
E-5855-500	500 ml	5.0 ml	\$ 17.95
E-5855-001	1000 ml	10.0 ml	\$ 30.75
E-5855-002	2000 ml	20.0 ml	\$ 58.95



## Powder Funnels, Polypropylene

Steam autoclavable at 121°C. Parallel stem minimizes bridging of powder. 60° angle.

Ref#	Top Diameter	Each
E-5336-065	65 mm	\$ 6.55
E-5336-080	80 mm	\$ 8.95
E-5336-100	100 mm	\$ 9.45
E-5336-120	120 mm	\$ 9.85
E-5336-150	150 mm	\$ 13.15

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## Pyrex® Griffin Beakers

**PYREX 1000.** With spout, manufactured with uniform wall thickness, offers optimum balance between thermal shock resistance and mechanical strength. For convenience, these beakers have a double graduated metric scale to indicate approximate content and an extra large marking spot.

B-2710-050	50 ml	\$ 81.80 / 12
B-2710-100	100 ml	\$ 86.55 / 12
B-2710-150	150 ml	\$ 78.55 / 12
B-2710-250	250 ml	\$ 82.90 / 12
B-2710-400	400 ml	\$ 97.45 / 12
B-2710-600	600 ml	\$ 61.85 / 6
B-2710-001	1000 ml	\$ 116.55 / 6
B-2710-002	2000 ml	\$ 154.15 / 4
B-2710-003	3000 ml	\$ 66.25 / 1
B-2710-004	4000 ml	\$ 122.10 / 1

## Parafilm®

Parafilm® is ideal for the scientific laboratory because it is a thermoplastic, self-sealing film. It holds moisture loss to a minimum and it offers excellent protection for the contents of broth tubes, flasks, culture tubes and petri dishes.

P-2245-000	2" x 250'	\$ 46.30
P-2246-000	4" x 125'	\$ 48.95

## Cimarec+ Digital Stirring Hot Plate

Offers precise stirring control, exceptional safety and temperature performance for your routine protocols. Easy-to-read LED display for heating and stirring. Raised display design protects electronics from spills. StirTrac features innovative engineering for slow-speed stirring, consistent speed control, and strong magnetic coupling. Temperature adjustable in 1 degree increments. HOT TOP warning system protects from accidental burns with prominent display when heating surface is above 50°C;

SP88857100 Ceramic top, 7" x 7" \$ 505.45

## Magnetic Mini-Stirrer

The variable speed motor offers stirring speeds of 100rpm to 800-1000 rpm, depending on the load. Maximum stirring capacity is 1 liter. The ABS housing resists most harmful chemicals in the lab, this means accidental spills will not destroy it. The unit measures 12 x 12 x 4.5 cm, and operates on a 110/115V. A stir bar is included.

HI-190-M ABS top, 4.8" x 4.8" \$ 215.00

## Plato SafetyBLUE® Thermo-Hydrometers

Plato Hydrometers are calibrated to show the concentration of extract as a percentage by weight in brewery wort. Primarily used in the brewing industry, the Plato scale is carried out at 20°C. Temperature range: 0° to 50°C ± 1°C. Glass body.

D-2969-001	0° to 8.5° Plato	\$ 79.50
D-2969-002	7.5° to 16° Plato	\$ 79.50
D-2969-003	15.5° to 24° Plato	\$ 79.50

## Ungraduated Cylinder

This PYREX® hydrometer cylinder has a large hexagonal base sealed to the cylinder bod to increase stability. Outside dia.: 39 mm, height: 381 mm, capacity: 300 ml.

D-3055-038 \$ 59.15

# ProlabScientific

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