![SP Scienceware logo — Bel-Art • H-B Instrument — Prepare to Discover™]

2019 NEW PRODUCT SUPPLEMENT

GHS Labeled Right-to-Know, Safety-Vented Wash Bottles

Satisfy Requirements of GHS and OSHA HazCom 2012 for Workplace Labeled Containers

- Pre-printed with chemical name and formula, GHS pictogram and signal word*, NFPA Section 704 Four-color Diamond, health hazards, CAS number, and suggested protective clothing and equipment
- Unique valve** prevents pressure build-up eliminating potentially dangerous chemical drips
- Wide mouth 53mm (2") bottle for easy refilling

*Bottles with labels that do not indicate a hazardous chemical do not have/require GHS pictogram or signal word

**Methyl Ethyl Ketone and Toluene do not include vented valve

⚠ See page 28

LDPE PP MADE IN USA

CATALOG NO.	LABEL	CAPACITY	BOTTLES/PACK	CATALOG NO.	LABEL	CAPACITY	BOTTLES/PACK
F12416-0001	Acetone	500ml	4	F12416-0016	Toluene**	500ml	4
F12416-0002	Dichloromethane	500ml	4	F12416-0017	Water*	500ml	4
F12416-0003	Deionized Water*	500ml	4	F12416-0019	Ethanol	500ml	4
F12416-0004	Distilled Water*	500ml	4	F12416-0050	Assortment (4pc)	500ml	4
F12416-0007	Ethyl Acetate	500ml	4	F12432-0001	Acetone	1000ml	2
F12416-0008	Isopropanol	500ml	4	F12432-0004	Distilled Water*	1000ml	2
F12416-0010	Machine Oil	500ml	4	F12432-0008	Isopropanol	1000ml	2
F12416-0011	Methanol	500ml	4	F12432-0011	Methanol	1000ml	2
F12416-0012	Methyl Ethyl Ketone**	500ml	4	F12432-0015	Sodium Hypochlorite (Bleach)	1000ml	2
F12416-0013	Isotonic Saline*	500ml	4	F12432-0019	Ethanol	1000ml	2
F12416-0015	Sodium Hypochlorite (Bleach)	500ml	4	F12432-0050	Assortment (4pc)	1000ml	4

Trigger Sprayers w/ 53mm Adapters

Adjustable Sprayer for Wash Bottles

- Will not corrode with repeated exposure to 10% bleach disinfecting solution
- Fit Scienceware® bottles with 53mm wide closure and most bottles with a 28mm closure
- For adjustable spray dispensing of a wide range of chemicals including bleach, ethanol, machine oil and water

⚠ See page 28

Product Video:
www.belart.com/NewVid

LDPE PP MADE IN USA

CATALOG NO.	DESCRIPTION
F11620-0050	Trigger Sprayers with 53mm Adapters

Poxygrid® Bench-Top Biohazard Bag Holder Kit

Handy Benchtop Disposal for Labs and Medical Offices

- Perfect for collecting pipette tips, microcentrifuge tubes, etc. during daily use
- Holds a 22 x 28cm (8$\frac{1}{2}$ x 11") polyethylene biohazard bag (F13166-0000)
- Cover provides compliance with OSHA 29 CFR 1910.1030(d)(2)(xiii)(A)

⚠ See page 28

PP A MADE IN USA

CATALOG NO.	DESCRIPTION
F13193-0500	Kit- Includes Bag Holder, Cover & Bags (100pk)

Visit www.belart.com for replacement bags, frame and cover.

Benchtop Biohazard Disposal Can with Motion Sensor Lid

Hands-Free Operation for Biohazard Waste

- Contains odors; perfect for small items such as pipette tips and microcentrifuge tubes
- Automatic opening lid for hands free use; closes automatically
- Holds a 25 x 25cm (10 x 10") autoclavable biohazard disposal bag (H13182-0000)

NEW

See page 28

CATALOG NO.	DIMENSIONS (DIAM. x H)	CAPACITY
H13194-1011	12.4 x 17cm (4⅘ x 6⁷⁄₁₀")	1.5L

Secador®
Refrigerator Ready Desiccator

Moisture Free Storage in Cold Spaces

- Extra-long depth, pull-out shelves and wide rubber feet; perfect for use inside refrigerators and -20˚C freezers
- Top shelf holds up to three (3) Desi Cans™ (F42046-0000) or up to two (2) Desiccant Cartridges (F42048-0100); permits maximum visibility of saturation status
- Locking door latch turns with one hand; door opens from top down for easy access

SAVE SPACE IN YOUR LAB FRIDGE

See page 28

CATALOG NO.	CAPACITY	EXTERIOR DIMENSIONS (W x D x H)
F42011-0000	0.6 cu. ft.	25.4 x 38.1 x 21.6cm (10 x 15 x 8½")

Grande Desiccator Cabinet - Standard

Spacious Cabinets for Dry Storage

- Low humidity, dust free environment for several large moisture-sensitive material containers or many small ones
- Pull-out, perforated shelves allow maximum air circulation; built-in stops prevent accidental tipping
- Shelves are removable for single, spacious chamber for specific storage needs; 2 shelves included, accepts up to 7

Interior Capacity: 3.6 cu. ft.
Exterior Dimensions: 66W x 61D x 66cmH (26 x 24 x 26")

Standard Model
Desiccant (sold separately) can be placed below bottom shelf
Automatic Model
Included desiccant is housed in a pre-programmed module that continually regenerates desiccant every 20 minutes (120V)
Gas Purge Model
Includes 2 gas port fittings with stopcock valves located on back panel for use with your choice of dry gas

See page 28

CATALOG NO.	DESCRIPTION
F43000-1010	Grande Desiccator, Standard
F43020-1010	Grande Desiccator, Automatic
F43010-1010	Grande Desiccator, Gas Purge
F43000-0001	Shelf Set for Grande Desiccator (pack of 2)
F42045-0250	Desiccant in a Cartridge®

Lab Companion™ Cabinet Style Vacuum Desiccators

Sustained Vacuum Integrity Up to 3X Longer Than Other Brands

Vacuum gauge

Transparent polycarbonate construction

Amber tinted UV blocking models
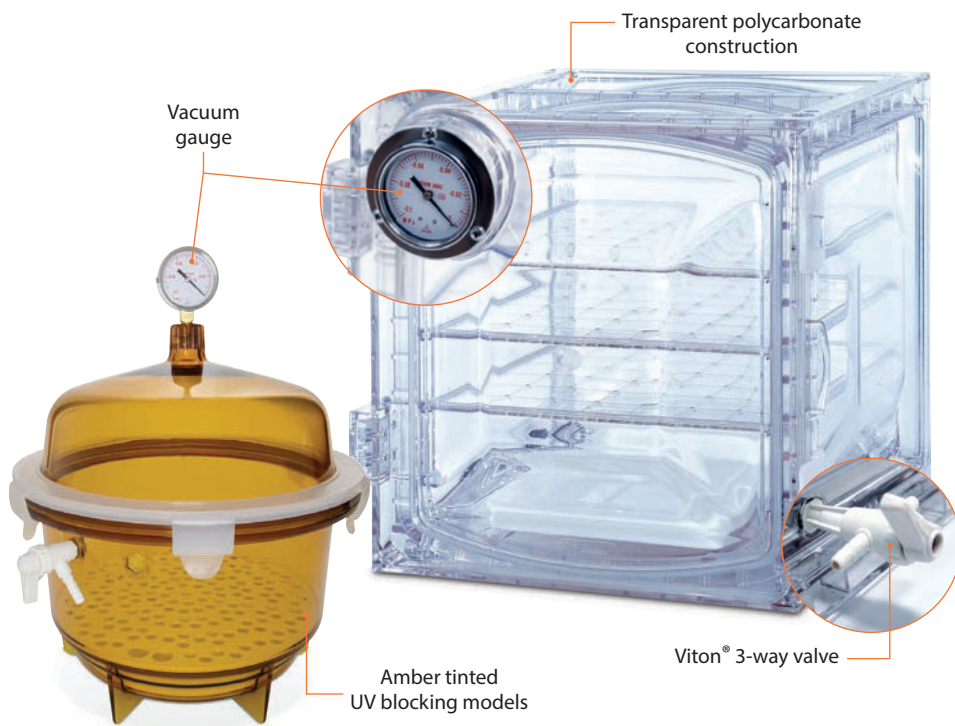
Viton® 3-way valve

- Able to maintain 29in.-Hg vacuum for over 72 hours at room temperature; provides vacuum integrity resulting in lower maintenance and greater peace of mind
- Viton® 3-way valve offers consistent and uniform vacuum draw, vacuum release, or gas exchange
- Analog vacuum gauge; Use with any vacuum with free air capacity of 1.5 cubic feet per minute (CFM) ft or greater
- Amber tinted UV blocking models block 100% of UVA, B, and C light

Cabinet Style Lab Companion™ Vacuum Desiccators

F42400-4001   F42400-4121   F42400-4031

⚠ See page 28

CATALOG NO.	DESCRIPTION	INTERNAL VOLUME (cu. ft.)	INTERNAL VOLUME (liter)	SHELVES INCLUDED
Cabinet Style Lab Companion™ Vacuum Desiccators				
F42400-4001	11L, Clear	0.4	11	2
F42400-4021	23L, Clear	0.8	23	2
F42400-4011	35L, Clear	1.2	35	3
F42400-4031	45L, Clear	1.6	45	3
F42400-4101	11L, UV Amber	0.4	11	2
F42400-4121	23L, UV Amber	0.8	23	2
F42400-4111	35L, UV Amber	1.2	35	3
F42400-4131	45L, UV Amber	1.6	45	3
Round Style Lab Companion™ Vacuum Desiccators				
F42400-2021	6L, Clear	0.2	6	1
F42400-2041	6L, UV Amber	0.2	6	1
F42400-2121	10L, Clear	0.4	10	1
F42400-2141	10L, UV Amber	0.4	10	1
F42400-2221	20L, Clear	0.7	20	1
F42400-2241	20L, UV Amber	0.7	20	1

Round Style Lab Companion™ Vacuum Desiccators

F42400-2241

F42400-2021   F42400-2121

For more information including dimensions, weights, additional shelves and accessories visit www.belart.com

Aero Emergency Eye Wash Solution;
Buffered pH Neutralizing, Stations and Bottles

NEW

All-in-One Solution Provides Immediate First Aid for the Eyes

- Sterile saline combined with buffered, pH neutralizing solution helps relieve irritation and discomfort; minimizes the likelihood of permanent damage
- For laboratories, classrooms, work sites, public facilities and more
- 4 year shelf life from date of manufacture
- Meets all FDA requirements for eye wash including buffered pH solution and preservative as per 21 CFR part 349
- Unique eye-opener allows used fluids and contaminants to flow away from the eye (16oz and 32oz bottles)

This product available only in the United States

HELPS THE EYE RETURN TO A NORMAL 7.4 PH LEVEL BY QUICKLY NEUTRALIZING CORROSIVE CHEMICALS

PREVENTS EYE DAMAGE FROM ACIDS AND CORROSIVE SUBSTANCES THAT CAN OCCUR AFTER ONLY 10 SECONDS!

CATALOG NO.	DESCRIPTION	RINSE TIME
F24882-0001	1/2oz (Pack of 5)	12 sec
F24882-0005	5oz (Pack of 3)	35 sec
F24882-0016	16oz with Eye-Opener (Pack of 3)	1 min. 45 sec
F24882-0032	32oz with Eye-Opener (Pack of 3)	3 min. 30 sec
F24882-5016	Wall-Mount Station, Dual 16oz Bottles	1 min. 45 sec per bottle

Labmat™ Bench Liner Rolls & Sheets

White or Biohazard Safety Orange

- Speeds clean-up and safeguards work surfaces from stains, spills and wear
- Highly absorbent upper surface traps up to 420ml/m² of water, dyes, corrosive chemicals or radioactive solutions
- Flexible polyethylene film backing is non-skid and prevents soak-through of most solutions

CATALOG NO.	DESCRIPTION
F24675-0000	White 50 ft. roll
F24675-0020	Cut Sheets, box of 100 – White, 50.8 x 61cm (20 x 24")
F24675-1000	Safety Orange for biohazard designated use. 50 ft. roll

Safety Cutter

Faster than Scissors, Safer then Utility Knives

- Easily and safely cut LabMat™ Bench Liner as well as plastic "clamshell" packaging, shrink-wrap and much more
- Ceramic blade will not cut fingers or rust
- Pack of 3 for convenient placement around the lab

CATALOG NO.	DIMENSIONS
F21012-0000	6 x 3 x 0.5cm (2⅜ x 1³⁄₁₆ x ³⁄₁₆")

Buchner Funnel Trowel

Have Your Cake and Smooth it Too!

- Large surface quickly and efficiently smooths fissures appearing during the filtration process
- Beveled edges permit bi-directional smoothing; curved ends allow easy access to the entire cake surface in Buchner Funnels
- FDA-grade HDPE complies with industry standards and provides maximum chemical-resistance

Product Video:
www.belart.com/NewVid

HDPE • MADE IN USA

CATALOG NO.	DIMENSIONS (L x W x H)	WEIGHT
F36820-0118	19 x 7.6 x 12cm (7½ x 3 x 4¾)	0.8lb

Battery Powered Engraving Tool

Permanently Mark Tools & Sample Containers

- Cordless battery power!
- Permanently etches most materials including glass, plastic, wood, metal, bone, and stone
- Marks will not fade if exposed to chemicals or sunlight
- Convenient stand (sold separately) holds engraver and extra tip

Product Video:
www.belart.com/NewVid

PP

CATALOG NO.	DESCRIPTION
F44150-0005	Battery Powered Engraving Tool
F44150-0015	Engraving Tool Stand

Compact Support Stand

Sturdy Stand; Small Footprint

- Supports a wide variety of plasticware and labware
- Polypropylene base with 3 holes (ends and center) for 9.4mm diam (3/8") x 50cmL (193/4") stainless steel support rod
- Base measures 21 x 16cm (81/4 x 61/4") x 4.5cmH (13/4"); Weight: 1.95kg (4.3lb)
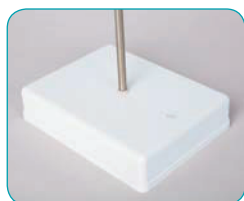
Funnel, ring clamp and flask not included.
Larger support stand, Catalog No. H18303-0000
available at www.belart.com

⚠ See page 28

PP • STAINLESS STEEL • A • MADE IN USA

CATALOG NO.	DESCRIPTION
H18303-0005	Compact Support Stand

Break-Safe™ Ampule Opener

Safely Open 3 Ampules With One Hand

- Open up to 3 ampules easily and safely with one-handed operation
- Keeps broken (sharp) ampule necks contained within the device and away from fingers
- Includes 4 inserts for 1ml, 2ml, 5ml and 10 ml ampules

Product Video:
www.belart.com/NewVid

MADE IN USA

CATALOG NO.	DIMENSIONS (L x W x H)
F38952-0000	9.5 x 7.6 x 8.3cm (3¾" x 3" x 3¼")

Portable Glove Box System

Create a Gas Specific Workspace

- Lightweight, self-contained portable isolation cabinet
- 6" circular glove ports with 22" gloves; 8" diameter side port allows easy insertion of material and equipment
- 2 rear gas ports with tapered fittings accept 1/4" to 3/8" I.D. tubing

NOTE: For Portable Glove Box System without gas ports, catalog no. H50028-2000, visit www.belart.com

⚠ See page 28

LDPE PTFE MADE IN USA

CATALOG NO.	DESCRIPTION	DIMENSIONS (L x W x H)	VOLUME
H50028-2001	Ready to Use Glove Box System with 2 Gas Ports, 1 pair of gloves and 2 clamping rings	68.5 x 40.6 x 55cm (27 x 16 x 22") with gas ports	126.5 Liters (7722 cu in)

H-B® DURAC® Plastic Plain Form Hydrometers

Shatterproof Polycarbonate Prevents Contamination

- Optical quality polycarbonate is durable and shatterproof; Ideal for use in food & beverage, field work, or any time breakage is possible*
- Easy to read black scale on yellow back to help avoid eye fatigue
- Multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy indicating accuracy traceable to NIST

Hydrometer Calibration Services Available. Visit www.hbcalibration.com

*Note: Polycarbonate hydrometers are not recommended for use with petroleum-based liquids or other corrosives that would potentially affect the plastic material. They should be stored in a clean, dry, safe place and should not be subjected to extreme temperatures.

PC MADE IN USA

CATALOG NO.	RANGE	DIVISIONS	LENGTH	ACCURACY
Specific Gravity				
B61800-0000	1.000/1.180	0.002	300mm	±0.002
B61800-0100	0.920/1.080	0.002	300mm	±0.002
B61800-0200	1.050/1.220	0.002	300mm	±0.002
B61800-0300	1.200/1.420	0.002	300mm	±0.002
B61800-0400	1.400/1.620	0.002	300mm	±0.002
Salt Brine				
B61800-0500	0/80%	1%	300mm	±1%
B61800-0600	10/100%	1%	300mm	±1%
Sodium Chloride (NaCl)				
B61800-1000	4/26.4%	0.2%	300mm	±0.2%
Baume				
B61800-0700	0/12°	0.2°	255mm	±0.2°
B61800-0800	9/21°	0.2°	255mm	±0.2°
B61800-0900	19/31°	0.2°	255mm	±0.2°
Brix				
B61800-1100	0/35°	0.5°	300mm	±0.5°
B61800-1200	15/50°	0.5°	300mm	±0.5°

⚠ See page 28

For complete product information, contact your local Bel-Art – SP Scienceware distributor, or visit belart.com

H-B® DURAC® Triple Scale Beer and Wine Hydrometers

Monitor Fermentation from Start to Finish

- Three scales: Specific Gravity, Potential Alcohol by Volume (PAV), and Brix provide invaluable data points when crafting beer, wine, kombucha, mead, cider, and more in either a commercial or home brew setting
- Manufactured in strict accordance with NIST as outlined in NBS Circular 555 Military STD-45662A and ISO 17025 where applicable

Available in 3 styles:

Shatterproof (B61800-6100) Removes risk of contamination due to breakage

Polycarbonate (B61800-6000) Glass-like clarity with shatterproof strength

Glass (B61807-7100) Standard glass design provides inexpensive fermentation monitoring

Recommend testing in Hydrometer Jar H17817-0000 (sold separately).

⚠ See page 28

PLASTIC   PC   GLASS

CATALOG NO.	RANGE	DIVISIONS	ACCURACY
B61800-6100	1.00 - 1.15 SpGr, 0-35° Brix % Alcohol by Volume: 0-20%	±0.005 SpGr, 1° Brix % Alcohol by Volume: 1%	±0.005 SpGr 1° Brix
B61800-6000	0.99- 1.162 SpGr, 0-35° Brix % Alcohol by Volume: 0-20%	±0.002 SpGr, 0.5° Brix % Alcohol by Volume: 0.5%	±0.002 SpGr 0.5° Brix
B61807-7100	0.99- 1.162 SpGr, 0-35° Brix % Alcohol by Volume: 0-20%	±0.002 SpGr, 0.5° Brix % Alcohol by Volume: 0.5%	±0.002 SpGr 0.5° Brix

Hydrometer Calibration Services Available. Visit www.hbcalibration.com

B61800-6100   B61800-6000   B61807-7100

Magic Touch 2™ Ice Buckets and Ice Pans

9.0L Maxi Ice Pan, available with or without lid

4.0L Midi Ice Pan

4.0L Ice Bucket

1.0L Mini Ice Pan

2.5L Ice Bucket

Chilling Has Never Been So Good

- Excellent insulating properties; temperature range: -196° to 100°C (-321° to 212°F)
- Use with ice, dry ice, dry ice alcohol slurries or liquid nitrogen
- Unbreakable under normal use conditions
- Expanded lightweight urethane is durable, non-sweating and impervious to moisture and odors
- Features convenient pour spout, drip-proof rim, fill line indicator and snug fitting lid*; Stackable

MADE IN USA

COLOR	2.5L Bucket w/Lid	4.0L Bucket w/Lid	1.0L Ice Pan w/Lid	4.0L Ice Pan w/Lid	9.0L Ice Pan w/Lid	9.0L Ice Pan w/o Lid
Blue	M16807-2001	M16807-4001	M16807-1101	M16807-4101	M16807-9101	M16807-9901
Black	M16807-2002	M16807-4002	M16807-1102	M16807-4102	M16807-9102	M16807-9902
Red	M16807-2003	M16807-4003	M16807-1103	M16807-4103	M16807-9103	M16807-9903
Green	M16807-2004	M16807-4004	M16807-1104	M16807-4104	M16807-9104	M16807-9904

*1L ice pan does not include pour spout or fill line indicator

Cryogenic Storage Labels

Labels that Stand Up to Extreme Cold, Even Liquid Nitrogen

- Organize and label samples for short or long-term cold storage
- Ideal for environments down to -196°C
- Dot and rectangle shaped labels sized for 0.5 to 2.0ml cryogenic tubes

Get your free sample at
www.belart.com/sample

CATALOG NO.	COLOR	FITS	LABEL	SIZE	INCLUDES
Sheets					
F13491-3301	White	1.5-2ml Tubes	Rectangular	33W x 13mmH	20 sheets, 1700 total labels
F13491-6725	White	Racks/Boxes	Rectangular	67W x 25mmH	20 sheets, 600 total labels
F13491-9501	White	0.5-1.5ml Tubes	Round Dot	9.5mm Dia.	20 sheets, 3840 total labels
F13491-1301	White	1.5-2ml Tubes	Round Dot	13mm Dia.	20 sheets, 3840 total labels
F13491-3302	Assorted	1.5-2ml Tubes	Rectangular	33W x 13mmH	25 sheets, 2125 total labels
Rolls					
F13492-9501	White	0.5-1.5ml Tubes	Round Dot	9.5mm Dia.	1 Roll, 1000 total labels
F13492-9502	Assorted	0.5-1.5ml Tubes	Round Dot	9.5mm Dia.	1 Roll, 5000 total labels
F13492-1301	White	1.5-2ml Tubes	Round Dot	13mm Dia.	1 Roll, 1000 total labels
F13492-1302	Assorted	1.5-2ml Tubes	Round Dot	13mm Dia.	1 Roll, 5000 total labels
F13492-3301	White	1.5-2ml Tubes	Rectangular	33W x 13mmH	1 Roll, 1000 total labels

Write-On™ Label Tape

Great for Use in Low Temperature Applications

- Use with pencil, ball-point pen or solvent ink marker
- Resists moisture and most solvents; peels off without leaving a sticky residue
- Maximum temperature of 157°C (315°F) for 30 minutes or 80°C (176°F) for 24 hours; can be used down to -80°C (-112°F)
- Withstands steam autoclaving cycle at 121°C (250°F) and gamma irradiation between 13.0 and 45.0kGy

See our tape dispensers at www.belart.com

MADE IN USA

CATALOG NO.	W x L	COLOR	CATALOG NO.	W x L	COLOR
F13480-0050	½" x 15yds, 1" core	White	F13482-0050	½" x 15yds, 1" core	Green
F13480-0075	¾" x 15yds, 1" core	White	F13482-0075	¾" x 15yds, 1" core	Green
F13480-0100	1" x 15yds, 1" core	White	F13482-0100	1" x 15yds, 1" core	Green
F13483-0050	½" x 40yds, 3" core	White	F13486-0050	½" x 40yds, 3" core	Green
F13483-0075	¾" x 40yds, 3" core	White	F13486-0075	¾" x 40yds, 3" core	Green
F13483-0100	1" x 40yds, 3" core	White	F13486-0100	1" x 40yds, 3" core	Green
F13490-0050	½" x 60yds, 3" core	White	F13484-0050	½" x 40yds, 3" core	Red
F13490-0075	¾" x 60yds, 3" core	White	F13484-0075	¾" x 40yds, 3" core	Red
F13490-0100	1" x 60yds, 3" core	White	F13484-0100	1" x 40yds, 3" core	Red
F13481-0050	½" x 15yds, 1" core	Yellow	F13487-0050	½" x 40yds, 3" core	Blue
F13481-0075	¾" x 15yds, 1" core	Yellow	F13487-0075	¾" x 40yds, 3" core	Blue
F13481-0100	1" x 15yds, 1" core	Yellow	F13487-0100	1" x 40yds, 3" core	Blue
F13485-0050	½" x 40yds, 3" core	Yellow	F13488-0050	½" x 40yds, 3" core	Orange
F13485-0075	¾" x 40yds, 3" core	Yellow	F13488-0075	¾" x 40yds, 3" core	Orange
F13485-0100	1" x 40yds, 3" core	Yellow	F13488-0100	1" x 40yds, 3" core	Orange

For complete product information, contact your local Bel-Art – SP Scienceware distributor, or visit belart.com

Flowmi™ Cell Strainers for 1000 Microliter Pipette Tips

Preserve Small Volume Samples and Avoid FLOW and FACS* Clogs!

- Fast and efficient filtering of small volume samples (up to 1000µl) prior to FLOW or FACS* analysis; decreases potential for clogging
- Preserves sample volume, removes cell aggregates and creates uniform single cell suspensions
- Fits most 1000µl tips including Fisherbrand Sure-One, VWR brand, Axygen, Nichiryo and Eppendorf and more
- Sterile, 40µm or 70µm porosity

Get your free sample at www.belart.com/sample

Flowmi – Smart. Effective. Innovative.

Aspirate sample into 1000µl tip

Press FLOWMI onto pipette tip

Strain sample into tube

Waste

Eject to dispose of tip and FLOWMI

Actual Size

Product Video:
www.belart.com/NewVid

⚠ See page 28

CATALOG NO.	POROSITY
H13680-0040	40 Micron
H13680-0070	70 Micron

* FACS is a registered trademark of Becton-Dickinson Corporation
Recommended for use with samples having a maximum concentration of 2 million cells/ml (40µm) or 4 million cells/ml (70µm).

Vacuum Aspirator Collection Systems with Pump

Self-Contained - No External Vacuum System Required

- Ideal for vacuum aspiration of a variety of liquids, including tissue culture media, supernatants, and chemical wastes
- HiFlow model* works with up to 8-channel pipette tips, even with 4 channels empty and includes quick disconnects to bottle

⚠ See page 28

* HiFlow model is CE marked and CSA certified

PVC PP MADE IN USA

CATALOG NO.	DESCRIPTION
F19917-0150	Original Pump System, 23.2 x 17.1 x 43.8cm (9⅛ x 6¾ x 17¼"H)
F19917-0250	HiFlow Pump System, 23.2 x 17.1 x 43.8cm (9⅛ x 6¾ x 17¼"H)

CultureTemp 37°C Warming Plate

Maintain the Perfect Cell Temperature Outside the Incubator

- Keep dishes outside the incubator longer; 37°C (+/-1°C) plate protects cell viability
- Reduces cell stress and allows enzymes like trypsin to work efficiently
- Fits easily in a cell culture hood or on the workbench
- UV resistant housing will not break down under germicidal UV lights
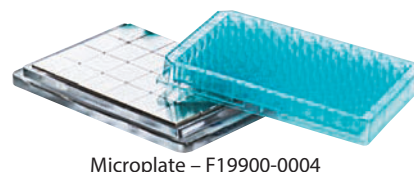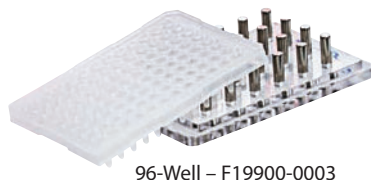
Product Video:
www.belart.com/NewVid

⚠ See page 28

PP MADE IN USA

CATALOG NO.	VOLTAGE
F37015-0000	120V
F37015-1000	220V, CE Marked

Magnetic Bead Separation Racks

Removable Sleeves for More Efficient Liquid Transfer

- Independent tube sleeves on 50ml and 15/5ml models make addition and removal of liquids easier; Patent Pending
- Spring plunger on tube sleeves of 1.5ml to 50ml models allows beads to be sequestered at various heights along the tube wall
- 24 vertical magnets on the 96-well PCR plate model hold the plate securely while attracting beads to tube walls
- Microplate model with flat magnets accepts all standard micro-plates with any number of wells

15/5ml – F19900-0001

50ml – F19900-0000

1.5ml – F19900-0002

96-Well – F19900-0003

Microplate – F19900-0004

⚠ See page 28

ACRYLIC

CATALOG NO.	HOLDS
F19900-0000	Three 50ml Tubes
F19900-0001	Six 5 or 15ml Tubes
F19900-0002	Ten 1.5 to 2.0ml Microcentrifuge Tubes
F19900-0003	One 96-well PCR Tube Plate
F19900-0004	One Standard Size Flat Microplate

Hand-Held Colony Counter

Improve Count Accuracy

- Lightweight, pen-style device marks, counts, and gives an audible and visual alert each time a count is registered
- Stores up to 35 sample counts; verify sample counts with up/down counting
- Backlit display for easy viewing in low light conditions
- Counting function can be locked to prevent error during breaks between counting

Protective Storage Case Included

⚠ See page 28

CE

CATALOG NO.	DESCRIPTION
F37862-0002	Hand-Held Colony Counter, CE marked
H37862-0102	Replacement Felt Tip Pen, Black
H37862-0152	Replacement Felt Tip Pen, Red
H37862-0202	Replacement Colony Counter Battery, 3V

Antibody Saver Tray Sets; Disposable/Reusable

Sized to Reduce Antibody Usage in Western Blots

- Reduce antibody volume by using only the tray/lane(s) needed
- Included lid protects samples and allows stacking
- Dispose or reuse based on your needs

F45100-0010
Mini Blot Set

F45100-0020
Midi Blot Set
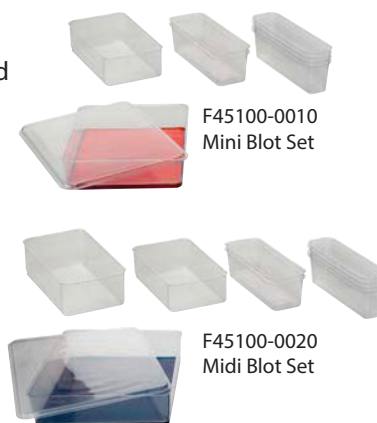
Get your free sample at
www.belart.com/sample

⚠ See page 28

PVC **MADE IN USA**

CATALOG NO.	DIMENSIONS (L x W)
F45100-0010	13 x 10cm (5⅛ x 3⅞") Full Blot
F45100-0020	18.5 x 15cm (7¼ x 5⅞") Full Blot

For complete product information, contact your local Bel-Art – SP Scienceware distributor, or visit belart.com

12-Well Tissue Disaggregator

Save Time; Improve Cell Viability

Cell culture plate and lid not included

- Achieve effective and economical disaggregation of soft tissue to produce cell isolates for culture or flow cytometry
- Twelve wells speed processing time and reduce per sample costs; mates perfectly with industry standard 12-well culture plates
- Use with sterilized, individually packaged doube-ended pestles (F19911-0001)

70 mesh stainless steel screens
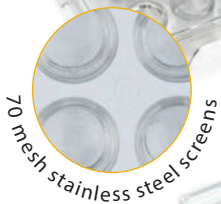
Double Ended Pestle
F19911-0001

⚠ See page 28

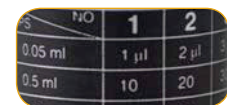| CATALOG NO.	DESCRIPTION
F37844-0000	12-Well Tissue Disaggregator, reusable

Roxy M™ Repeating Pipettor

Repeatable Performance with Personality

- Repetitive pipetting of volumes from 1 to 5000 µl.
- Ambidextrous design, one-handed volume selection and dispensing; lightweight (105g)
- Use with Scienceware® Roxy M™ sterile or non-sterile tips available in 8 sizes
- Maintenance-free; factory sealed and calibrated; serial number identification and certificate of conformity

Adapter for use with 25 and 50ml tips

S	NO	1	2
0.05 ml		1 µl	2 µl
0.5 ml		10	20

Convenient chart of Dispensing Volumes

⚠ See page 28

CATALOG NO.	DESCRIPTION
F37310-0000	Roxy M™ Repeating Pipettor
F37300-0050	Extra Adapter Set for 25 and 50ml Tips, 3 pack

Roxy M™ Universal Fit Repeating Pipettor Tips

Universal Fit, Reliable Performance

- Fit most manual repeating pipettors including Roxy M™, Eppendorf® Multipette® 4780, Brand HandyStep® S, Fisherbrand® Repeating Pipetter, VWR® Repeating Pipettor, Gilson Distriman®, and Scilogex® StepMate Repeater Pipettor
- Internal plunger prevents liquid from contacting any part of the pipettor, eliminating the risk of contamination
- Sterile tips are individually packaged and bioclean® certified to be pyrogen-free, DNA-free, RNase-free, and ATP-free; ISO 9001:2000 facility

bioclean®

Get your free sample at
www.belart.com/sample

TIP SIZE	PACK QUANTITY	CATALOG NO. NON-STERILE	CATALOG NO. STERILE
0.05ml	100	F37300-0000	F37300-0017
0.5ml	100	F37300-0001	F37300-0010
1.25ml	100	F37300-0002	F37300-0011
2.5ml	100	F37300-0003	F37300-0012
5.0ml	100	F37300-0004	F37300-0013
12.5ml	100	F37300-0005	F37300-0014
25ml†	25	F37300-0008	F37300-0015
50ml†	25	F37300-0009	F37300-0016
Assortment*	45	F37300-0100	–

† Adapter required to use 25ml and 50ml tips (F37300-0050 - supplied with repeating pipettor and available separately in a 3-pack)

*5 each of sizes 0.05ml to 25ml non-sterile, and 5 each of 2.5ml and 5.0ml sterile

Fast Release Pipette Pump II Pipettors

Features Rapid Release Valve for Quick Dispensing

- Thumb wheel allows precise aspiration and gradual dispensing
- Fast release lever opens valve for rapid dispensing
- Securely holds glass or plastic serological pipettes

CATALOG NO.	PIPETTE UP TO	COLOR
F37911-1002	2ml	Blue
F37911-1010	10ml	Green
F37911-1025	25ml	Red

Polypropylene Freezer Boxes

Hold Up to Demanding Temperatures

- 25-place 5ml conical tube box fits standard 3" ULT freezer racks
- 81-place micro tube / cryo vial box fits standard 2" ULT freezer racks
- Temperatures to -86°C (-187°F)

F18852-0017

F18852-0018

CATALOG NO.	HOLDS	DIMENSIONS (L x W x H)
F18852-0018	1.5 to 2ml micro tubes / cryo vials	13.3 x 13.3 x 5.1cm (5.25 x 5.25 x 2.0")
F18852-0017	5ml Conical Centrifuge Tubes (13-16mm diam) including Eppendorf* brand	13.3 x 13.3 x 6.4cm (5.25 x 5.25 x 2.5")

*Eppendorf is a registered trademark of Eppendorf AG.

Modular Ultra-Low 5 Box Freezer Racks

Your Freezer, Racked Your Way

- Customize freezer space by linking these modular ultra low freezer racks side-by-side and vertically
- Pull out trays for easy sample retrieval; each hold 5 freezer boxes up to 5¼ x 5¼ x 2"H
- Optional top cover provides flat shelf space for additional storage

Product Video
www.belart.com/NewVid

⚠ See page 28

MADE IN USA
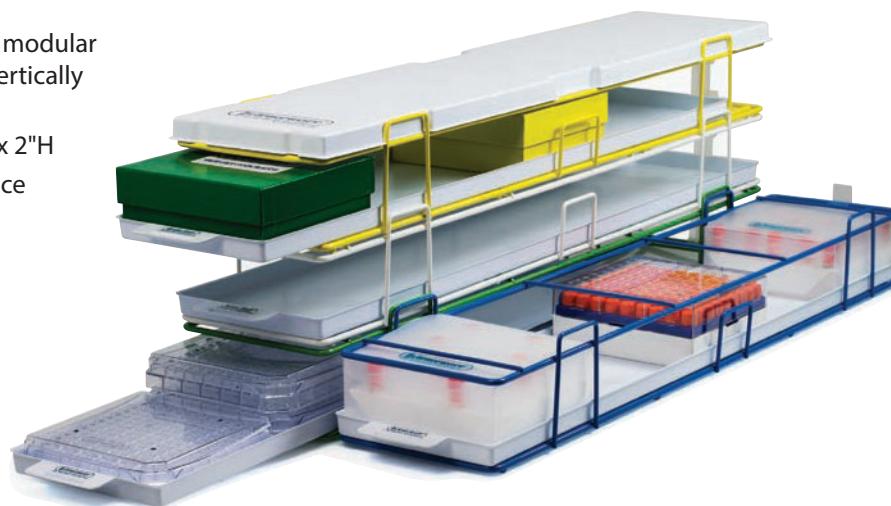
CATALOG NO.	DESCRIPTION	DIMENSIONS (L x W x H)
H18992-0002	White Rack with drawer	68.6 x 15.2 x 8.9cm (27 x 6 x 3½")
H18992-0012	Blue Rack with drawer	68.6 x 15.2 x 8.9cm (27 x 6 x 3½")
H18992-0022	Yellow Rack with drawer	68.6 x 15.2 x 8.9cm (27 x 6 x 3½")
H18992-0032	Green Rack with drawer	68.6 x 15.2 x 8.9cm (27 x 6 x 3½")
H18992-0000	Freezer Rack Top Cover	68.9 x 14.9 x 1.7cm (27⅛ x 5⅞ x 11/16")

PCR Tube Freezer Storage Box, 144 Place

Durable and Moisture Resistant
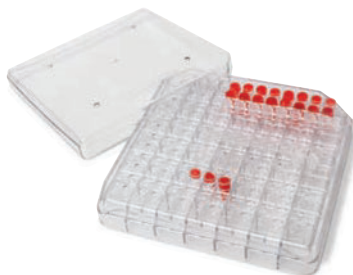
• Holds individual and/or strip 0.2ml PCR tubes; fit 2" freezer racks (2 boxes high)
• ULT storage at temperatures down to -86°C
• Clear polycarbonate with alpha-numeric index for easy sample tracking

⚠ See page 28

CATALOG NO.	DIMENSIONS (L x W x H)
F18837-0000	13.2 x 13.2 x 2.5 cm (5¼ x 5¼ x 1")

81 and 100-place Polypropylene Freezer Storage Boxes

Durable Freezer Storage

• Safe for use at -80° C to +121°C (-112°F to +249°F)
• Hold 0.5, 1.5 and 2.0ml tubes and cryo vials
• 81-place with lift off lid; 100-place with hinged lid

F18851-0017
Opaque black for light sensitive samples

F18852-0016

81-Place
Dimensions: 14 x 14 x 4.8cmH (5.5 x 5.5 x 1.9")

100-Place
Dimensions: 15.4 x 14.3 x 5.6cmH (6 x 5.7 x 2.2"H)

CATALOG NO.	DESCRIPTION
F18852-0011	81-Place, Natural
F18852-0012	81-Place, Blue
F18852-0013	81-Place, Green
F18852-0014	81-Place, Orange
F18852-0015	81-Place, Purple
F18852-0016	81-Place, 1 each color
F18851-0011	100-Place, Natural
F18851-0012	100-Place, Blue
F18851-0013	100-Place, Green
F18851-0014	100-Place, Orange
F18851-0015	100-Place, Purple
F18851-0016	100-Place, 1 each color (no black)
F18851-0017	100-Place, Opaque Black

Pop Up 2" Polypropylene Freezer Box

Ships Flat, Stores Flat

• Fit into standard 2" freezer storage racks; shipped flat and assemble in seconds
• Sturdy; withstands the rigors of a low temperature environment (-86°C)
• Polypropylene; reusable and will not stick to icy racks or shelves
• Indexed dividers fit into this or any 5¼ x 5¼" freezer box; hold 81 vials (12mm)

Product Video
www.belart.com/NewVid

Get your free sample at www.belart.com/sample

CATALOG NO.	DESCRIPTION
F18829-0012	2" Freezer Box & 81-place Divider
F18829-0000	2" Freezer Box Only
F18829-0001	81-place Divider Only

5ml Centrifuge Tube Rack

Sturdy Rack Holds 40 - 5ml Tubes

• Holds 5ml centrifuge tubes or other tubes with a diameter of 13-16mm
• End plates have handles for easy transport and stacking
• Top shelf height: 3.4cm (11/3")

CATALOG NO.	PLACES	ROWS	DIMENSIONS (L x W x H)
F18513-4640	40	4 x 10	26.0 x 11.3 x 10.5cm (10½ x 4½ x 4⅛")

Floating Centrifuge Tube Racks

Work on the Benchtop, Float in the Water Bath

- Tubes are held tightly to assure no "pop-up" tubes or "floaters"
- Pressing the legs of the rack on the bench will loosen tubes for easy removal
- Open style rack gives tubes maximum contact with the water for better temperature control of samples

F18845-0050

F18845-0080

CATALOG NO.	HOLDS	PLACES
F18845-0080	1.5ml-2.0ml MCT Tubes (10-12mm diameter)	60
F18845-0050	5ml Centrifuge Tubes (13-16mm diam), *including Eppendorf* brand*	24

*Eppendorf is a registered trademark of Eppendorf AG.

PrepSafe Microcentrifuge Tube Mini Floating Racks

Tabs Keep Tubes Secure & Caps Closed

- Slide tubes under the immobilizing tabs to keep tubes in place and caps closed when under pressure, floating or submerged
- Use in water baths, ice or on the benchtop
- Optional vortexing attachment allows 12 tubes to be vortexed at one time

Product Video
www.belart.com/NewVid

MADE IN USA

CATALOG NO.	DESCRIPTION
F18742-0120	Natural
F18742-0121	Turquoise
F18742-0122	Fuchsia
F18742-0123	Neon Yellow
F18742-0124	Natural with Vortexing Attachment
F18742-0125	Turquoise with Vortexing Attachment
F18742-0126	Fuchsia with Vortexing Attachment
F18742-0127	Neon Yellow with Vortexing Attachment
F18742-0140	Removable Vortexing Attachment

Reversible Tube Racks - Microcentrifuge and PCR

Double-sided Storage

- Compact, double-sided racks
- Freezer storage down to -80°C (-112°F)

96-Well MCT Racks

- Holds 0.5ml on one side or 1.5ml and 2.0ml microcentrifuge tubes on the other side
- 8 x 12 array, alphanumeric grid
- 14 colors to choose from

F18845-0029

CATALOG NO.	DESCRIPTION
F18845-0009	Natural
F18845-0010	Lavender
F18845-0011	Black
F18845-0025	Green
F18845-0026	Orange
F18845-0027	Pink
F18845-0028	Yellow
F18845-0029	Blue
F18845-0030	Red
F18845-0031	1 each, Assorted Colors
F18845-0100	Cover- Translucent

For additional colors and more information, visit www.belart.com

80-Well PCR and MCT Racks

- Holds sixty 0.2ml thin-walled PCR tubes on one side and eighty 1.5/2.0ml microcentrifuge tubes on the other side
- 12 colors to choose from
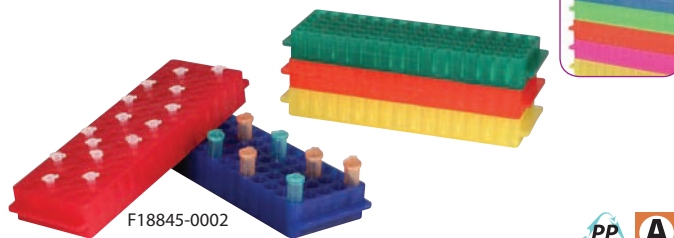
F18845-0002

CATALOG NO.	DESCRIPTION
F18845-0001	Natural
F18845-0003	Blue
F18845-0004	Green
F18845-0005	Orange
F18845-0006	Pink
F18845-0007	Yellow
F18845-0008	Red
F18845-0002	1 each, Assorted Colors

For additional colors and more information, visit www.belart.com

96-Well PCR Racks

Compact PCR Tube Storage and Protection

- 96-wells hold PCR strips or individual tubes
- 8 x 12 array, alphanumeric grid
- Cover protects samples and allows viewing without removal

F18902-0005

CATALOG NO.	DESCRIPTION
F18902-0001	Fluorescent Blue
F18902-0002	Fluorescent Green
F18902-0003	Fluorescent Pink
F18902-0004	Fluorescent Yellow
F18902-0005	1 each, Assorted Fluorescent Colors: Blue, Green, Pink, Yellow, Orange
F18902-0006	Fluorescent Orange

Poxygrid 500ml Centrifuge Tube Rack

Keeps 500ml Centrifuge Tubes Upright and Secure

- Unaffected by organic solvents, salts, weak acids and weak alkalis
- Temperature range: -223°C (-369°F) to 121°C (250°F); autoclavable

⚠ See page 28

CATALOG NO.	PLACES	DIMENSIONS (L x W x H)
F19856-0500	4	20.3 x 20.3 x 7.6cm (8 x 8 x 3")

Switch-Grid Test Tube Racks

Our Most Flexible Rack Ever

- Split-frame can hold 2 different size tubes
- 10mm to 30mm diameter test tubes fit in 5 color-coded, easily interchangeable grid inserts
- Save storage; additional grid sizes can be purchased separately
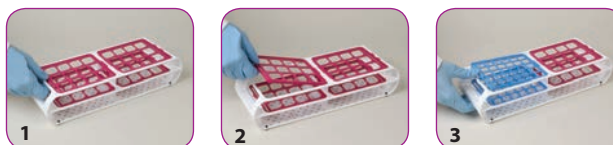
1: Release the spring latch
2: Lift out the grid
3: Insert alternate size grid

Product Video
www.belart.com/NewVid

⚠ See page 28

Rack frame overall dimensions:
31.8L x 11.1W x 6.7cmH (12½ x 4⅜ x 2⅝")

CATALOG NO.	DESCRIPTION	HOLDS TUBES	FULL RACK CAPACITY	QUANTITY
F18745-0010	Rack with Orange Grids	10-13mm	84 (14 x 6)	Each
F18745-0011	Rack with Blue Grids	13-16mm	60 (12 x 5)	Each
F18745-0012	Rack with Green Grids	16-20mm	40 (10 x 4)	Each
F18745-0013	Rack with Fuchsia Grids	20-25mm	24 (8 x 3)	Each
F18745-0014	Rack with Yellow Grids	25-30mm	12 (6 x 2)	Each
F18745-1300	Set of 4 Grids, Orange	10-13mm	–	Pack of 4
F18745-1600	Set of 4 Grids, Blue	13-16mm	–	Pack of 4
F18745-2000	Set of 4 Grids, Green	16-20mm	–	Pack of 4
F18745-2500	Set of 4 Grids, Fuchsia	20-25mm	–	Pack of 4
F18745-3000	Set of 4 Grids, Yellow	25-30mm	–	Pack of 4
F18745-0045	Rack Frame Only	–	–	Each

Poxygrid 60 & 150 Place Test Tube Racks

Organize and Process High Volumes of Samples

- Easy-to-clean, epoxy coated steel wire; unaffected by organic solvents, salts, weak acids and weak alkalis
- Temperature range: -223°C (-369°F) to 121°C (250°F)
- All racks have square holes, three decks, a slotted grid bottom and reinforced edges
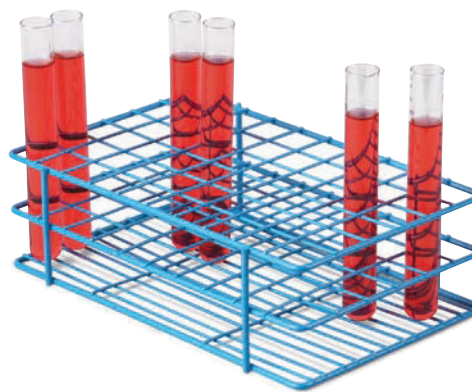
For the full range of Poxygrid Rack sizes and colors, visit www.belart.com, keyword *Poxygrid*

⚠ See page 28

CATALOG NO.	TUBE SIZE	PLACES	ROWS	COLOR	TOP DECK HEIGHT	DIMENSIONS (L x W x H)
F18751-0160	10-13mm	60	6 x 10	Blue	6.4cm (2.5")	17.5 x 11.4 x 6.4cm (6⅞ X 4½ X 2½")
F18752-1150	10-13mm	150	10 x 15	Blue	6.4cm (2.5")	25.6 x 17.9 x 6.4cm (10¹/₁₆ X 7¹/₁₆ X 2½")
F18756-0160	13-16mm	60	6 x 10	Blue	6.4cm (2.5")	20.3 x 12.9 x 6.4cm (8 X 5¹/₁₆ X 2½")
F18760-1150	13-16mm	150	10 x 15	Blue	6.4cm (2.5")	30.5 x 21 x 6.4cm (12 X 8¼ X 2½")
F18763-0160	16-20mm	60	6 x 10	Blue	8.3cm (3.25")	24.4 x 15.6 x 8.3cm (9⅝ X 6⅛ X 3¼")
F18774-0160	20-25mm	60	6 x 10	Blue	8.3cm (3.25")	29.5 x 18.7 x 8.3cm (11⅝ X 7⅜ X 3¼")

Ⓐ MADE IN USA

Test Tube Capper

Eliminates Sore Fingers

- Eliminates fatigue and soreness of hands and fingers from the repetitive task of applying test tube caps
- Cap tubes in a rack or while being held in the hand
- Designed for use with recessed center caps, use tip to apply pressure to cap center and securely cap tubes

Product Video
www.belart.com/NewVid

PP STAINLESS STEEL MADE IN USA

| CATALOG NO.	DIMENSIONS (DIAM. x H)
F18799-0000	4.4 x 8.9cm (1¾ x 3½")

Wire Rack I.D. Tags

It's Like a Whiteboard for Your Rack

- Snap-on I.D. tags let you easily label wire racks; fit 3mm (1/8") or 5mm (3/16") wire
- Use with permanent marker, dry-erase marker or a pressure sensitive adhesive label

SAMPLE 1

PP Ⓐ MADE IN USA

CATALOG NO.	DIMENSIONS (L x W x H)
F13446-0000	8.9 x 3.8 x 0.3cm (3½ x 1½ x ⅛")

Bottles, Vials and Test Tube Racks
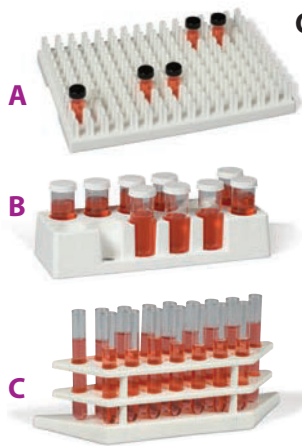
Organize Vials, Bottles & Tubes

A. Miniature Vial Caddy
- Holds 150 miniature vials up to 17mm diameter

B. Vial, Bottle and Tube Rack
- 12 wells hold containers up to 32mm in diameter

C. Tiered Test Tube Rack
- 16-place rack holds tubes 10-13mm in diameter

CATALOG NO.	DESCRIPTION	DIMENSIONS (L x W x H)
A. H18911-0150	Miniature Vial Caddy	32.4 x 21 x 4.8cm (12¾ x 8¾ x 1⅞")
B. H18921-0000	Vial, Bottle and Tube Rack	26.7 x 10.2 x 5.3cm (10½ x 4 x 2⅛")
C. H18862-0000	Tiered Test Tube Rack	23.9 x 6.4 x 6.6cm (9⅜ x 2½ x 2⅝")

NMR Sample Tube Racks

NMR Tube Storage with Easy Access

- Organize and protect thin-walled NMR tubes
- Stackable
- End plate handles make transport easy
- Holds up to 72 tubes in a 6 x 12 array

CATALOG NO.	TUBE SIZE
F18854-0003	3mm O.D.
F18854-0005	5mm O.D.

For a full selection of NMR Tubes, visit www.wilmad-labglass.com

## EcoTensil Disposable Paper Sampling Spoon

Coated Paper Stands Up to Gels and Semi-Solids

- Compostable and recyclable; low cost way to go green in the laboratory
- Use 50% - 90% less material and space than plastic spoons
- Stores flat; easily folds into a functional spoon for sampling and retrieving materials

Actual size

Bend to touch dots

PATENTS.ECOTENSIL.COM

Try Before You Buy
www.belart.com/sample

Save Space - 416 Spoons!
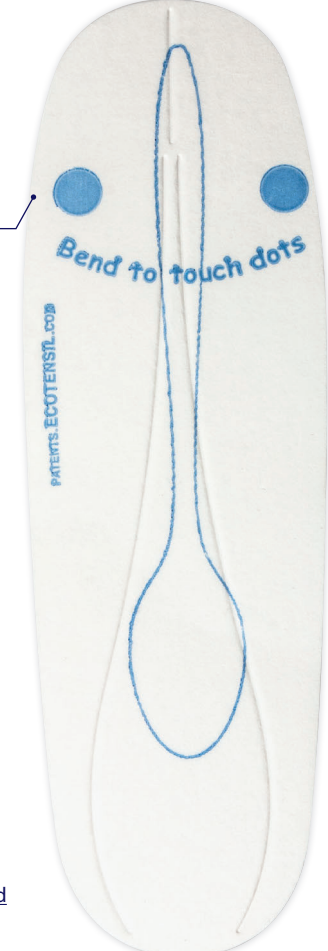
CATALOG NO.	DIMENSIONS (L x W)	APPROXIMATE CAPACITY
H36740-1030	5 x 1.5" (12.7 x 3.8 cm)	10ml

NOTE: EcoTensil® Spoons are not meant for measuring exact quantities of materials.

Product Video
www.belart.com/NewVid

Sterileware® Sense-able Scoops® Metal Detectable, Sterile Sampling Tools

Metal and X-ray Detectable Plastic
U.S. Patent 6,915,712 B1

- Scoops and scoop fragments as small as 1.6mm3 can be detected with standard metal detection and X-ray equipment
- Sterile, FDA grade polystyrene, safe for food, drug and cosmetic use
- Long handle on 2oz and 4oz scoops reduces contamination potential

Test compatibility with your metal detection equipment. Request a free sample at www.belart.com/sample

Testing Parameters

⚠ See page 28

CATALOG NO.	CAPACITY*	DIMENSIONS (L x W x H)	BOWL (L x W x H)	HANDLE LENGTH
H36902-0006	60ml (2oz)	20.5 x 4.1 x 2.9cm (8¹⁄₁₆ x 1⅝ x 1⅛")	7.8 x 4.1 x 2.9cm (3¹⁄₁₆ x 1⅝ x 1⅛")	12.7cm (5")
H36904-0006	125ml (4oz)	22.1 x 5.1 x 3.3cm (8¹¹⁄₁₆ x 2 x 1⁵⁄₁₆")	9.4 x 5.1 x 3.3cm (3¹¹⁄₁₆ x 2 x 1⁵⁄₁₆")	12.7cm (5")
H36906-0006	250ml (8oz)	19.1 x 5.4 x 4.9cm (7½ x 2⅛ x 1¹⁵⁄₁₆")	13.5 x 5.4 x 4.9cm (5⁵⁄₁₆ x 2⅛ x 1¹⁵⁄₁₆")	5.6cm (2³⁄₁₆")

*Capacity/volumes are estimated and are not meant for taking exact sample weights/volumes. Stated volumes represent typical heaping samples.

Sterileware® Bent Handle Sterile Scoops

Prevent Source Contamination

- Curved handle positions hand further from sample
- Reduces possibility of sample contamination and exposure of hands or personal protective equipment (PPE) to unwanted substances
- Sterile, FDA grade polystyrene, safe for food, drug and cosmetic use

Bent handle scoop elevates hand position further from the sample

⚠ See page 28

CATALOG NO.	CAPACITY*	DIMENSIONS (L x W x H)
H36902-2006	60ml (2oz)	19.4 x 4.1 x 2.9cm (7⅝ x 1⅝ x 1⅛")
H36904-2006	125ml (4oz)	19.4 x 4.1 x 2.9cm (7⅝ x 1⅝ x 1⅛")

*Capacity/volumes are estimated and are not meant for taking exact sample weights/volumes. Stated volumes represent typical heaping samples.

Sterileware® Sampling Spatulas

V-Shaped Spatula Ideal for Caked Granules or Powder

- Sturdy point for taking sterile samples and for piercing plastic-lined packages
- V-shape simplifies transferring powdered, flaked, crystalline or granular media
- FDA-grade materials; safe for food, drug and cosmetic contact

⚠ See page 28

CATALOG NO.	DESCRIPTION	OVERALL LENGTH	QTY
H36930-0000	Sterileware 9" Spatula	22.9cm (9")	100
H36930-0050	Sterileware 14" Spatula	35.6cm (14")	50
F37840-0000	Non-sterile 9" Spatula	22.9cm (9")	12

Earth-Friendly Sampling Tools

Less Environmental Impact Cradle to Grave

- 100% renewable plant-based resin, greener alternative to petroleum-based sampling tools
- Non-sterile, FDA grade; safe for food, drug and cosmetic contact
- Multiple disposal options including industrial composting, incineration, recycling and landfill

For more information on Earth Friendly Sampling Tools, visit www.belart.com

MADE IN USA

Long Handle Sampling Spoons

- Long handle for easy reach
- Perfect for retrieving small, specific volume samples of powders or liquids

CATALOG NO.	CAPACITY
F36940-1000	1.25ml (¼ tsp)
F36942-1000	2.46ml (½tsp)
F36944-1000	4.93ml (1tsp)

Wide Handle Sampling Spoons

- Perfect for retrieving small, specific volume samples of powders or liquids
- Wide handles provide just enough stiffness to easily sample packed powders and other firm materials

CATALOG NO.	CAPACITY
F36740-1021	1.25ml (0.04oz)
F36740-1022	2.5ml (0.08oz)
F36740-1023	5.0ml (0.17oz)
F36740-1024	8.0ml (0.27oz)
F36740-1025	20.0ml (0.67oz)

1001 Sticks

- Mix samples, count capsules, scrape containers and more
- Dimensions: 5¾L x ¾W x 1⁄16"H (14.6 x 1.9 x 0.15cm)

CATALOG NO.	QUANTITY
F36931-0000	100 PK
F36931-0001	500 CS

Micro-Tube Homogenizer System

Effectively Homogenize Precipitates, Cells and Tissues

- Hand-held, cordless homogenizer features a simple push in/pull out pestle holder
- Pestles and tubes assure tight tolerances and thorough homogenization resulting in optimal efficiency of pellet reconstitution or re-suspension
- Pestles and tubes are certified DNase, RNase and Pyrogen-free and are made of animal and phthalate/phthalate-ester free polypropylene with lot control and material traceability

⚠ See page 28

PP

CATALOG NO.	DESCRIPTION
Homogenizer– Includes Cordless Motor, 2 AA Batteries and Pestle Adapter	
F65000-0000	Cordless Homogenizer Unit
Individually Packed (Pack of 100)	
F65000-0001	0.5ml Pestle
F65000-0003	0.5ml Tube
F65000-0005	0.5ml Pestle and Tube
F65000-0002	1.5ml Pestle
F65000-0004	1.5ml Tube
F65000-0006	1.5ml Pestle and Tube
Bulk Packed (Pack of 100)	
F65000-9001	0.5ml Pestle
F65000-9005	0.5ml Pestle and Tube
F65000-9002	1.5ml Pestle
F65000-9004	1.5ml Tube
F65000-9006	1.5ml Pestle and Tube

Product Video
www.belart.com/NewVid

Get a free tube and pestle sample at www.belart.com/sample

Liquid Nitrogen Cooled Mini Mortar and Pestle Set

Homogenize in a Microcentrifuge Tube

- Permits grinding of smaller amounts of tissue directly in a 1.5ml microcentrifuge tube
- Reduces sample loss and collection time
- Prevents the tube from cracking by eliminating direct contact with liquid nitrogen

⚠ See page 28

CATALOG NO.	HOUSING OVERALL DIMENSIONS
H37260-0100	16.5 diam. x 11.4cmH (6½ x 4½")

Plain Spinbar Magnetic Stirring Bars

Smooth Teflon® PTFE Surface

- Smooth surface maximizes contact with the stirring vessel
- FDA Grade, USP Class VI Teflon®; superior chemical compatibility
- Autoclave safe

For the full range of Spinbar stir bars and accessories, visit www.belart.com, keyword **Spinbar**

TEFLON® is a registered trademark of The Chemours Company FC LLC and used under license by Bel-Art Products, Inc.

CATALOG NO.	DIMENSIONS (L x DIA.)
F37120-1060	60 x 10mm (2⅜ x ⅜")
F37120-1276	76 x 12mm (3 x ½")

H-B® DURAC® RTD Electronic Thermometers

Highly Accurate Over a Wide Temperature Range

- Maximum/minimum temperature memory or data hold for careful sample monitoring
- Precision PT100 temperature sensor probe on all models conforms to IEC 751 Class A
- B60901-0100 and B60901-0200 log up to 16,000 readings with date and time; B60901-0200 includes operating system software
- B60901-0000 features IP67 Waterproof Housing; can be adapted to PT500 or PT1000 probes

B60901-0100

B60901-0000

⚠ See page 28

CATALOG NO.	DESCRIPTION	RANGE	RESOLUTION	ACCURACY	CALIBRATION POINTS
B60901-0100	Precision RTD Thermometer Data Logger with One Probe	-100/400°C (-148/752°F)	0.01°C; 0.02°F	0.05% of reading or 0.1°C	0, 100°C
B60901-0200	Precision RTD Thermometer Data Logger with One Probe, OS Software and USB Cable	-100/400°C (-148/752°F)	0.01°C; 0.02°F	0.05% of reading or 0.1°C	0, 100°C
B60901-0400	Additional Probe for Precision RTD Thermometer				
B60901-0300	AC Adapter for Precision RTD Thermometer				
B60901-0000	RTD Thermometer with PT100 Probe	-100/300°C (-148/572°F)	0.1	0.1% of reading or 0.4°C	0, 100°C
B60901-0500	PT100 Probe for RTD Thermometer				

For complete product information, contact your local Bel-Art – SP Scienceware distributor, or visit belart.com

H-B® Bluetooth Verification, Probe and Stem Thermometers

B61011-5000

B60910-0000

Bluetooth Enables Remote Monitoring and Alerts

- Monitor critical environments or experiments without a physical connection
- Thermometers wirelessly transmit data via Bluetooth to the free THERMSmart app (available for iPhone and Android devices)
- In-app alarm sounds to alert user if temperature falls outside of the set parameters
- LCD screen for on-unit monitoring

⚠ See page 28

CATALOG NO.	DESCRIPTION	RANGE	ACCURACY
B60910-0000	Stainless Steel Stem Thermometer	-50/300°C (-58/572°F)	±1°C (2°F) from 0/40°C (32/104°F); ±2% above 200°C; otherwise ±2°C (4°F)
B60910-5000	Stainless Steel Probe Thermometer	-50/300°C (-58/572°F)	±1°C (2°F) from 0/40°C (32/104°F); ±2% above 200°C; otherwise ±2°C (4°F)
B61011-5000	Verification Thermometer with bead filled bottle	-50/300°C (-58/572°F)	±1°C (2°F) from 0/40°C (32/104°F); ±2% above 200°C; otherwise ±2°C (4°F)

H-B® Bluetooth Thermometer Hygrometer Data Loggers

Remotely Monitor and Record Temperature and Humidity Data

- Records temperature and humidity data remotely for up to 30 days
- 4.0(+)Bluetooth capabilities; free THERMSmart app available for Apple or Android devices
- In-app alarm sounds if temperature falls outside of the set parameters
- Data viewable as a table, graph, or calendar; exportable as spreadsheet or PDF
- Graph data from up to 6 data loggers on 1 graph

Product Video
www.belart.com/NewVid

⚠ See page 28
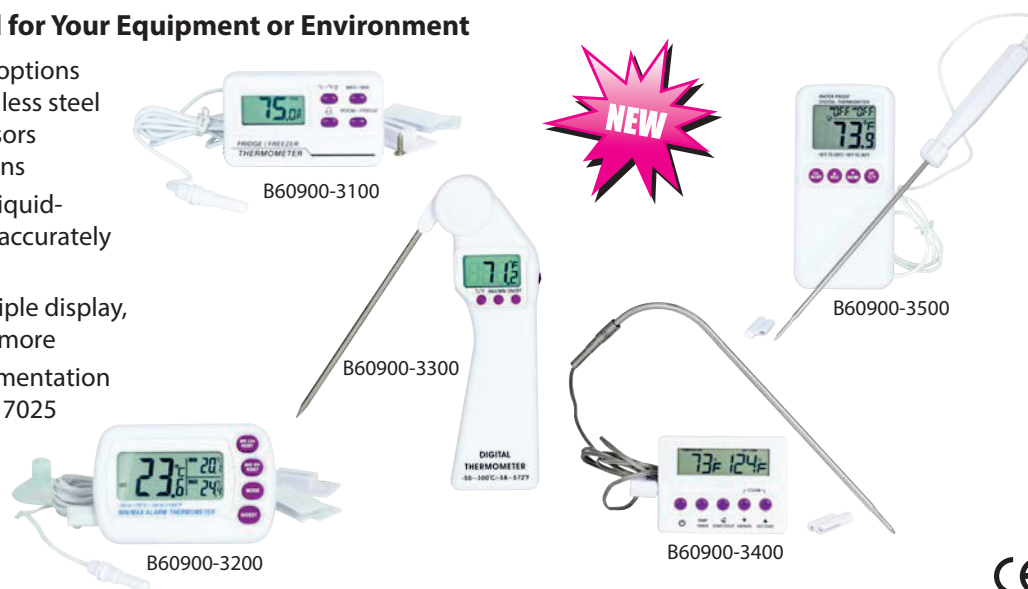
CATALOG NO.	DESCRIPTION	RANGE	HUMIDITY RANGE	ACCURACY
B61506-5100	Thermometer/Hygrometer	-10/50°C (14/122°F)	10/99%	Thermometer: ±1°C (2°F) between 0/40°C (32/104°F); otherwise ±2°C (4°F); Hygrometer: ±5% between 50/80 RH; otherwise ±8%
B60911-0100	Thermometer only	-10/50°C (14/122°F)	N/A	±1°C (2°F) between 0/40°C (32/104°F); otherwise ±2°C (4°F)
B61011-5100	Frio-Temp Verification Thermometer/Hygrometer with Internal and External Sensors	-10/50°C (14/122°F)	10/99%	Thermometer: ±1°C (2°F) between 0/40°C (32/104°F); otherwise ±2°C (4°F); Hygrometer: ±5% between 50/80 RH; otherwise ±8%

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Calibrated Electronic Thermometers Configured for Assorted Applications

Select Features Best Suited for Your Equipment or Environment

- Temperature measurement options include folding probes, stainless steel probes, and waterproof sensors to suit a variety of applications
- Verification models feature liquid- or bead-filled bottles which accurately mimic sample temperatures
- Features available include triple display, max/min, alarms, timer and more
- Accredited calibration documentation meets requirements of ISO 17025

B60900-3100

NEW

B60900-3300

B60900-3500

B60900-3200

B60900-3400

⚠ See page 28

CE

CATALOG NO.	RANGE	CALIBRATION POINTS	FEATURES
Stainless Steel Chemical Resistant			
B60900-3300 *NEW*	-50/300˚C (-58/572˚F)	0, 100˚C	Folding Probe, Stainless Steel Probe, Max/Min, Hold
B60900-3400 *NEW*	-50/300˚C (-58/572˚F)	0, 100˚C	Stainless Steel Probe, Alarm, Timer
B60900-3500 *NEW*	-50/200˚C (-58/392˚F)	0, 100˚C	High/Low Alarm, Max/Min, Data Hold, Temperature Calibration, IP65
Waterproof Sensor			
B60209-0300	-40/70˚C (-40/158˚F) External; -40/70˚C (-40/158˚F) External	0˚C 22˚C	Dual Display, Alarm/Duration Counter
B60900-3100 *NEW*	-50/70˚C (-58/158˚F)	0, 50˚C	Hi/Lo Alarm, Max/Min, Foldaway Stand & Velcro
B60900-3200 *NEW*	-50/70˚C (-58/158˚F)	0, 50˚C	Triple Display, Hi/Lo Alarm, Max/Min, Foldaway Stand & Velcro
Calibration Type: Freezer			
B60210-0900	-50/70˚C (-58/158˚F) External;-10/50˚C (14/122˚F) Internal	-20˚C Freezer	Max/Min, Alarm
B60210-0500	-50/70˚C (-58/158˚F) External; 0/50˚C (32/122˚F) Internal	-20˚C Freezer	Triple Display, Max/Min, Alarms
Calibration Type: Refrigerator			
B60210-1000	-50/70˚C (-58/158˚F) External;-10/50˚C (14/122˚F) Internal	4˚C Refrigerator	Max/Min, Alarm
B60210-0600	-50/70˚C (-58/158˚F) External; 0/50˚C (32/122˚F) Internal	4˚C Refrigerator	Triple Display, Max/Min, Alarms
Calibration Type: Freezer and Refrigerator			
B60210-0300	-40/70˚C (-40/158˚F) External;-40/70˚C (-40/158˚F) External	-20˚C Freezer Zone 1 External; 4˚C Refrigerator Zone 2 External	Dual Zone and Display, Alarm with Duration Counter
Calibration Type: Incubator			
B60210-1100	-50/70˚C (-58/158˚F) External;-10/50˚C (14/122˚F) Internal	37˚C Incubator	Max/Min, Alarm
B60210-0400	-40/70˚C (-40/158˚F) External;-40/70˚C (-40/158˚F) External	37˚C Incubator; 37˚C Incubator	Dual Zone and Display, Alarm with Duration Counter
B60210-0700	-50/70˚C (-58/158˚F) External; 0/50˚C (32/122˚F) Internal	37˚C Incubator	Triple Display, Max/Min, Alarms
Calibration Type: Ambient			
B60210-0800	-50/70˚C (-58/158˚F) External; 0/50˚C (32/122˚F) Internal	22˚C Ambient	Triple Display, Max/Min, Alarms
Calibration Type: General			
B61000-0000	-50/200˚C (-58/392˚F)	0, 100˚C	Max/Min, Temperature Hold

H-B® Frio-Temp® Calibrated Electronic Verification Lollipop Stem Thermometers

Place Entire Digital Unit Directly in Refrigerators, Incubators and Ambient Environments
- Verify sample temperatures inside refrigerators and incubators without a cable
- Liquid- or bead-filled bottle mimics the sample; accurate temperature measurement without sample contamination
- Accredited calibration documentation meets the requirements of ISO 17025

⚠ See page 28

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CATALOG NO.	RANGE	CALIBRATION POINTS	BOTTLE SIZE / FILL
Calibration Type: Refrigerator			
B60210-1300	0/70°C (32/158°F)	4°C Refrigerator	30ml Plastic Bottle / Glass Beads
B60210-1700	0/70°C (32/158°F)	4°C Refrigerator	30ml Plastic Bottle / Organic Liquid
B60210-2100	0/70°C (32/158°F)	4°C Refrigerator	60ml Plastic Bottle / Glass Beads
B60210-2500	0/70°C (32/158°F)	4°C Refrigerator	60ml Plastic Bottle / Organic Liquid
Calibration Type: Incubator			
B60210-1500	0/70°C (32/158°F)	37°C Incubator	30ml Plastic Bottle / Glass Beads
B60210-1900	0/70°C (32/158°F)	37°C Incubator	30ml Plastic Bottle / Organic Liquid
B60210-2300	0/70°C (32/158°F)	37°C Incubator	60ml Plastic Bottle / Glass Beads
B60210-2700	0/70°C (32/158°F)	37°C Incubator	60ml Plastic Bottle / Organic Liquid
Calibration Type: Ambient			
B60210-1400	0/70°C (32/158°F)	22°C Ambient	30ml Plastic Bottle / Glass Beads
B60210-1800	0/70°C (32/158°F)	22°C Ambient	30ml Plastic Bottle / Organic Liquid
B60210-2200	0/70°C (32/158°F)	22°C Ambient	60ml Plastic Bottle / Glass Beads
B60210-2600	0/70°C (32/158°F)	22°C Ambient	60ml Plastic Bottle / Organic Liquid
Calibration Type: General			
B61000-0700	0/70°C (32/158°F)	0, 50°C	30ml Plastic Bottle / Glass Beads
B61000-0800	0/70°C (32/158°F)	0, 50°C	30ml Plastic Bottle / Organic Liquid
B61000-0900	0/70°C (32/158°F)	0, 50°C	60ml Plastic Bottle / Glass Beads
B61000-1100	0/70°C (32/158°F)	0, 50°C	60ml Plastic Bottle / Organic Liquid

Note: Not for use in ovens or freezers.

Bel-Art • H-B Instrument
SP SCIENCEWARE™

H-B Calibration Services – 5-Day Turnaround –
Visit www.hbcalibration.com

H-B® DURAC® Plus™ Individually Calibrated ASTM Liquid-In-Glass Thermometers

Conform to ASTM Standards Without Dangerous Mercury!

- Conform to ASTM standards for methods specified in order table
- Individually calibrated at specified points; supplied with a Calibration Report stating corrections to one-tenth of the smallest division
- Ideal for use in quality control laboratories

⚠ See page 28

CATALOG NO.	ASTM NO. / ASTM METHOD	RANGE	DIVISIONS	ACCURACY	CALIBRATION POINTS
B60780-0000	S62C-03 / Precision	-38/2˚C	0.1˚C	±0.1˚C	-37,-30,-20,-10, 0°C
B60780-0100	S62F-03 / Precision	-36/35°F	0.2˚F	±0.2˚F	-35,-15, 0, 15, 32°F
B60780-0200	S63C-03 / Precision	-8/32°C	0.1˚C	±0.1˚C	-7, 0, 10, 20, 30°C
B60780-0300	S63F-03 / Precision	18/89°F	0.2˚F	±0.2˚F	20, 32, 50, 70, 88°F
B60780-0400	S64C-03 / Precision	25/55°C	0.1˚C	±0.1˚C	0, 25, 35, 45, 55°C
B60780-0500	S64F-03 / Precision	77/131°F	0.2˚F	±0.2˚F	32, 80, 95, 115, 130°F
B60780-0600	S65C-03 / Precision	50/80°C	0.1˚C	±0.1˚C	0, 50, 60, 70, 80°C
B60780-0800	S66C-03 / Precision	75/105°C	0.1˚C	±0.1˚C	0, 75, 85, 95, 105°C
B60780-0900	S66F-03 / Precision	167/221°F	0.2˚F	±0.2˚F	32, 168, 185, 200, 220°F
B60780-1000	S67C-03 / Precision	95/155°C	0.2˚C	±0.2˚C	0, 100, 110, 130, 150°C

Stainless Steel Clamping Thermometer Holder

Secure Hold!

- Hold thermometers or probes upright during use; choose from five hole sizes (3.5mm to 14.5mm diameter)
- Stainless steel clip attaches securely to containers/shelves up to 3/8" thick
- Foam holes for secure fit; Rubber bumpers on clip prevent scratching of surfaces

STAINLESS STEEL

⚠ See page 28

CATALOG NO.	DIMENSIONS (L x W x H)
B61400-7300	8.3 x 5.4 x 6.4cm (3¼ x 2⅛ x 2½")

H-B® DURAC® Maximum Registering / Autoclave Bi-Metal Thermometer

Register Highest Temperature Without Dangerous Mercury

- Maximum registering pointer indicates highest temperature reached
- ¼" NPT threaded connection screws directly into in-line processes
- Waterproof and pressurized to withstand autoclaving cycles

Specifications:
Range:-20/150°C (0/300°F)
Accuracy: ±2°C (±5°F)
Divisions: 2°C (5°F)
Dial Size: 81mm (3³⁄₁₆")

⚠ See page 28

STAINLESS STEEL   SILICONE RUBBER

CATALOG NO.	DESCRIPTION	CALIBRATION POINTS
B61315-0000	Traceable to NIST	N/A
B60215-0000	With Individual Calibration Report	121°C

H-B Instrument Liquid-In-Glass Thermometers

The following H-B Instrument families have been expanded to include the products indicated below.
For complete information, visit www.belart.com

Easy-Read®, Environmentally Friendly with Individual Calibration Report

CATALOG NO.	RANGE	DIVISIONS	ACCURACY	CALIBRATION POINTS	LENGTH
Partial Immersion: 76mm (3")					
B60202-1300	-10/260°C	1°C	±1°C; ±1.5°C above 110°C, ±2°C above 200°C	0, 100, 200°C	350mm (14")
B60202-1400	-10/260°C	1°C	±1°C; ±1.5°C above 110°C, ±2°C above 200°C	0, 37, 56, 100, 230, 250°C	350mm (14")

Enviro-Safe® with Individual Calibration Report

CATALOG NO.	RANGE	DIVISIONS	ACCURACY	CALIBRATION POINTS	LENGTH
Total Immersion					
B60204-0300	-10/225°C	1°C	±1.5°C; ±2°C above 110°C, ±2.5°C above 200°C	0, 100, 200°C	350mm (14")
Partial Immersion: 76mm (3")					
B60204-0400	-10/260°C	1°C	±1.5°C; ±2°C above 110°C, ±2.5°C above 200°C	0, 37, 56, 100, 230, 250°C	350mm (14")

DURAC® Plus™ ASTM Like

CATALOG NO.	ASTM NO. / ASTM METHOD	RANGE	DIVISIONS	ACCURACY	LENGTH
Total Immersion					
B60750-7000	19F / Saybolt Viscosity	120/134°F	0.2°F	±0.6°F	280mm (11")

DURAC® Plus™ with Individual Calibration Report

CATALOG NO.	RANGE	DIVISIONS	ACCURACY	CALIBRATION POINTS	LENGTH
Total Immersion					
B60205-1800	-50/50°C	1°C	±2°C	-40,-20, 0°C	300mm (12")

FRIO-Temp® Oven Verification with Individual Calibration Report

CATALOG NO.	RANGE	DIVISIONS	ACCURACY	CALIBRATION POINTS	LENGTH	BOTTLE SIZE/FILL	THERMOMETER FILL
B60200-1400	20/130°C	1°C	±1°C	100°C	145mm (5.7")	30ml/ Glass Beads	Enviro-Safe® Liquid
B60200-1500	50/200°C	2°C	±2°C; ±4°C above 130°C	100°C	145mm (5.7")	30ml/ Glass Beads	Enviro-Safe® Liquid

FRIO-Temp® and DURAC® Plus™ Blood Bank Verification

CATALOG NO.	RANGE	DIVISIONS	ACCURACY	LENGTH	BOTTLE SIZE/FILL	THERMOMETER FILL	PFA COATED
FRIO-Temp®							
B61001-0600	-2/10°C	0.1°C	±0.2°C	180mm (7.1")	250ml/ Enviro-Safe®	Organic Liquid	Yes
B61004-1300	-5/20°C	0.5°C	±0.5°C	135mm (5.3")	250ml/ Enviro-Safe®	Enviro-Safe® Liquid	Yes
DURAC® Plus™							
B60600-1500	-2/10°C	0.1°C	±0.4°C	180mm (7.1")	250ml/ Organic Liquid	Organic Liquid	No
B60600-1600	-5/20°C	0.5°C	±0.75°C	125mm (4.9")	250ml/ Organic Liquid	Organic Liquid	No

B61001-0600

B60600-1600

See page 28

H-B® DURAC® Bi-Metallic Surface Thermometers

Simple, Inexpensive Surface Temperature Measurement

- Spring mount easily attaches to pipes and process lines
- Magnet mount attaches to a ferrous surface
- Feature steel case, glass lens and polished aluminum dial with easy-to-read graduations
- Dial size: 50mm (2")

B61320-2800   B61320-2400

⚠ See page 28

STAINLESS STEEL

CATALOG NO.	MOUNT TYPE	RANGE	DIVISIONS	ACCURACY
B61320-2400	Double Magnet	-18/65°C (0/150°F)	1°C (2°F)	±2.5° or 2.5% of entire scale whichever is greater
B61320-2500	Double Magnet	-18/120°C (0/250°F)	1°C (2°F)	±2.5° or 2.5% of entire scale whichever is greater
B61320-2600	Double Magnet	-20/260°C (0/500°F)	2°C (5°F)	±2.5° or 2.5% of entire scale whichever is greater
B61320-2700	Double Magnet	10/400°C (50/750°F)	5°C (10°F)	±2.5° or 2.5% of entire scale whichever is greater
B61320-2800	Single Thin Spring	-18/120°C (0/250°F)	1°C (2°F)	±2.5° or 2.5% of entire scale whichever is greater
B61320-2900	Single Thin Spring	-20/260°C (0/500°F)	2°C (5°F)	±2.5° or 2.5% of entire scale whichever is greater
B61320-3000	Single Thin Spring	10/400°C (50/750°F)	5°C (10°F)	±2.5° or 2.5% of entire scale whichever is greater

H-B® DURAC® 4-Channel Electronic Timer with Whiteboard

Convenient for Jotting Down Notes

- Record critical information with built-in white board and marker
- Four channels with audible alarm for each channel
- Programs: hours/minutes; Displays: hours/minutes/ seconds; Up/down count displays elapsed time after countdown

⚠ See page 28   CE

CATALOG NO.	TIMER ACCURACY	DIMENSIONS (W x H x D)
B61700-3700	± 5 seconds/day	114.3 x 88.9 x 25.4mm (4.9 x 3.5 x 1")

H-B® DURAC® Single Channel Electronic Timer

Simple 3 Key Operation and Memory

- Timing capacity: 99 minutes: 59 seconds; up/down count
- Audible alarm; displays elapsed time after countdown
- Last time set memory

⚠ See page 28   CE

CATALOG NO.	TIMER ACCURACY	DIMENSIONS (W x H x D)
B61700-3400	± 5 sec/day	61 x 61 x 15.2mm (2.4 x 2.4 x 0.6")

All H-B Instrument electronic timers include a Certificate of Calibration and individual serial number and are tested and calibrated in our ISO/IEC 17025:2017, A2LA accredited laboratory (Cert #2448.01), against equipment whose calibration is traceable to NIST.

For complete product information, contact your local Bel-Art – SP Scienceware distributor, or visit belart.com

H-B® DURAC® Single Channel Electronic Timer with Triple Alarms

Perfect for High Noise Locations

- Vibration, light and sound buzzer alarms capture user attention & can be used in combination or independently
- Switchable timing capacity: 19 hours: 59 minutes / 99 minutes: 59 seconds
- Up/down count; displays elapsed time after countdown

⚠ See page 28

CE

CATALOG NO.	TIMER ACCURACY	DIMENSIONS (W x H x D)
B61700-3600	± 7 seconds/day	45 x 75 x 20mm (1.8 x 3 x 0.8") excluding clip portion

H-B® DURAC® Single Channel Electronic Timer with 10-Button Direct Input

Ten Buttons Allow Direct Input

- Ten button timer allows faster programming of desired time
- Timing capacity: 99 minutes: 99 seconds
- Up/down count with audible/visual alarms and memory; displays elapsed time after countdown

⚠ See page 28

CE

CATALOG NO.	TIMER ACCURACY	DIMENSIONS (W x H x D)
B61700-3500	± 5 seconds/day	81.3 x 71.1 x 30.5mm (3.2 x 2.8 x 1.2")

All H-B Instrument electronic timers include a Certificate of Calibration and individual serial number and are tested and calibrated in our ISO/IEC 17025:2017, A2LA accredited laboratory (Cert #2448.01), against equipment whose calibration is traceable to NIST.

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Lab Guy can Help

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How to make something work - products, processes, applications

Where to find resources on a scientific topic or process

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