

Thomas
Scientific



*Top Quality
Products For The*
BEER & WINE
Industries





SUPPLIES

Thermo Scientific Gold Seal Cover Slips

Moistur-Barrier™ Packaging.

- Made from non-fogging, corrosion-resistant glass
- Thickness is controlled to the following tolerances: No. 0 is 0.085 to 0.13 mm; No. 1, 0.13 to 0.17 mm



Thomas No.	Description	Qty/Uom
6672A10	Cover Glass, No. 1 Thickness Squares, 18 x 18 mm	1 oz./BX, 10/CS

*See web for additional sizes

Thermo Scientific UltraFrost™ Microslides

- Precleaned slides are frosted on both sides
- UltraFrost™ microslides are colorless without label area
- Made of thick flexible vinyl
- Thickness: 0.97 to 1.07mm



Thomas No.	Description	Qty/Uom
6686T10	Microslide Ultra Frost, 75 x 25 mm	144/PK, 3600/CS

Globe Scientific Ground Edge Microscope Slides

- 25 x 75 x 1mm
- 90° ground edges
- 90° corners
- Pre-cleaned
- Frosted Slides: frosted on 1 end, 1 side



Thomas No.	Description	Qty/Uom
1192L95	Microscope Slides, Glass, 25 x 75mm, 90° Ground Edges, Plain	144/PK
1192L97	Microscope Slides, Glass, 25 x 75mm, 90° Ground Edges, Frosted, 1 End, 1 Side	144/PK, 3600/CS

Bel-Art Products Scienceware® Coverslips, Vinyl

- Non-rigid, vinyl, microscope cover slips
- Cover slips separated with tissues to prevent scratches
- Box of 1000, packaged in 10 boxes with 100 covers each



Thomas No.	Description	Qty/Uom
0210R59	Coverslips, Vinyl, 22 x 22mm	1000/PK

CELLTREAT® Scientific L-Shaped Cell Spreader

- Packaged sterile (gamma irradiated) in individual or bulk, easy-to-open, paper/plastic wrapper



CELLTREAT® L-Shaped Cell Spreaders are ideal for evenly spreading bacterial cultures and are made from high quality polypropylene.

Thomas No.	Description	Qty/Uom
1207N34	L-Shaped Cell Spreader, Polypropylene, Sterile	500/CS

Puritan Medical Cotton-Tipped Wooden Applicators

- Straight grain white birch
- Measures 6 x 1/16"
- Tuft of absorbent cotton cemented to tip



Box of 1,000 contains ten sealed autoclave bags of 100 each; case contains ten boxes.

Thomas No.	Description	Qty/Uom
1132D10	Applicator, non-sterile	1000/BX, 10000/CS
1215C51	Cotton-Tipped Wooden Applicators, Sterile	1000/CS
1215C52	Cotton Tip, Wood Shaft, 2 Swabs per Transport Tube, Sterile	500/BX
1132H05	2pk Applicator, sterile	100/BX

3M

Comply™ Lead Free Steam Indicator Tape

- Versatile tape adheres to all types of wraps
- Allows you to write on tapes or use preprinted 3M labels for ease of use and better record keeping
- Tape stretches to minimize tape pop-off which reduces need for reesterilization due to packs opening during processing
- Low cost per use offers economical way to monitor exposure to the sterilization process



Indicator tapes are Class 1 process indicators used for exposure monitoring which assures the operator handling the processed items that the pack has been exposed to the sterilization process without the need to open the pack or check load control records.

Thomas No.	Description	Qty/Uom
1217A25	Comply™ Lead Free Steam Indicator Tape, 0.47 inch x 60 yards (12 mm x 55 m)	1/EA, 42/CS
1217A26	Comply™ Lead Free Steam Indicator Tape, 0.70 inch x 60 yards (18 mm x 55 m)	1/EA, 28/CS
1217A27	Comply™ Lead Free Steam Indicator Tape, 0.94 inch x 60 yards (24 mm x 55 m)	1/EA, 20/CS

Corning PET Storage Bottle

- Packaged in two convenient, shrink-wrapped trays within an outer bag to assure cleanliness
- Sterilized to 10-6 SAL and certified nonpyrogenic
- Molded graduations for accurate measurements
- Leakproof, tamper-evident 31.7 mm HDPE screw cap
- Available in four sizes: 125 mL, 250 mL, 500 mL and 1L
- USP class VI compliant bottles are validated noncytotoxic and nonhemolytic



New polyethylene terephthalate (PET) bottles are ideal for storage and sampling of media, biologicals and other aqueous solutions. The PET resin makes the bottle lightweight, break resistant and as transparent as glass.

Thomas No.	Description	Qty/Uom
1218C62	Corning® PET Storage Bottle for Pharmaceutical and Life Science Research, 31.7mm HDPE Tamper Proof Screw Cap, Sterile, Clear, 125 mL	48/CS
1218C63	Corning® PET Storage Bottle for Pharmaceutical and Life Science Research, 31.7mm HDPE Tamper Proof Screw Cap, Sterile, Clear, 250 mL	48/CS
1218C64	Corning® PET Storage Bottle for Pharmaceutical and Life Science Research, 31.7mm HDPE Tamper Proof Screw Cap, Sterile, Clear, 500 mL	24/CS
1218C65	Corning® PET Storage Bottle for Pharmaceutical and Life Science Research, 31.7mm HDPE Tamper Proof Screw Cap, Sterile, Clear, 500 mL	24/CS

Bel-Art Products Scienceware® Write-On™ Label Tape

Adheres to any clean surface, including Teflon® fluoropolymer resin coated materials, and peels off without leaving a sticky residue. Pencil, ball-point pen or solvent ink marker remain legible under the most demanding laboratory conditions.

- Colored paper with rubber resin adhesive resists moisture and most solvents
- Withstands a 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)
- Excellent for use with Write-On™ Multi-Roll Label Tape Dispensers
- Available in 6 vivid colors



Thomas No.	Description	Qty/Uom
1207G87	Tape Label Write-On White 1/2" x 40 yd	6/PK

*See web for additional sizes and colors

Bel-Art Products Wide-Mouth Wash Bottles

Low-density polyethylene wide-mouth wash bottles with wide mouths for easy filling. Use colored polypropylene caps for quick, at a glance identification of contents.



Thomas No.	Description	Qty/Uom
1226B79	Wash Bottle, Wide-Mouth with Red Cap, 1,000 mL	4/PK
1226B80	Wash Bottle, Wide-Mouth with Yellow Cap, 1,000 mL	4/PK
1226B81	Wash Bottle, Wide-Mouth with Blue Cap, 1,000 mL	4/PK
1226B82	Wash Bottle, Wide-Mouth with Green Cap, 1,000 mL	4/PK

Thomas® Laboratory Notebooks

- Tamper-evident, section-sewn binding
 - Acid-free, archival-safe paper
 - Imprinted with 1/4" scientific grid or scientific ruling
 - Durable, hardbound, black imitation leather cover with special coating to protect lab work and prevent tampering
- Available in 120 or 216 page formats



Thomas Laboratory and Engineering Notebooks feature the highest quality construction and are designed to protect your intellectual property. Notebooks include Guidelines for proper Laboratory Notebook documentation of your research, Table of Contents pages for recording page contents and dates and signature blocks for recording names, company, address, phone and email of owner. Laboratory notebooks come in either grid or ruled format and pages measure 8 7/8" x 11 1/4".

Thomas No.	Description	Qty/Uom
1236E02	Laboratory Notebook, Ruled, 120 Pg.	1/EA, 10/CS
1236E04	Laboratory Notebook, Ruled, 216 Pg.	1/EA, 10/CS
1236E06	Laboratory Notebook, Grid, 120 Pg.	1/EA, 10/CS
1236E08	Laboratory Notebook, Grid, 216 Pg.	1/EA, 10/CS

Thermo Scientific Nalgene PETG Square Media Bottles

- Maximum use temperature to 70°C (150°F)
- Bottles provide reduced permeability to CO₂/O₂ to minimize outgassing and pH shifts; especially suited for media storage
- Transparent, radiation-sterilized, non-cytotoxic and non-pyrogenic
- Permanent molded-in graduations
- White, HDPE closures
- Leakproof



Shrink-wrap band assures product integrity. Packed in shrink- wrapped trays for easy storage and handling. Sterile 10⁻⁶ SAL.

Thomas No.	Description	Qty/Uom
1720N25	Narrow Mouth Square Bottle Sterile PETG, 30mL	96/CS
1720N26	Narrow Mouth Square Bottle Sterile PETG, 60mL	96/CS
1720N27	Narrow Mouth Square Bottle Sterile PETG, 125mL	48/CS
1720N28	Narrow Mouth Square Bottle Sterile PETG, 250mL	48/CS
1720N29	Narrow Mouth Square Bottle Sterile PETG, 500mL	24/CS
1720N35	Narrow Mouth Square Bottle Sterile PETG, 1,000mL	24/CS
1720N36	Narrow Mouth Square Bottle Sterile PETG, 2,000mL	12/CS

Eagle Thermoplastics Disposable Polystyrene Beakers

- Disposable, translucent polystyrene, resistant to diluted or weak acids, alcohols and bases
- Usable to 200°F, with four-way pour spouts



Smaller sizes suitable for use as sampling cup for atomic absorption units, flame photometers and blood cell counters. Graduations on 150 mL and larger, accurate to ±5%.

Thomas No.	Description	Qty/Uom
1542S11	Beaker, Polypropylene, 5mL	1000/PK
1542S16	Beaker, Polypropylene, 10mL	1000/PK
1542S21	Beaker, Polypropylene, 20mL	500/PK
1542S31	Beaker, Polypropylene, 50mL	500/PK
1542S41	Beaker, Polypropylene, 150mL	100/PK
1542S51	Beaker, Polypropylene, 250mL	100/PK

Thermo Scientific Nalgene Disposable Erlenmeyer Flasks

- Vented closure
- Sterile



Designed for shaker and suspension cell culture, media preparation or storage, these sterile disposable Erlenmeyer flasks cut the chance of cross contamination. Flasks are made of lightweight clear PETG with molded-in graduations. High-density polyethylene closure uses a hydrophobic 0.2 µm PTFE membrane that allows sterile air exchange. Capacities range from 125 to 2000 mL.

Thomas No.	Description	Qty/Uom
1233M04	Erlenmeyer Flask, Baffled, 125mL	24/CS
1233M05	Erlenmeyer Flask, Baffled, 250mL	12/CS
1233M06	Erlenmeyer Flask, Baffled, 500mL	12/CS
1233M07	Erlenmeyer Flask, Baffled, 1,000mL	6/CS
1233M08	Erlenmeyer Flask, Baffled, 2,000mL	4/CS
1232G41	Erlenmeyer Flask, Baffled, 2,800mL	4/CS

Corning PYREX® Media Storage Bottles

Heavy-duty media bottle can be used for storage as well as mixing and sampling. Includes linerless, one-piece autoclavable polypropylene plug seal cap with drip free pouring rings. Optional red PBT caps and red ETFE pouring rings are available for dry heat sterilization (180°C). New glass bead indicates full capacity line on 100 mL through 2 L sizes. Bottles have permanent white enamel graduations and marking spots.



Thomas No.	Description	Qty/Uom
1743E15	Pyrex Media Storage Bottles, 250mL	10/CS
1743E20	Pyrex Media Storage Bottles, 500mL	10/CS
1743E25	Pyrex Media Storage Bottles, 1,000mL	10/CS
1743E30	Pyrex Media Storage Bottles, 2,000mL	10/CS

*See web for additional sizes

Thomas® Griffin Beakers - Polypropylene

Thomas Low-Form Griffin Beakers have easy-to-read screened graduations plus size code, resin code, maximum use temperature and "No flame" symbol. Ribs make stacking easy.



NOTE: Beakers are not for use on hot plates.

Thomas No.	Description	Qty/Uom
1224W20	Reusable Plastic Low Form Beaker, Polypropylene, 25mL	6/PK
1224W21	Reusable Plastic Low Form Beaker, Polypropylene, 50mL	6/PK
1224W22	Reusable Plastic Low Form Beaker, Polypropylene, 100mL	4/PK
1224W23	Reusable Plastic Low Form Beaker, Polypropylene, 100mL	4/PK

*See web for additional sizes

GE Healthcare General Purpose Filter Paper

A standard grade filter used for many routine analytical applications in different industries (e.g., particle separation from food extracts or filtration of solids from digested environmental samples for ICP/AAs analysis).



These cellulose filters are used in qualitative analytical techniques to determine and identify materials. Prepleated qualitative filters are also available, which give improved flow rate and increased loading capacity compared to equivalent flat filters.

Thomas No.	Description	Qty/Uom
1213Y28	General-Purpose Filter Paper, Grade 595, 150mm	100/PK

GE Healthcare Grade 597 Qualitative Filter Papers

A standard grade filter used for a wide variety of analytical routine applications in different industries like food testing (e.g., determination of fat content) or removal of carbon dioxide and turbidity from beverages (e.g., beer analysis).



- Grade 597: 4-7 µm
- Available prepleated as Grade 597 ½

Thomas No.	Description	Qty/Uom
1213Y63	Grade 597 Qualitative Filter Paper, Circle, 12.7mm	1000/PK

*See web for additional sizes

GE Healthcare Extraction Thimbles

High-performance cellulose extraction thimbles are produced from high-quality alpha cellulose cotton linter and have excellent mechanical strength and retention. The high purity of the material ensures reproducible results. Standard cellulose extraction filters 603 grade are made from high-quality cellulose and offer several options of thimbles that are specifically designed for DIONEX ASE 200 automated extraction cell.



Thomas No.	Description	Qty/Uom
4390L30	Cellulose Extraction Thimble, Double Thickness (2mm wall), 33 x 94mm	25/PK
4390L35	Cellulose Extraction Thimble, Double Thickness (2mm wall), 43 x 123mm	25/PK
4390G20	Cellulose Extraction Thimble, Single Thickness (1mm wall), 19 x 90mm	25/PK
0898Q00	Cellulose Extraction Thimble, Single Thickness (1mm wall), 22 x 65mm	25/PK
4390G25	Cellulose Extraction Thimble, Single Thickness (1mm wall), 22 x 80mm	25/PK
0898X27	Cellulose Extraction Thimble, Single Thickness (1mm wall), 25 x 100mm	25/PK
4390G35	Cellulose Extraction Thimble, Single Thickness (1mm wall), 25 x 80mm	25/PK
4390G30	Cellulose Extraction Thimble, Single Thickness (1mm wall), 26 x 60mm	25/PK
0898P96	Cellulose Extraction Thimble, Single Thickness (1mm wall), 30 x 100mm	25/PK
0898P97	Cellulose Extraction Thimble, Single Thickness (1mm wall), 30 x 80mm	25/PK
0898P95	Cellulose Extraction Thimble, Single Thickness (1mm wall), 33 x 118mm	25/PK
4390G45	Cellulose Extraction Thimble, Single Thickness (1mm wall), 33 x 80mm	25/PK
4390G50	Cellulose Extraction Thimble, Single Thickness (1mm wall), 33 x 94mm	25/PK
4390G55	Cellulose Extraction Thimble, Single Thickness (1mm wall), 43 x 123mm	25/PK
4390G60	Cellulose Extraction Thimble, Single Thickness (1.5mm wall), 60 x 180mm	25/PK

Thermo Scientific Nalgene Wide Mouth Economy HDPE Bottles

- Polypropylene screw closure

Lightweight economy version of the original Nalgene bottle. Suitable for short-term general purpose laboratory and field applications such as collecting samples and containing working solutions like buffers, bench reagents and chemical aliquots. Thinner-walled and more flexible than the Nalgene Lab Quality bottle, but still guaranteed leakproof. Wide mouth is easy to fill with dry materials or liquids. Translucent. Excellent chemical resistance to most acids, bases and alcohols.

Note: The Nalgene Lab Quality bottle is not recommended for hazardous and critical material containment.



Thomas No.	Description	Qty/Uom
1223H36	Bottle Wide Mouth HDPE, 30 mL	72/CS
1223H37	Bottle Wide Mouth HDPE, 60 mL	72/CS
1223H38	Bottle Wide Mouth HDPE, 125 mL	72/CS
1223H39	Bottle Wide Mouth HDPE, 250 mL	72/CS
1223H40	Bottle Wide Mouth HDPE, 500 mL	48/CS
1223H41	Bottle Wide Mouth HDPE, 1,000 mL	24/CS

Thermo Scientific Nalgene Wide Mouth Polypropylene Bottles

- Standard capacity
- Autoclavable
- Rigid and translucent walls
- Includes polypropylene screw caps
- Leakproof
- Excellent chemical resistance



Thomas No.	Description	Qty/Uom
1717V64	Bottle Wide Mouth, Polypropylene, 500 mL	12/PK, 48/CS

*See web for additional sizes

Kimble KIMAX® Brand Volumetric Flasks With Stopper

Calibrated "to contain", they are designed from ASTM Specification E288, Class B requirements

Sizes 10 through 50 mL include Standard Taper 9 glass stopper.

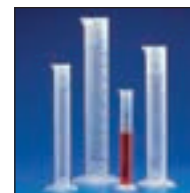


Thomas No.	Description	Qty/Uom
5003K20	Flask, Volumetric, Stopper, 25mL	6/PK, 12/CS

*See web for additional sizes

Globe Scientific Graduated Cylinder, Polypropylene, Printed Graduations

- Translucent polypropylene (PP)
- Blue printed graduations - mL
- Wide opening with a tapered pour spout
- Break-resistant and chemically resistant to most acids, bases and common solvents
- Autoclavable at 121°C for 20 minutes



Thomas No.	Description	Qty/Uom
1193W12	Graduated cylinder, Polypropylene, 50 mL	1/EA
1216N86	Graduated cylinder, Polypropylene, 50 mL	30/PK

*See web for additional sizes

J.G. Finneran 25mm Syringe Filters

Finneran 25mm Syringe Filters are available in 0.2um and 0.45 um pore size.

- Autoclavable



Thomas No.	Description	Qty/Uom
1190M80	25 mm Syringe Filter, 0.2um Mixed Esters Cellulose, Light Yellow	100/CS
1190M81	25 mm Syringe Filter, 0.45um Mixed Esters Cellulose, Dark Yellow	100/CS
1190M82	25 mm Syringe Filter, 0.2um PVDF, Light Red	100/CS
1190M83	25 mm Syringe Filter, 0.45um PVDF, Dark Red	100/CS
1190M84	25 mm Syringe Filter, 0.2um Nylon, Light Green	100/CS
1190M85	25 mm Syringe Filter, 0.45um Nylon, Dark Green	100/CS
1190M86	25 mm Syringe Filter, 0.2um PTFE, Light Blue	100/CS
1190M87	25 mm Syringe Filter, 0.45um PTFE, Dark Blue	100/CS
1190M88	25 mm Syringe Filter, 0.2um Polypropylene, Transparent	100/CS
1190M89	25 mm Syringe Filter, 0.45um Polypropylene, White	100/CS
1190M90	25 mm Syringe Filter, 0.2um Regenerated Cellulose, Light Brown	100/CS
1190M91	25 mm Syringe Filter, 0.45um Regenerated Cellulose, Dark Brown	100/CS
1190M92	25 mm Syringe Filter, 0.2um Cellulose Acetate, Light Orange	100/CS
1190M93	25 mm Syringe Filter, 0.45um Cellulose Acetate, Dark Orange	100/CS
1190M94	25 mm Syringe Filter, 0.2um Polyethersulfone, Light Purple	100/CS
1190M95	25 mm Syringe Filter, 0.45um Polyethersulfone, Dark Purple	100/CS
1190M96	25 mm Syringe Filter, 1.0um Glass Fiber, Grey	100/CS
1190M97	25 mm Syringe Filter, 2.0um Glass Fiber, Grey	100/CS
1190M98	25 mm Syringe Filter, 5.0um Glass Fiber, Grey	100/CS

Corning PYREX® Heavy-Duty Graduated Erlenmeyer Flasks

- Heavy-duty rim for longer service
- Narrow mouth
- Graduated scale indicates approximate volume

The Erlenmeyer design is extremely popular and has been modified for numerous lab applications.



Thomas No.	Description	Qty/Uom
4903G53	Flask, Erlenmeyer, Heavy Duty, 500 mL	6/PK, 36/CS
4903G65	Flask, Erlenmeyer, Heavy Duty, 1,000 mL	6/PK, 24/CS
4903G68	Flask, Erlenmeyer, Heavy Duty, 1,500 mL	1/EA
4903G76	Flask, Erlenmeyer, Heavy Duty, 2,000 mL	1/EA, 8/CS
4903G88	Flask, Erlenmeyer, Heavy Duty, 4,000 mL	1/EA, 4/CS
4903G94	Flask, Erlenmeyer, Heavy Duty, 6,000 mL	1/EA, 4/CS

*See web for additional sizes

Thermo Scientific Nalgene Top Works™ Closures

- Flexible, leak proof, silicone Top Works Systems include solid, 2-port and 3-port versions
- Platinum-cured silicone tubing is fused through stopper to form one-piece closure system
- Autoclavable and leak proof systems permit aseptic liquid transfer from most NALGENE bottles and carboys
- Meets USP VI requirement



Thomas No.	Description	Qty/Uom
1228B17	Top Works 53B Closure & Stopper, No ports	1/EA
1228B18	Top Works 53B Closure, 1/4" Id 53 mm	1/EA
1228B19	Top Works 83B Closure & Stopper, No ports	1/EA
1228B20	Top Works 83B Closure, 1/4" Id 83 mm	1/EA

Eppendorf Safe-Lock Microcentrifuge Tubes

- Graduated tubes with attached caps
- Available with 1.5 mL or 0.5 mL capacities
- Constructed of polypropylene
- Autoclavable at 121°C

Special locking cap keeps samples safe. Available in six colors.



Thomas No.	Description	Qty/Uom
2591B75	Safe-Lock Tube, Natural, 0.5 mL	500/CS
2591B77	Safe-Lock Tube, Amber, 0.5 mL	500/CS
2591B79	Safe-Lock Tube, Blue, 0.5 mL	500/CS
2591B81	Safe-Lock Tube, Green, 0.5 mL	500/CS
2591B83	Safe-Lock Tube, Red, 0.5 mL	500/CS
2591B85	Safe-Lock Tube, Yellow, 0.5 mL	500/CS
2591D11	Safe-Lock Tube, Natural, 1.5 mL	500/CS
2591D16	Safe-Lock Tube, Amber, 1.5 mL	500/CS
2591D19	Safe-Lock Tube, Blue, 1.5 mL	500/CS
2591D23	Safe-Lock Tube, Green, 1.5 mL	500/CS

CELLTREAT® Scientific Plasteur® Plastic Pasteur Pipets

Polypropylene Plasteur® Plastic Pasteur Pipets provides chemical resistivity needed for many applications

- Available in two sizes: 5.75 and 9in for easier handling and longer reach for working with larger vessels
- Available in sterile (gamma irradiated) and non-sterile pack options

Addresses many of the concerns associated with glass:

Safety

- No more broken glass – more durable than standard glass pipets
- Flexible plastic helps prevent glove or skin punctures

Efficiency

- Polypropylene Plasteur Pipet will not shatter, eliminating losses due to broken glass fragments in your work
- Can be autoclaved

Value

- Saves time and money - Use all the pipets in the box, as compared to traditional glass Pasteur pipets which are often damaged during shipping or handling
- Reduce cost by eliminating “sharps” disposal

Convenience

- Polypropylene Plasteur Pipets are available packaged non-sterile in re-sealable bags with 100 pipets

Thomas No.	Description	Qty/Uom
1195V93	Plasteur Polypropylene Pasteur Pipet, 5.75", Bulk Packed, Sterile	500/CS
1195V94	Plasteur Polypropylene Pasteur Pipet, 5.75", Bulk Packed, Non-sterile	500/CS
1195V95	Plasteur Polypropylene Pasteur Pipet, 9", Individually Wrapped, Sterile	500/CS
1195V96	Plasteur Polypropylene Pasteur Pipet, 9", Bulk Packed, Sterile	500/CS
1195V97	Plasteur Polypropylene Pasteur Pipet, 9", Bulk Packed, Non-sterile	500/CS

Thomas® Transfer Pipets

- Non-toxic and chemically inert to biological fluids and most acids
- Can be heat sealed to use for liquid storage or transport
- Pipets can be frozen in liquid nitrogen
- Non-slippery - easy to grip with gloves
- Temperature range: -196°C to 90°C
- Can be gas (EtO) sterilized

Produced from a custom grade of low-density polyethylene (LDPE), these unbreakable one-piece pipets are used to draw and dispense liquids in controlled, reproducible drop sizes.

Plastic transfer pipets are the perfect substitute for breakable glass Pasteur pipets, which can be a danger to laboratory personnel. And, because they are completely disposable, there is never any cross-contamination which is associated with reusable rubber bulbs. An extensive selection of capacities, lengths and tip styles are offered to accommodate different industry needs.

Thomas No.	Description	Qty/Uom
1227W94	Transfer Pipette, 3 mL, Small Bulb, 0.25 mL Graduations to 1 mL, non-sterile, 500/Dispenser Box	5000/CS



Thomas® Serological Pipets

Thomas® brand serological pipets are manufactured from optically clear polystyrene in a class 100,000 clean room. The 1ml, 2ml and 5ml are a one piece construction and the 10ml, 25ml and 50ml are made with a durable, ultrasonically welded three piece construction. Graduations are calibrated for accurate dispensing to within $\pm 2\%$. Pipets are color coded for easy identification. Individually wrapped pipets are in sterile easy to open paper/plastic packaging with easy to read size indicators. The pipet plugs are a premium material which creates a filter barrier, which performs better than standard cotton plugs. Bulk packed pipets are also available in all sizes. Gamma irradiation sterilized, RNase-free, DNase-free and Non-pyrogenic.

NOTE: We have Thomas® Serological Pipet Sample Packs available.

Thomas No.	Description	Qty/Uom
1220Z78	Serological Pipet, 1 ml, Individually Wrapped, Yellow Band, 100/Bag	800/CS
1220Z79	Serological Pipet, 2 ml, Individually Wrapped, White Band, 100/Bag	600/CS
1220Z80	Serological Pipet, 5 ml, Individually Wrapped, Blue Band, 50/Bag	200/CS
1220Z81	Serological Pipet, 10 ml, Individually Wrapped, Orange Band, 50/Bag	200/CS
1220Z82	Serological Pipet, 25 ml, Individually Wrapped, Green Band, 50/Bag	200/CS
1220Z83	Serological Pipet, 50 ml, Individually Wrapped, Purple Band, 30/Bag	90/CS
1220Z84	Serological Pipet, 1 ml, Bulk Packed, Yellow Band, 50/Bag	1000/CS
1220Z85	Serological Pipet, 2 ml, Bulk Packed, White Band, 50/Bag	800/CS
1220Z86	Serological Pipet, 5 ml, Bulk Packed, Blue Band, 25/Bag	500/CS
1220Z87	Serological Pipet, 10 ml, Bulk Packed, Orange Band, 25/Bag	500/CS
1220Z88	Serological Pipet, 25 ml, Bulk Packed, Green Band, 25/Bag	200/CS
1220Z89	Serological Pipet, 50 ml, Bulk Packed, Purple Band, 25/Bag	200/CS



GVS Life Sciences Analytical Funnel

- Ready-to-use 100 mL filtration units with removable cellulose nitrate membrane and culturing devices
- Saves up to 50% in time with no flaming and sterilization required
- Minimizes the risk of cross contamination
- Easy release of membrane



Thomas No.	Description	Qty/Uom
1228N06	Analytical Funnel, 0.45 mm, White / Black Grid, 47 mm, 100 mL	50/PK
1228N07	Analytical Funnel, 0.45 mm, White / Black Grid, Bagged, 47 mm, 100 mL	50/PK
1228N08	Analytical Funnel, 0.2 mm, White / Black Grid, 47 mm, 100 mL	50/PK
1228N09	Analytical Funnel, 0.45 mm, Black / White Grid, 47 mm, 100 mL	50/PK
1228N10	Analytical Funnel, 0.45 mm, Black / White Grid, Bagged, 47 mm, 100 mL	50/PK
1228N11	Analytical Funnel, 0.2 mm, White / Black Grid, Bagged, 47mm, 100 mL	50/PK

Corning PYREX® Culture Tubes with Rubber Liner Screw Caps

- Caps will withstand steam pressure sterilization at 121°C or 15 psi (100 kPa), for 20 minute periods

Complete with sandblasted spot and deep form, black plastic cap. Listings indicate tube length x o.d. in mm.

Thomas No.	Description	Qty/Uom
9212C42	PYREX® Culture Tubes, 125 x 16 mm	144/PK, 288/CS



Chase Scientific Flat Bottom Screwthread Culture Tubes

Disposable screwthread culture tubes are made from Type I, borosilicate, clear 51 expansion glass. These flat bottom culture tubes meet or exceed industry specifications and tolerance. Caps sold separately.



Thomas No.	Description	Qty/Uom
1230Z09	Tube 13 x 100 mm	1000/CS
1217U50	Tube 20 x 125 mm	500/CS



Corning

PYREX® VISTA Culture Tubes

Reusable PYREX rimless culture tubes offer greater convenience in plugging and rack storage. Ends are fire-polished. The 22 and 25mm o.d. tubes do not have marking spots.



Thomas No.	Description	Qty/Uom
1233B24	PYREX® Vista Culture Tubes, Rimless, 10 mm x 75 mm	50/PK, 200/CS
1233B26	PYREX® Vista Culture Tubes, Rimless, 12 mm x 75 mm	50/PK, 200/CS
1233B28	PYREX® Vista Culture Tubes, Rimless, 13 mm x 100 mm	50/PK, 200/CS
1233B30	PYREX® Vista Culture Tubes, Rimless, 16 mm x 100 mm	50/PK, 200/CS
1233B32	PYREX® Vista Culture Tubes, Rimless, 16 mm x 125 mm	50/PK, 200/CS
1233B34	PYREX® Vista Culture Tubes, Rimless, 16 mm x 150 mm	50/PK, 200/CS
1233B36	PYREX® Vista Culture Tubes, Rimless, 18 mm x 150 mm	50/PK, 200/CS
1233B38	PYREX® Vista Culture Tubes, Rimless, 20 mm x 150 mm	50/PK, 200/CS
1233B40	PYREX® Vista Culture Tubes, Rimless, 22 mm x 175 mm	50/PK, 200/CS
1233B42	PYREX® Vista Culture Tubes, Rimless, 25 mm x 150 mm	50/PK, 200/CS
1233B44	PYREX® Vista Culture Tubes, Rimless, 25 mm x 200 mm	50/PK, 200/CS
1233B46	PYREX® Vista Culture Tubes, Rimless, 6 mm x 50 mm	50/PK, 200/CS
1233B48	PYREX® Vista Culture Tubes, Screw Cap, 13 mm x 100 mm	50/PK, 200/CS
1233B50	PYREX® Vista Culture Tubes, Screw Cap, 16 mm x 100 mm	50/PK, 200/CS
1233B52	PYREX® Vista Culture Tubes, Screw Cap, 16 mm x 125 mm	50/PK, 200/CS
1233B54	PYREX® Vista Culture Tubes, Screw Cap, 16 mm x 150 mm	50/PK, 200/CS
1233B58	PYREX® Vista Culture Tubes, Screw Cap, 20 mm x 150 mm	50/PK, 200/CS
1233B60	PYREX® Vista Culture Tubes, Screw Cap, 25 mm x 150 mm	50/PK, 200/CS

Allied K&R

Test Tube Brushes

For use on test tubes, centrifuge tubes, small jars, cylinders, etc.

- Of white nylon bristle with radial tufted end and twisted wire handle with loop



Thomas No.	Description	Qty/Uom
1927D16	Brush 229 mm	6/PK
1927D26	Brush 279 mm	6/PK
1927E11	Brush 205 mm	6/PK
1927E25	Brush 230 mm	6/PK

Thermo Scientific Nalgene

Reusable Filter Holders w/Receivers

Polysulfone filter funnels

- For 47 mm diameter membrane filters
- Eliminates the need for a manifold and/or breakable glass vacuum flask
- Receiver is graduated
- Non-sterile
- Autoclavable

Two side-arms allow connection to vacuum line; also accepts syringe filters. Tubing adapter can be stuffed with cotton for sterile venting; accepts 1/4" to 5/16" (6 to 8 mm) i.d. vacuum tubing.



Thomas No.	Description	Qty/Uom
4618N60	Filter Holder with Receiver, PSF 47 mm, 250 mL	1/EA, 4/CS
4618N70	Filter Holder with Receiver, PSF 47 mm, 500 mL	1/EA, 4/CS
4618N80	Filter Holder with Receiver, PSF 47 mm, 1,000 mL	1/EA, 4/CS

Bel-Art Products

Clavies® Autoclavable Bags

Clavies® bags offer maximum protection and performance for autoclavability. The durable .05mm thick polypropylene bag is filled with used labware such as petri dishes, membrane filters, culture plates, pipettes, etc., then autoclaved and discarded.

- Bags made of polypropylene, .05 mm (.002") thick
- Steam autoclavable at 135° C (275° F). 100 per box



Thomas No.	Description	Qty/Uom
1304M01	Autoclave bags, Polypropylene, 12" x 24"	100/BX, 1000/CS

*See web for additional sizes

Thomas®

Sterile Petri Dishes

- Optically clear
- Vented lids for air circulation
- Radiation sterilized



These Stackable Petri Dishes are ideal for general laboratory use while Slippable Petri Dishes are designed for automated filling systems. Vented lids permit air circulation during incubation to reduce condensation build-up. Petri dishes are optically clear for easy viewing.

Petri Dishes are available in the following sizes: 60 x 15 mm, 100 x 15 mm (Stackable and Slippable), and 150 x 15 mm.

Thomas No.	Description	Qty/Uom
1188N80	Petri Dish, 100 x 15mm, Slippable, Sterile, 500	500/CS
1188N81	Petri Dish, 100 x 15mm, Stackable, Sterile, Bulk, 25/500	500/CS
1188N82	Petri Dish, 60 x 15mm, Stackable, Sterile, 25/500	500/CS
1188N83	Petri Dish, 150 x 15mm, Slippable, Sterile, Bulk, 10/100	100/CS

Kimberly Clark

KIMTECH SCIENCE® Precision Wipes Tissue Wipers

- Precision Wipes Tissue Wipers, 1-ply, are an economical choice for general low-lint cleaning tasks
- Soft and absorbent
- Anti-static dispensing reduces lint
- Coated packaging helps protect wipes from spills



Thomas No.	Description	Qty/Uom
2904F52	Precision Wipes Tissue Wipers, 4.4" x 8.4", 1 Ply	280/BX, 16800/CS
1208Q87	Precision Wipes Tissue Wipers, 14.7" x 16.6", 1 Ply	140/BX, 2100/CS
1208Q88	Precision Wipes Tissue Wipers, 14.7" x 16.6", 2 Ply	90/BX, 1350/CS

Kimberly Clark

Kimwipe® EX-L Delicate Task Wipers

- Soft and gentle on surfaces
- Absorbent
- Low-linting

Single-ply wipers are soft, non-abrasive and safe for most delicate surfaces. Wipes clean, providing extra low-lint and extractable performance. Easily wipes liquid and dust. Two sizes are packaged in Pop-Up® dispenser boxes.



Thomas No.	Description	Qty/Uom
2904F24	Kimwipes Delicate Task Wipers, White, 4.4" x 8.4"	16800/CS, 280/BX
2904F39	Kimwipes Delicate Task Wipers, White, 11.8" x 11.8"	2940/CS, 196/BX
1234Z62	Kimwipes Delicate Task Wipers, White, 14.7" x 16.6"	2100/CS, 140/BX

Cargille

Microscope Immersion Oil

- Formulated for specific applications
- Meets DIN 58 844 requirements
- PCB free
- Non-drying



Refractive index and temperature standardizations are key specifications for optical clarity and high resolution. Viscosity and other physical properties are directed toward specific applications and user convenience. For most applications, optimal refractive index (D Line- 5893 A) is 1.5150 at 23°C.

Type A (low viscosity) oil is recommended for routine applications. Type A oil bridges a gap between objective and slide of 2.8 mm. All Cargille oils may be blended for intermediate viscosity.

Thomas No.	Description	Qty/Uom
6705C25	Immersion Oil Type A, 1/4 oz.	1/EA

*See web for additional types

Thermo Scientific Nunc 15 and 50 mL Conical Tubes

Conical Centrifuge Tubes – developed with researchers in mind: Premium, high quality conical tubes developed for functionality, flexibility, and ease of use in the lab.



- Environmentally friendly: recyclable plastic rack reduces waste in the lab
- Reduced contamination risk: New plastic rack minimizes risk of contamination and particles. Tubes are sterile with a 10-6 SAL
- Increased traceability: largest writing area on the market provides more space for labeling your research
- Higher RCF rating enables greater range of applications from low speed to super speed centrifugation
- Leak proof to protect your samples
- USP Class VI, Non-pyrogenic, Non-cytotoxic and RNase/DNase free to ensure the highest performance

Thomas No.	Description	Qty/Uom
1220X26	Tube Conical, 15 mL, Polypropylene Bulk	500/CS
1220X27	Tube Conical, 15 mL, Polypropylene Racked	500/CS
1220X28	Tube Conical, 50 mL, Polypropylene Bulk	500/CS
1220X29	Tube Conical, 50 mL, Polypropylene Racked	300/CS

*See web for additional sizes

Bel-Art Products Scienceware® Trigger Sprayer

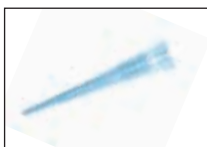
- Perfect for OSHA compliant 16oz and 32oz Scienceware® non-vented, wide-mouth wash bottles (series 11716 and 11732)
- Stainless steel, spring-action pump in the trigger sprayer will not corrode with repeated exposure to 10% bleach disinfecting solution
- Made from durable, chemical resistant polypropylene
- Sprayer without adapter fits most bottles with a 28mm opening
- Sprayer with adapter adds approx. 5.5" height to a bottle



Thomas No.	Description	Qty/Uom
1209R03	Trigger Sprayer with adapter	20/CS, 2/PK

Sartorius (Biohit family) Premium Standard Pipettor Tips

- Standard tips are made of premium-grade virgin polypropylene
- Autoclavable at 121°C for 20 min
- Accurate and reproducible
- Color-coded tip trays allows immediate tip volume recognition



Thomas No.	Description	Qty/Uom
1234Q91	Tip, 10-1000µL, Bulk, Non-sterile	1000/CS
1234R03	Tip, 100-5000µL, Bulk, Non-sterile	100/CS
1234R04	Tip, 100-5000µL, Bulk, Non-sterile	1000/CS
1234R05	Tip, 0.5-10 mL, Bulk, Non-sterile	100/CS
1234Q78	Tip, 0.2-10µL, Bulk, Non-sterile	1000/CS

*See web for additional sizes and quantities

Thomas® Specific Gravity Plain Form Hydrometer

- For liquids heavier than water

Specific gravity plain form hydrometers cover a variety of ranges and are for liquids heavier than water. Plain form hydrometers measure 165mm (6.5") length, have 0.005 divisions and temperature of standardization is 60°F/60°F. 1234K71 has a range of 1.400 to 1.650. 1234K72 covers a range of 1.600 to 1.850.



Thomas No.	Description	Qty/Uom
1234K71	Hydrometer, Specific Gravity, Plain Form, 1.400 To 1.650	1/EA
1234K72	Hydrometer, Specific Gravity, Plain Form, 1.600 To 1.850	1/EA

*See web for additional sizes

Globe Scientific Spectrophotometer Cuvette

These disposable standard and semi-micro cuvettes are designed for use in spectrophotometers. P



- Produced from either optical polystyrene or UV grade PMMA
- Optimum transmittance through spectrum range from 340 to 800nm for the optical polystyrene and from 280-800nm for the UV Grade PMMA.
- These cuvettes are engineered for high reproducibility and offer variations within the range of $\pm 1\%$ absorption.

Cuvettes are packaged in dust-free PE foam trays. Each tray contains 100 cuvettes.

Thomas No.	Description	Qty/Uom
1202K84	Cuvette, Spectrophotometer, Square, 4.5mL (10mm), PS, 2 Clear Sides	1000/CS
1180W04	Cuvette, Spectrophotometer, Square, 4.5mL (10mm), PS, 2 Clear Sides	500/CS
1180W05	Cuvette, Spectrophotometer, Square, 4.5mL (10mm), PS, 4 Clear Sides	500/CS
1180W06	Cuvette, Spectrophotometer, Square, 4.5mL (10mm), UV Grade Methacrylate, 2 Clear Sides	1000/CS
1180W07	Cuvette, Spectrophotometer, Square, 4.5mL (10mm), UV Grade Methacrylate, 4 Clear Sides	500/CS
1180W08	Cuvette, Semi-Micro, 2.9mL, with 2 Clear Sides, PS	500/CS
1180W09	Cuvette, Micro, 1.5mL, with 2 Clear Sides, PS	500/CS
1180W10	Cuvette, Semi-Micro, 2.5mL, with 2 Clear Sides, UV Grade Polymethylmethacrylate (PMMA)	500/CS
1180W11	Cuvette, Micro, 1.5mL, with 2 Clear Sides, UV Grade Polymethylmethacrylate (PMMA)	500/CS

Micro Essential Hydriion Spectral 0-14 Plastic pH Strips

- Hydriion (9800) Spectral 0-14 Plastic pH Strips: offer clear, bright single color matches at every 1.0 interval from pH 0.0-14.0. The color chart has pH matches at [0.0][1.0][2.0][3.0][4.0][5.0][6.0][7.0][8.0][9.0][10.0][11.0][12.0][13.0][14.0]



Thomas No.	Description	Qty/Uom
1211U09	Hydriion (9800) Spectral 0-14 Plastic pH Strips	6/CS

*See web for additional ranges

EMD Millipore pH-indicator Strips

- Rapid on-the-spot pH determination
- More precise evaluation thanks to differentiated color gradients
- Expressive results for environmental analysis and in-process controls
- Calibration and checking of the products by certified buffer solutions



The pH tests are suited for all media in environmental analysis and in industrial in-process controls. Our special method of manufacture gives the pH indicator strips decisive advantages over the indicator paper: since the indicator does not bleed, the strip can be left in the measurement medium without contaminating it.

Thomas No.	Description	Qty/Uom
1205P15	pH-indicator strips, Universal Indicator, pH 0-14	10000/CS

*See web for additional ranges

Thomas® Coliform Water Sampling Vials

- Sterile
- Ideal when filtration or the Colilert® method is used
- Rigid vial is easier to fill than a bag- no spills
- Latching mechanism improved over competitive vials
- Will not open or leak in transit- positive thumb lock latches with an audible click
- Vials are sterile by process; locking arrow indicates an unbroken factory seal
- Superior clarity polypropylene allows use with colorimetric 73 methods



Thomas No.	Description	Qty/Uom
9853Q60	Vial, w / Tablet	250/CS
9853Q57	Vial, Sterile	250/CS
1199Z27	Vial, w/ Tablet and Tie	200/CS

3M Food Safety

Clean-Trace™ Water - Free ATP

3M™ Clean-Trace™ Water-Free ATP AQF100 is a single-use test device that contains sample collection rings for the collection of an aqueous sample.



- Simple to use and ideal for busy production environments
- Rapid results allow immediate corrective action
- Provides an objective indication of cleanliness in water samples in seconds
- Flexibility to store the product at room temperature for up to 1 month or refrigerated for up to 12 months

Thomas No.	Description	Qty/Uom
1185X29	Clean-Trace Water - Free ATP	100/PK

3M Food Safety

Clean-Trace™ Water Plus - Total ATP

3M™ Clean-Trace™ Water Plus - Total ATP AQT200 is designed to rapidly assess equipment sanitation processes and the efficiency of Clean in Place (CIP) procedures.



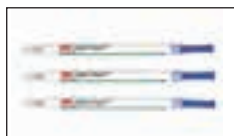
- Simple to use and ideal for busy production environments
- Rapid results allow immediate corrective action
- Provides an objective indication of cleanliness in water samples in seconds
- Assesses equipment sanitation processes and the efficiency of Clean in Place (CIP) procedures
- Flexibility to store the product at room temperature for up to 2 months or refrigerated for up to 12 months

Thomas No.	Description	Qty/Uom
1185X30	Clean-Trace Water Plus-Total ATP	100/PK

3M Food Safety

Clean-Trace Surface ATP

Real-time ATP surface hygiene test which gives an objective indication of cleanliness in seconds.



With its unique liquid stable enzyme, the test offers superior levels of repeatability. This aspect of its performance and its incredible simplicity means customers throughout the world have put Clean-Trace at the heart of their hygiene monitoring programs. Results measured in the 3M™ Clean-Trace™ NG Luminometer and provided in Relative Light units (RLU).

Thomas No.	Description	Qty/Uom
1186V51	Clean-Trace Surface ATP	100/PK

3M Food Safety

Clean-Trace™ NG Luminometer

With the 3M™ Clean-Trace™ Hygiene Monitoring System, you can be confident that you'll see clean.



- Easy-to-use handheld device and three-step process make testing simple
 - Combined with cutting-edge software, it's a complete system you can rely on
 - Adaptable software provides unprecedented capabilities to track trends, create reports, and identify immediate and long-term issues for protecting your business
- * The 3M Clean-Trace NG Luminometer includes the 3M™ Clean-Trace™ Data Trending Software. Computer not included.

Thomas No.	Description	Qty/Uom
1185X21	Clean-Trace NG Luminometer NG3	1/EA

3M Food Safety

Clean-Trace™ Surface Protein (Allergen) Test Swab

3M™ Clean-Trace™ Surface Protein (Allergen) Test Swab ALLTEC60 is a rapid, simple, and reliable solution to monitor the presence of allergens on surfaces to effectively manage cleaning.



- Detects as little as 3 µg of protein on surfaces and in hard to reach areas
- Provides a tool to help assess and improve hygienic performance
- Visual reading of a color change indicates the level of cleanliness
- Real time results allow immediate corrective action.
- Validated for a range of allergenic proteins, including egg, milk, gluten, soy, peanut, almond and buckwheat

Thomas No.	Description	Qty/Uom
1185X37	Clean-Trace Surface Protein (Allergen)	60/CS

Heathrow

Parafilm® Sealing Film

Colorless, moisture-proof film molds to surface

Stretch film tight to seal beakers, flasks, tubes, and Petri dishes. Order a dispenser separately (1222J96/J97/J98).



Thomas No.	Description	Qty/Uom
1222J99	Parafilm® 4"125ft (100mm x 38m)	1/EA
1222K00	Parafilm® 2"x250ft (50mm x 75m)	1/EA
1222K01	Parafilm® 4"x250ft (100mm x 75m)	1/EA
1216H89	Parafilm® Dispenser - Acrylic	1/EA

Thomas®

4-Channel Alarm Timer

- Easy on the eyes
- High-decibel alarm
- NIST Traceable® certificate
- Four channels
- Perfect for repetitive testing
- Accuracy is 0.01%
- Set any time from 99 hours, 59 minutes and 59 seconds, to one second
- Utilize all four channels at once in any combination to count down or up (stopwatch)
- At the touch of a button, the memory returns the display to the previously programmed countdown time
- Extra loud alarm sounds for one minute or may be silenced manually



Thomas No.	Description	Qty/Uom
9371W52	4-Channel Alarm Timer	1/EA

Thomas®

Traceable® Multi-Colored Timer

- Add color to your lab, 4-channel multi-colored timer, personalize your timer, show your distinct style with customized bold colors - a fresh look for the lab
- 3-bright colorful supplied frames permit personalization of timer
- Assorted colored frames supplied with each timer
- 4-separate timing channels countdown and alarm
- Automatic Bounceback™ Memory for repetitive timing
- Counts up during alarming indicating elapsed time since alarming
- Times up to 99 hours, 59 minutes, 59 seconds
- Settable to one second with one second resolution
- Accuracy is 0.01%
- 4 channels count up in stopwatch mode
- Time-of-day clock (12/24 hour)



Easel bench stand and magnetic back.

Size is 2-3/4 x 2-1/4 x 1/2-inch / weight is 2-3/4 ounces, battery supplied.

Thomas No.	Description	Qty/Uom
1229S19	Traceable Timer, Multi-Colored	1/EA

Thomas®

Traceable® Lollipop Shock/ Waterproof Thermometer

- Ideal for indoor/outdoor use
- Minimum/maximum memory
- Temperature range is -58° to 572°F and -50° to 300°C



Traceable® Lollipop thermometers are suitable for use indoors or outdoors, in wet labs and virtually all field applications. Temperature resolution is 0.1° from -20° to 200°, otherwise 1°. Accuracy is $\pm 0.4^{\circ}\text{C}$ or $\pm 1^{\circ}\text{C}$ between 0° and 100°C. Stainless steel dimensions are 8 x 0.14 inch diameter while overall size is 10 1/4" x 1 3/4" x 1/2". Weight is 7/8 of an ounce. Thermometers are provided with an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

Thomas No.	Description	Qty/Uom
1235D30	Traceable® Waterproof Thermometer $\pm 0.4^{\circ}\text{C}$ Accuracy	1/EA

*See web for additional Traceable® Waterproof Thermometers

Thomas®

Traceable® Refrigerator/Freezer Thermometer

Accurately measures temperature in freezers, refrigerators, incubators, water baths and heating blocks

- Enclosed "temperature buffered" sensor
- Range: -50 to 70°C (-58 to 158°F)
- Resolution: 1°C; accuracy: ±1°C
- Glycol bottle insulates sensor from rapid temperature changes
- High-impact, chemical-resistant ABS case

Min/Max memory monitors conditions overnight, weekends or any time period. An alarm alerts user when temperature rises above or falls below a set point. The alarm is programmable in 1° increments. The visual and audio signal continue even if temperature returns to non-alarm range. Micro cable is thin enough to allow refrigerator doors to be shut on it. Probe with solid state sensor is sealed in a miniature bottle filled with patented non-toxic glycol that is recognized as safe by the FDA. Thermometer includes Traceable® certificate; Velcro™ and magnetic strips for mounting thermometer and bottle sensor; and one AA battery good for one year of "always on" monitoring. Dimensions: 2.75" x 4.25" x 0.75"; weight: 4 oz. Recommended by the New York Restaurant Association.

Thomas No.	Description	Qty/Uom
9327L12	Traceable® Refrigerator / Freezer Thermometer w / Bottle Probe	1/EA

Thomas®

Traceable® Digital-Bottle™ Refrigerator/Freezer Thermometer

Accurately monitor temperatures in freezers, refrigerators, incubators, and environmental chambers with this temperature-buffered sensor. Bottle and solution insulate sensor from rapid temperature changes when refrigerator door is opened. Solution mimics exact temperature of samples. Stainless steel sensor/probe assures long product life. Entire unit is waterproof. Patented unit fulfills all CDC thermometer requirements. Easy-to-read digital display shows high, low, and current temperatures. MIN/MAX monitors high/low readings overnight, on weekends, or for any time period — a significant advantage over impossible to read glass thermometers displaying only the current temperature. Range is -58 to 572°F and -50 to 300°C with a resolution of 0.1° and an accuracy in the range -20°C to 100°C of ±0.4°C or ±1°C.

- Records high/low readings
- Supplied with unique Holder
- Digital-Bottle™ avoids mercury contamination
- Traceable to NIST for accuracy

Thomas No.	Description	Qty/Uom
1221Z94	Digital Bottle Ultra Rfrig/Frez Therm +/-0.4C	1/EA

Sartorius

Biosart 100 Monitors

Biosart 100 Monitors: Sterile, ready-to-use disposable filter units designed to be placed directly onto a vacuum manifold, eliminating the cleaning and sterilization required of reusable funnels. Each monitor includes a membrane filter and cellulose pad into the funnel unit. After filtration, the 100 ml funnel is removed to convert the monitor into a petri dish eliminating the need for membrane manipulation. Specifically designed for the detection and enumeration of microorganisms in pharmaceuticals, cosmetics, food, beverages, water and other liquids.

Thomas No.	Description	Qty/Uom
1209U90	Biosart 100 Monitors, CN, White With Black Grids, 0.45 Um, Bulk Sterile Packaged	48/PK
1209V03	Biosart 100 Monitors, CN, Gray With White Grids (Turns Black When Wet), 0.45 Um, Bulk Sterile Packaged	48/PK

*See web for additional Biosart 100 Monitor options

United Scientific Supplies Industrial Funnels

Heavy Duty Polypropylene funnels include a molded in handle. Designed to provide convenient filling of carboys, drums, and barrels.

Thomas No.	Description	Qty/Uom
1188H08	Industrial Funnel, PP, 48 oz.	1/EA

*See web for additional sizes



Alconox

Alconox® Detergent Biodegradable Cleaning Compound

- For general laboratory use
- Suitable in ultrasonic cleaners
- Mild, odorless, non-toxic powdered wetting agent and detergent for cleaning glassware, porcelain, metal, plastic or rubber

Detergent removes grease, blood, tissue, etc. and is especially effective for penetrating irregular and inaccessible surfaces. Usual dilution is 1 tablespoon to 1 gallon water gives pH 9.5 solution.

Thomas No.	Description	Qty/Uom
2902G05	Alconox, 4 Lb. Bx.	9/CS

*See web for additional sizes

EMD Millipore

EZ-Pak Membranes and Membrane Dispenser

By pressing the lever, the EZ-Pak dispenser delivers a single sterile membrane and automatically collects the protective packaging.

- No protective papers to separate manually from membrane, eliminating time and contamination risk from handling membranes and packaging
- Easy-load pleated band membrane packs into dispenser
- Clear advantages include operating convenience, less risk of accidental membrane contamination, less care and skill required to aseptically separate membrane from packaging and reduced time per test.

Thomas No.	Description	Qty/Uom
1217N03	EZ-Pak 0.45um, 47mm, Black Grid	600/PK
1217N01	EZ-Pak Membrane Dispenser	1/EA

*See web for additional sizes

Gosselin

Gosselin™ Petri Dishes

Petri dishes are compatible with most industrial and non-industrial automatic agar-pouring machines. Petri dishes are manufactured under Class 100 aseptic conditions according to "clean room technology".

Thomas No.	Description	Qty/Uom
1181H18	Gosselin™ 55 x 14.2mm Aseptic Petri Dish, PS, 6 vents, 55 x 14.2mm, 15/bag, easy to open, double outer bag with traceability, STERILE R	1620/CS
1218N17	Polystyrene, 60 x 15 mm, 6 Vents, Non-sterile	1620/CS
1218N25	Polystyrene, 100 x 15 mm, 3 Vents, Non-sterile	825/CS
1183C30	Round Petri Dish, PS, Natural, 3 Vents, 90 x 14.2mm, Sterile SAL 10-3, 33/Bag	825/CS

*See web for additional sizes

GE Healthcare

Grade 40 Quantitative Filter Paper

The classic general-purpose ashless filter paper with medium speed and retention.

Ashless: 0.007% ash maximum for Grades 40 to 44 and a maximum of 0.01% for the 589 Grades. These are very pure filters suitable for a wide range of critical analytical filtration procedures.

Whatman quantitative filters from GE Healthcare are designed for gravimetric analysis and the preparation of samples for instrumental analysis. They are available in three formats designed to meet specific needs.

Thomas No.	Description	Qty/Uom
4716E25	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 110 mm	100/PK
4716E30	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 125 mm	100/PK
4716E35	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 150 mm	100/PK
4716E40	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 185 mm	100/PK
0898R97	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 240 mm	100/PK
4716E15	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 70 mm	100/PK
4716E20	Grade 40 Quantitative Filter Paper Ashless (Ash 0.007%), circle, 90 mm	100/PK



GE Healthcare 13 mm GD/X Syringe Filters

The GD/X range is specifically designed for filtration of high particulate loaded samples.

- 13 mm devices for samples up to 10 ml and 25 mm devices for samples greater than 10 ml
- Pigment-free, high efficiency prefiltration stack of Whatman GMF 150 (graded density) and GF/F glass microfiber media
- Filters greatly reduce the need to carry out separate prefiltration step with difficult-to-filter samples
- Requires less hand pressure, even with the most difficult samples
- Processes three to seven times more sample volume



Thomas No.	Description	Qty/Uom
1231A30	GD / X 13 Syringe Filter, 0.2mm Polypropylene	150/PK
1231A35	GD / X 13 Syringe Filter, 0.2mm Cellulose Acetate	150/PK
1231A07	GD / X 13 Syringe Filter, 0.2mm Polypropylene	150/PK
1231A11	GD / X 13 Syringe Filter, 0.2mm Nylon	150/PK
1231A25	GD / X 13 Syringe Filter, 0.2mm Polysulphone	150/PK
1231A20	GD / X 13 Syringe Filter, 0.2mm PTFE	150/PK
1231A14	GD / X 13 Syringe Filter, 0.2mm PVDF	150/PK
1231A36	GD / X 13 Syringe Filter, 0.45mm Cellulose Acetate	150/PK
1231A52	GD / X 13 Syringe Filter, 0.45mm Glass Microfibre	150/PK
1231A08	GD / X 13 Syringe Filter, 0.45mm Nylon	150/PK
1231A12	GD / X 13 Syringe Filter, 0.45mm Nylon	150/PK
1231A26	GD / X 13 Syringe Filter, 0.45mm Polysulphone	150/PK
1231A31	GD / X 13 Syringe Filter, 0.45mm Polypropylene	150/PK
1231A21	GD / X 13 Syringe Filter, 0.45mm PTFE	150/PK

GE Healthcare Grade GF/C Glass Microfiber Filters

Grade GF/C is the standard filter in many parts of the world for the collection of suspended solids in potable water and natural and industrial wastes.



Thomas No.	Description	Qty/Uom
1212F13	Grade GF/C Glass Microfiber Filter Binder Free, circle, 100 mm	100/PK
0898Q68	Grade GF/C Glass Microfiber Filter Binder Free, circle, 110 mm	100/PK
0898Q67	Grade GF/C Glass Microfiber Filter Binder Free, circle, 125 mm	100/PK
0898Q66	Grade GF/C Glass Microfiber Filter Binder Free, circle, 150 mm	100/PK
0898Q76	Grade GF/C Glass Microfiber Filter Binder Free, circle, 21 mm	100/PK
4752L20	Grade GF/C Glass Microfiber Filter Binder Free, circle, 24 mm	100/PK
0898Q75	Grade GF/C Glass Microfiber Filter Binder Free, circle, 25 mm	100/PK
0898Q74	Grade GF/C Glass Microfiber Filter Binder Free, circle, 37 mm	100/PK
0898Q73	Grade GF/C Glass Microfiber Filter Binder Free, circle, 42.5 mm	100/PK
4751K35	Grade GF/C Glass Microfiber Filter Binder Free, circle, 47 mm	100/PK
0898Q71	Grade GF/C Glass Microfiber Filter Binder Free, circle, 55 mm	100/PK
0898Q70	Grade GF/C Glass Microfiber Filter Binder Free, circle, 70 mm	100/PK
0898Q69	Grade GF/C Glass Microfiber Filter Binder Free, circle, 90 mm	100/PK
1212F17	Grade GF/C Glass Microfiber Filter Binder Free, sheet, 8 X 10 in	100/PK

GE Healthcare Grade 597 ½ Qualitative Filter Papers

A prepleated filter used for a wide variety of analytical routine applications in different industries like food testing (e.g., determination of fat content) or removal of carbon dioxide and turbidity from beverages (e.g., beer analysis).

- Decreased overall filtration time because of the extra surface area exposed; the normal slow down of filtration speed due to the loading of particulate is postponed
- Increased total loading capacity as more filter area is available
- Maintained flow rate due to the reduction in filter paper contact with funnel side and the self-supporting shape of the filter itself
- The prepleating does not significantly affect any of the technical data, and the same figures may be used for the flat circles

Thomas No.	Description	Qty/Uom
1213Y55	Grade 597 ½ Qualitative Filter Paper, Folded, 125mm	100/PK
1213Y56	Grade 597 ½ Qualitative Filter Paper, Folded, 150mm	100/PK
1213Y57	Grade 597 ½ Qualitative Filter Paper, Folded, 185mm	100/PK



GE Healthcare Grade 2555 ½ Qualitative Filter Paper

A medium fast filter paper used for the filtration of the mash for the determination of the extract in malt and wort and for removing carbon dioxide from beer.

- Decreased overall filtration time because of the extra surface area exposed; the normal slow down of filtration speed due to the loading of particulate is postponed
- Increased total loading capacity as more filter area is available
- Maintained flow rate due to the reduction in filter paper contact with funnel side and the self-supporting shape of the filter itself
- The prepleating does not significantly affect any of the technical data, and the same figures may be used for the flat circles

Thomas No.	Description	Qty/Uom
1213Y94	Grade 2555 ½ Qualitative Filter Paper Folded (Prepleated), 240 mm,	100/PK



GE Healthcare Grade 1 Qualitative Filter Paper

These cellulose filters are used in qualitative analytical techniques to determine and identify materials.

The most widely used filter paper for routine applications with medium retention and flow rate. Extended range of sizes includes 10 to 500 mm diameter circles and 460 x 570 mm sheets. This grade covers a wide range of laboratory applications and is frequently used for clarifying liquids. Traditionally the grade is used in qualitative analytical separations for precipitates such as lead sulfate, calcium oxalate (hot), and calcium carbonate.

Thomas No.	Description	Qty/Uom
4712B40	Grade 1 Qualitative Filter Paper, 15.0cm	100/PK
4712B45	Grade 1 Qualitative Filter Paper, 18.5cm	100/PK
4712B60	Grade 1 Qualitative Filter Paper, 32.0cm	100/PK



GE Healthcare Grade 2 Filter Paper

A standard grade filter used for monitoring specific contaminants in the atmosphere and in soil testing. Slightly more retentive than Grade 1 with a corresponding increase in filtration time (i.e., slightly slower filtration speed). More absorbent than Grade 1. In addition to general filtration in the 8 µm particle size range, the extra absorbency is utilized, for example, to hold soil nutrient in plant growth trials. Also used for monitoring specific contaminants in the atmosphere and in soil testing.

Thomas No.	Description	Qty/Uom
4712F30	Grade 2 Filter Paper, 11.0cm	100/PK
4712F35	Grade 2 Filter Paper, 12.5cm	100/PK
4712F40	Grade 2 Filter Paper, 15.0cm	100/PK
4712F45	Grade 2 Filter Paper, 18.5cm	100/PK
4712F50	Grade 2 Filter Paper, 24.0cm	100/PK
4712F60	Grade 2 Filter Paper, 32.0cm	100/PK
0898S95	Grade 2 Filter Paper, 38.5cm	100/PK
4712F25	Grade 2 Filter Paper, 9.0cm	100/PK



GE Healthcare Grade 3 Filter Paper

A standard grade filter used in qualitative analytical techniques to determine and identify materials. For use in büchner funnels.

Double the thickness of Grade 1 with still finer particle retention and excellent loading capacity; more precipitate can be held without clogging. The extra thickness gives increased wet strength and makes this grade highly suitable for use in Büchner funnels. The high absorbency is particularly valuable when the paper is used as a sample carrier.

Thomas No.	Description	Qty/Uom
4712K30	Grade 3 Filter Paper, 11.0cm	100/PK
4712K35	Grade 3 Filter Paper, 12.5cm	100/PK
4712K40	Grade 3 Filter Paper, 15.0cm	100/PK
0898S92	Grade 3 Filter Paper, 18.5cm	100/PK
0898S91	Grade 3 Filter Paper, 24.0cm	100/PK
4712K25	Grade 3 Filter Paper, 9.0cm	100/PK



Benchmark Hotplates, Stirrers and Hotplate Stirrers

- Large Work Surface, 7.5 x 7.5 in.
- Space Saving Design, 8 x 9 in. Footprint
- Chemical Resistant White Ceramic Top Plate
- Safety LEDs Indicate When Heating or Stirring
- Quick and Easy Adjustment of Heating / Mixing

Benchmark hotplates, stirrers and hotplate-stirrers feature an exceptionally durable, chemical resistant white ceramic work surface. Their space-efficient design (8 X 9 in. footprint), makes them ideal for use on crowded bench tops and inside of bio-hoods.

Advanced microprocessor controls with convenient turn knobs allow quick, precise adjustment and maintenance of speed and temperature. With a square 7.5 in work surface, all three models are compatible with a wide variety of popular sizes of borosilicate glass beakers, flasks, bottles and other vessels. The hotplate/magnetic stirrer model (H4000-HS) comes complete with a support rod for mounting thermometers and temperature probes.

Thomas No.	Description	Qty/Uom
1227U97	Hotplate / Stirrer, 7.5" x 7.5", 120V	1/EA
1227U98	Hotplate, 7.5" x 7.5", 120V	1/EA
1227U99	Magnetic Stirrer, 7.5" x 7.5", 120V	1/EA

Adam Equipment Core® Compact Portable Balances

The Core series from Adam Equipment is the best choice for simple operation and economy.

Features

- 9 weighing units
- Full range tare
- Zero Tracking
- Simple 4 button operation
- Backlit LCD display
- Stainless steel pan
- ShockProtect™ overload three-point protection
- AC Adapter

Thomas No.	Description	Qty/Uom
1224C72	Core™ Compact Portable Balance, 250 g x 0.1g, 4.7" dia. Platform, 110V	1/EA

**See web for additional Adam Equipment Balance options*

Techne (Bibby Scientific US) Digital Dri-Block® Heaters

Techne® Dri-Block® heaters have been providing a safe, dry, constant temperature source in the laboratory for 50 years.

Key Features

- Small, light, compact footprint - flat top surface allows units to be stacked in storage
- Can hold any combination of aluminium insert blocks, depending on the model chosen
- Digital models enable highly accurate temperature precision
- Temperature range from ambient + 5°C to 200°C depending on model chosen
- Fast heat-up rate: 25°C to 100°C in 7-9 minutes, depending on model chosen
- Advanced temperature control. Temperature stability at 37°C ± 0.1°C
- Bright orange 5-digit LED digital display for fast and accurate setting of temperature and timer
- Temperature range from ambient to 100°C or 200°C, depending on the model chosen
- Choice of models with 2, 3 or 4 interchangeable blocks

Thomas No.	Description	Qty/Uom
1200Z71	Dri-Block Heater, Ambient + 5°C to 100°C, 2 Blocks, 115V	1/EA
1200Z75	Dri-Block Heater, Ambient + 5°C to 200°C, 2 Blocks, 115V	1/EA
1200Z77	Dri-Block Heater, Ambient + 5°C to 200°C, 3 Blocks, 115V	1/EA
1200Z79	Dri-Block Heater, Ambient + 5°C to 100°C, 3 Blocks, 115V	1/EA
1200Z81	Dri-Block Heater, Ambient + 5°C to 100°C, 4 Blocks, 115V	1/EA

**See web for additional sizes*



Adam Equipment Nimbus Precision Balances

Nimbus offers 19 models that deliver a full range of precision readabilities, from 0.1mg to 0.1g. Innovative design requires less space but retains the highest level of performance. The weighing system is fabricated using hardened materials, helping the Nimbus tolerate rigorous laboratory use. Highly efficient mechanics plus improved processing power of the electronics leads to more accurate results.

- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Robust metal housing protects internal components in harsh environments
- USB and RS-232 interfaces provide easy communication with computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines

Thomas No.	Description	Qty/Uom
1191R24	PGL Precision Balance, 8000g x 0.1g, 7.6" x 7.6" Platform, 110V	1/EA

**See web for additional Adam Equipment Balance options*

Techne (Bibby Scientific US) Aluminium Dri-Block® Inserts

- Manufactured from anodised aluminium Techne Dri-Block® inserts are either single-width to accommodate a wide variety of tubes and vials, double-width to accommodate microtitre and PCR plates or triple width to accommodate select consumables
- Most blocks have a separate hole to accommodate a thermometer if required. Techne® also offer a half-width plastic spacer, commonly used in the Techne® FSC496D Sample Concentrator

Thomas No.	Description	Qty/Uom
5891L29	Block, 25 mm, 6 Holes (48 mm deep & conical)	1/EA

**See web for additional sizes*

Benchmark Vornado™ Miniature Vortex Mixers

Powerful is the best word to describe this mini vortexer. With a 4mm orbit and fixed speed of 2800rpm, the Vornado instantly vortexes even the largest samples, including nearly full 50 ml tubes. Despite its powerful motor, the Vornado has a footprint of less than 4x4 inches, allowing it to fit on even the most crowded bench.

Insta-Touch operation means that the motor is automatically activated with slight pressure on the center cup head. Operation is smooth, quiet and efficient. When pressure is removed, operation immediately ceases.

Thomas No.	Description	Qty/Uom
1199K42	Vornado Miniature Vortexer, Grey Cup Head, 115V	1/EA
1199K43	Vornado Miniature Vortexer, Blue Cup Head, 115V	1/EA
1199K44	Vornado Miniature Vortexer, Green Cup Head, 115V	1/EA
1199K45	Vornado Miniature Vortexer, Purple Cup Head, 115V	1/EA
1199K46	Vornado Miniature Vortexer, Red Cup Head, 115V	1/EA

Sper Scientific Dissolved Oxygen Pen

Measures dissolved oxygen to determine water quality in environmental testing, labs, industrial and municipal waste water, aquariums and fish hatcheries.

- Designed for simple one-hand operation with automatic temperature compensation and calibration to air
- polarographic probe has a built in temperature sensor and easy to replace pop-off probe heads
- Simultaneously displays dissolved oxygen and temperature readings
- Comes ready to use in a soft carrying case with belt loop, two spare probe heads, electrolyte and 4 AAA batteries. Dim: 8 x 2 x 1 1/2 inch (180 x 40 x 40 mm). Weight: 6 oz (175 g).

Thomas No.	Description	Qty/Uom
1229F18	Dissolved Oxygen Pen	1/EA



Thermo Scientific Orion STAR A121 pH Portable Meter

- Large, informative screen clearly shows the main information, including pH or mV reading, temperature, meter mode, calibration information and battery life
- Don't miss a reading – AUTOREAD™ locks in the stable reading on your screen and ready indicator alerts when readings are stable
- Up to 3 point pH calibration
- Automatic recognition of USA/NIST and DIN buffers
- Easily recall calibration slope data for procedure checks
- Non-volatile memory holds up to 50 data points
- Four AA batteries (included) provide over 2000 hours of operation or purchase the universal power adapter (sold separately) to run meter on AC power
- Perfectly portable, waterproof and protected to take anywhere with a IP67-rated housing
- 3 year meter manufacturer's replacement warranty



Thomas No.	Description	Qty/Uom
1218X24	STAR A121 pH Hand-Held Meter with Electrode Stand	1/EA
1218X25	Star A121 pH Hand-Held Meter with Electrode Stand; 9107BNMD Gel-filled Epoxy pH/ATC Triode with 1.5 Meter Cable; 916099 pH Buffer 60mL Kit (pH 4, 7, 10 Buffer, Storage and Cleaning Solutions); 911110 Rinse Solution Pouches; STARA-CS Star A Hand-Held Meter Hard Carrying Case; STARA-AR Star A Hand-Held Meter Armor with Stand and Electrode Holders	1/EA

Thermo Scientific Orion Orion AQUAfast AQ3010 Turbidity Meter

Perfect for the plant, field or even in a lab, this simple, yet powerful turbidity meter offers impressive features. Autoranging from 0 to 1000 NTUs, the AQ3010 meter generates an accurate turbidity reading in seconds. Results are easy to read and record from the large, bright LCD display in a variety of work environments.



- Ergonomic IP67 turbidity meter for lab or field use
- Uses Nephelometric principle with 90° detection
- In many locations a separate light cap or shield is not needed
- Meets ISO 7027 and offers consistent light source for greater accuracy
- No mixing or diluting with EPA-approved polymer bead primary standards for faster calibration
- Three year manufacturer's warranty

Thomas No.	Description	Qty/Uom
1224B94	Orion Aquafast AQ3010 Turbidity Meter Kit	1/EA

Thermo Scientific UV-Vis Genesys 10S Vis & UV-Vis Spectrophotometers

Power up your Lab! The Thermo Scientific GENESYS 10S platform provides maximum performance at an affordable price. Built on the foundation of sixty years of UV-Visible experience, the GENESYS 10S series are designed to deliver accurate and reliable data. These instruments offer an efficient optical design for maximum sensitivity. Feature-rich embedded software provides functionality for demanding samples, yet is simple and straight forward for routine analysis. Custom methods are easy to generate and store for future use. The GENESYS 10S Series are ideal for research, routine analysis, educational and industrial applications.



- Tungsten lamp, single detector, 5nm optics on the low-cost, Visible only version
- Long-life xenon light source (3-5 years typical lifetime), dual beam, 1.8 nm optics on all UV-Vis models
- Bright, easy-to-read display
- Fixed point measurements and full range, fast scanning capability
- USB connectivity for data storage, printing and PC control (in addition to local control, all G10S instruments can be operated by an external PC)

Thomas No.	Description	Qty/Uom
1226M36	Genesys 10S Vis, US line cord	1/EA
1226M37	Genesys 10S Vis, with internal printer, US line cord	1/EA
1226M38	Genesys 10S UV-Vis, US line cord	1/EA

*See web for additional options

Oakton pH 5+ Meter

High ± 0.01 pH accuracy at economical prices

- Reads pH and temperature
- Automatic Temperature Compensation (ATC)
- All push button operation
- Three-point pH calibration
- Auto buffer recognition
- Use with most pH electrodes with BNC connectors



The microprocessor-based pH 5+ meter is OAKTON's most economical portable pH meter, yet it gives you the same high accuracy and reliability of our other portable meters! Use this meter to take routine pH and temperature measurements. Meter includes a protective rubber boot that also acts as a meter stand.

Thomas No.	Description	Qty/Uom
1200M04	pH 5+ Meter with ATC probe, rubber boot, and batteries	1/EA
1200M05	pH 5+ Meter with single-junction, sealed, epoxy-body electrode, ATC probe, rubber boot, and batteries	1/EA
1200M06	pH 5+ Meter kit with "All-in-one" pH electrode, pH buffer solutions, sample bottles, rubber boot, batteries, and carrying case	1/EA

Thermo Scientific Orion Star A323 Dissolved Oxygen Portable Meter

- Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- No need to worry about DO probe compatibility – the meter accepts and automatically recognizes Orion polarographic and RDO optical/luminescence-based probes
- Don't miss a reading – AUTO-READ* locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals
- Four AA batteries (included) provide over 800 hours of operation or purchase the universal power adapter (sold separately) to use AC power
- Three year meter replacement manufacturer's warranty



Certifications: CE, TUV, FCC Class A limits

Thomas No.	Description	Qty/Uom
1218X61	Star A323 RDO/DO Hand-Held Meter; 087010MD RDO Optical DO Probe with 3 Meter Cable; STARA-CS Star A Hand-Held Meter Hard Carrying Case; STARA-AR Star A Hand-Held Meter Armor with Stand and Electrode Holders	1/EA

Hettich Hettich Rotofix 32 A Benchtop Centrifuge

Features:

- Rugged, versatile, indispensable benchtop
- Wide variety of accessories
- All-steel construction
- Easy-Lift™ / Safety-Lock™ Lid
- Five (5) year warranty



Thomas No.	Description	Qty/Uom
1211P71	Rotofix 32A Centrifuge, 16/4 Places, 15/50mL, 90° Swing-out, 115V	1/EA
1211P72	Rotofix 32A Centrifuge, 6 Places, 15/50mL, 90° Swing-out, 115V	1/EA

Thermo Scientific Orion Waterproof Green pH Electrodes

Free of lead and mercury unlike many pH electrodes allowing easy disposal

- Meets all RoHS requirements
- Durable plastic body that can be used under rugged conditions
- Waterproof BNC connector is impervious to water



The waterproof BNC connector provides a waterproof and secure connection when used with an Orion Star Series meter. This BNC connector is compatible with any standard BNC input on any Orion or competitive meter model.

Thomas No.	Description	Qty/Uom
1229X41	Electrode, Single Junction, Gel Filled w / BNC Connector	1/EA
1229X42	Electrode, Double Junction, Gel Filled w / BNC Connector	1/EA
1229X44	Electrode, Double Junction, Refillable w / BNC Connector	1/EA

Thermo Scientific Orion

ROSS® Sure-Flow® pH Electrodes

ROSS® Sure-Flow Electrodes provide a free-flowing sleeve junction especially designed for measurement in general pH samples as well as viscous or colloidal samples whenever best performance is desired.

- Junction can be cleaned easily between measurements
- Pressing down on the cap allows filling solution to flow through the junction, carrying away any contamination that may interfere with measurement



Thomas No.	Description	Qty/Uom
1234Y71	ROSS® Sure-Flow® Combination Electrode, Epoxy Body, Waterproof, BNC Connector	1/EA
1234Y72	ROSS® Sure-Flow® Combination Electrode, Waterproof, BNC Connector	1/EA
1234Y73	Combination Semi-Micro Electrode, BNC	1/EA

Sartorius (Biohit Family)

mLINE Adjustable Volume Pipettors

Patented lightweight plunger action, with Optiload™ System

- Large, easy-to-read volume display
- Patented volume lock design prevents sampling error
- Ejection collar and tip cone can be removed without tools for easy cleaning and maintenance
- Fully autoclavable without recalibration
- Stepless volume adjustment
- Three-year manufacturer's warranty
- Effortless tip ejection
- Easy to recalibrate



Thomas No.	Description	Qty/Uom
7733Q52	mLINE Mechanical Pipettor, 1-Channel, 0.5-10µl	1/EA
7733Q54	mLINE Mechanical Pipettor, 1-Channel, 2-20µl	1/EA
7733Q58	mLINE Mechanical Pipettor, 1-Channel, 10-100µl	1/EA
7733Q60	mLINE Mechanical Pipettor, 1-Channel, 20-200µl	1/EA
7733Q64	mLINE Mechanical Pipettor, 1-Channel, 100-1000µl	1/EA
7733Q68	mLINE Mechanical Pipettor, 1-Channel, 500-5000µl	1/EA
1228M58	mLINE Mechanical Pipettor, 1-Channel, 1-10ml	1/EA
7733Q70	mLINE Carousel Stand	1/EA

Ohaus

Pen pH Meters

After more than a century of perfecting the art of measurement through our durable weighing products, OHAUS precision is now available in a line of pen meters that provide accurate measurement of pH, oxidation-reduction potential (ORP), conductivity, salinity, and total dissolved solids (TDS).

- Simple, fast, straightforward, no-frills operation time and time again
- Durable ABS housing, a protective sensor cap, and automatic shutdown feature that preserves battery life
- Equipped with a wrist strap that helps prevent unintentional dropping
- Constructed with an IP67 waterproof design that can prevent water damage when dropped in to liquid



Thomas No.	Description	Qty/Uom
1185M78	ST10 Pen pH Meter 0.1pH-No Cal	1/EA
1186U99	ST20 Starter Pen Meter, 0 – 14 pH Range, 0.01 pH Resolution	1/EA

Thermo Scientific Orion

Orion® pH Buffers

Orion pH buffers are manufactured under ISO 9000 quality standards. Buffers are color-coded for ease of use, packaged with buffer/temperature tables for accurate calibrations and NIST traceability.



Thomas No.	Description	Qty/Uom
1226E76	pH 4.01 Buffer, Color Coded Pink, 60 mL	5/PK
4120L75	pH 4.01 Buffer, Color Coded Pink, 475 mL	1/EA
1226E78	pH 7.00 Buffer, Color Coded Yellow, 60 mL	1/EA
4120L80	pH 7.00 Buffer, Color Coded Yellow, 475 mL	5/PK
4120L85	pH 10.01 Buffer, Color Coded Blue, 475 mL	1/EA

Thermo Scientific Orion

Star A213 Dissolved Oxygen Benchtop Meter

Thermo Scientific Orion Star A213 Dissolved Oxygen (DO) Benchtop Meter is the ideal choice for any lab. Get the information you need quickly and easily from the large, backlit graphic LCD display. Informative display shows dissolved oxygen in percent saturation or concentration and temperature along with time, date, sample ID, user ID and calibration information.



For advanced users, features such as stability and averaging options and flash expansion through the USB provide additional options. Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese

Certifications: CE, TUV, FCC Class A limits

Thomas No.	Description	Qty/Uom
1218X43	Star A213 RDO/DO BT Meter with Electrode Stand	1/EA
1218X44	Star A213 RDO/DO BT Meter with Electrode Stand; 083005MD Polarographic DO Probe with 1.5 Meter Cable and Calibration Sleeve; 080513 Probe Maintenance Kit; 970802 BOD Funnel and Stirrer; 080360 BOD Adapter	1/EA
1218X45	Star A213 RDO/DO BT Meter with Electrode Stand; 086030MD AUTO-STIR DO/BOD Probe with 2 Meter Cable; 080514 Polarographic Electrolyte Solution; 080513 Probe Maintenance Kit	1/EA

Thermo Scientific Orion

Orion Star A123 Dissolved Oxygen Portable Meter

Thermo Scientific Orion Star A123 Dissolved Oxygen Portable Meters combine simplicity with accuracy. A large LCD displays dissolved oxygen readings along with temperature. Icons provide quick updates on battery life and completed calibration status. Simple button layout and onscreen messages help with calibration and setup menu choices.



- Large, informative screen clearly shows the main information, including DO reading in mg/L or % saturation, temperature in °C or °F, meter mode and battery life
- Automatic temperature, manual salinity input and manual barometric pressure compensation for an accurate result
- Don't miss a reading – AUTOREAD™ locks in the stable reading on your screen and ready indicator alerts when readings are stable
- Two calibration options to meet your procedural requirements: water-saturated air method or a Winkler titration
- Accepts Thermo Scientific Orion polarographic dissolved oxygen probes
- Non-volatile memory holds up to 50 data points
- Four AA batteries (included) provide over 2000 hours of operation or purchase the universal power adapter (sold separately) to run meter on AC power
- Perfectly portable, waterproof and protected to take anywhere with a IP67-rated housing
- 3 year manufacturer's meter replacement warranty

Thomas No.	Description	Qty/Uom
1218X32	Star A123 DO Hand-Held Meter with Electrode Stand	1/EA

Thermo Scientific Orion

pH Electrode Solutions

Electrode Storage Solution

- 475 mL plastic bottle
- pH of solution is 6.2 to 7.4

For short term storage of all electrodes for one day to a week.



Electrode Filling Solution

Internal filling solution for Ross-type electrodes (3M KCl). In packages of five 50 mL bottles.

Thomas No.	Description	Qty/Uom
1234J80	Ross pH Electrode Storage Solution, 475 mL	1/EA
1234J81	Electrode Storage Bottle	3/PK
4153W25	Orion pH Electrode Storage Solution, 475 mL	1/EA
4153W50	Orion Reference Fill Solution 3M KCl	5/CS

Labnet

Spectrafuge™ 6C Compact Research Centrifuge

- The Spectrafuge™ 6C has been designed for quick production of PPP (platelet poor plasma) and PRP (platelet rich plasma)
- The included 6 place rotor is capable of running round or conical bottom 15ml or 10ml tubes. Adapters for smaller tube sizes are available separately
- Time can be set as low as 30 seconds and to the "On" position for a continuous run. The Spectrafuge™ 6C is the smallest centrifuge in its class. The 8x9 inch footprint makes it ideal for almost any laboratory and it can easily be transported from lab to lab



Thomas No.	Description	Qty/Uom
1215J64	Spectrafuge™ 6C, Research Centrifuge	1/EA

Benchmark BenchMixer™

Best Value!

With advanced Q-Drive technology, the BenchMixer™ provides smooth instant mixing of the largest sample sizes, including full 50mL tubes. The counter balance system creates maximum vortexing action, while minimizing noise and excessive vibration. This results in quieter, more efficient and longer lasting operation.

- Features include: "no-walk" suction feet, cold room/incubator compatibility and spill-roof electronic controls.



Thomas No.	Description	Qty/Uom
1227U58	Vortex Mixer Benchmixer 120V	1/EA
1227U59	Vortexer Flat Head	1/EA
1227U60	Vortexer Combo Head	1/EA
1213F87	Horizontal head attachment for BenchMixer Vortexer; 4 x 15 mL tubes	1/EA
1213F86	Horizontal head attachment for BenchMixer Vortexer; 12 x 1.5 mL tubes	1/EA
1213F88	Horizontal head attachment for BenchMixer Vortexer; 2 x 50 mL tubes	1/EA

Mettler Toledo Densito 30PX

- Automatic temperature compensation
- Controllable sampling speed
- Helps fulfill GLP regulations

Portable densitometer delivers highly accurate results quickly. Density can be displayed in g/cm³, lb/gal (US) and lb/gal (IP). Clearly visible measurement cell reduces errors due to impurities or air bubbles. To help fulfill GLP regulations, refractometer saves up to 1100 results including sample ID, measurement unit, temperature correction coefficient, instrument ID, date and time. Data can be transferred to a PC or printer via the infrared interface. Users can attach a syringe to measure samples with high viscosity or those that de-gas easily. Backlit dot matrix display has large characters and an easy-to-navigate user interface. Requires 2 AAA batteries for approximately 90 hours of operation.



Thomas No.	Description	Qty/Uom
8043A12	Densito 30PX Portable Densitometer	1/EA

Thomas® Hot Plates

- LED temperature display
- Microprocessor control
- Cool Touch, chemical-resistant housing



Thomas hot plates provide superior performance and repeatable results. Low-profile, spill-resistant housing channels fluids away from internal components. Microprocessor control regulates heating function. Ceramic top plate features a chemical-resistant, reflective white top plate surface that is easy to clean. Ceramic temperature range is ambient +5°C to 500°C. Two-year warranty on parts and labor.

Thomas No.	Description	Qty/Uom
1224Q75	Hot Plate, Ceramic, 4 x 4, 230V, Adv	1/EA
1224Q73	Hot Plate, Ceramic, 4 x 4, 120V, Adv	1/EA
1235A20	Hot Plate, Ceramic, 7 x 7, 120V	1/EA
1235A24	Hot Plate, Ceramic, 7 x 7, 230V	1/EA
1235A28	Hot Plate, Ceramic, 10 x 10, 120V	1/EA
1235A32	Hot Plate, Ceramic, 10 x 10, 230V	1/EA

Thermo Scientific Cimarec+™ Stirring Hot Plates Series

Thermo Scientific™ Cimarec+™ series digital stirring hotplates offer precise stirring control, exceptional safety and temperature performance for your routine protocols. The Cimarec+ Series are available in three sizes, providing flexibility from microscale chemistries to production operations.



Advanced Technology

- Stir-Trac 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 (122°F)
- Flexible, Robust Design
- Top plate choices in ceramic or aluminum
- Easy-to-read LED display for heating and stirring
- Raised display design protects electronics from spill

Thomas No.	Description	Qty/Uom
1187P02	Cimarec+ Ceramic Top Hotplate Stirrer, 4 x 4", 100-120V, 50/60Hz	1/EA
1187P04	Cimarec+ Ceramic Top Hotplate Stirrer, 7 x 7", 100-120V, 50/60Hz	1/EA
1187P08	Cimarec+ Aluminum Top Hotplate Stirrer, 7 x 7", 100-120V, 50/60Hz	1/EA
1187P10	Cimarec+ Ceramic Top Hotplate Stirrer, 10 x 10", 100-120V, 50/60Hz	1/EA

Thomas® TS-M Series Analytical Balances

The TS-M Series is a top quality series that combines elegance with highly reliable measuring performance. The TS-M 'i' balances are equipped with an automatic internal calibration system so the balance is always calibrated and practically insensitive to environmental temperature fluctuations. These instruments merge innovation and high technology, powered by the latest generation of microprocessors.

Many software functions are included to make these balances an ideal instrument for your work. Each balance is equipped with RS232 output interface. A high level of performance is guaranteed by the electromagnetic force restoration weighing cell.

Features

- LCD backlit display with adjustable contrast
- Draftshield with sliding upper and side glass doors
- RS232 serial interface
- Selectable measuring units
- Piece counting
- Checkweighing
- Percentage weighing
- Totalizing
- Animal weighing
- Density determination (solid and liquid)
- Max load determination (peak hold)
- Plastic protection cover



Thomas No.	Description	Qty/Uom
1200J51	Analytical Balance 120 x 0.0001 g, Internal Cal	1/EA
1200J55	Analytical Balance 120 x 0.0001 g	1/EA
1200J56	Analytical Balance 220 x 0.0001 g	1/EA

Hach 2100Q Portable Turbidimeter

Meets EPA Method 180.1

- Single-standard RapidCal™ calibration offers the simplest solution for low-level measurements
- Single-step verification and on-screen assisted calibration eliminates the need to reference complicated manuals
- Optional USB module enables simple data transfer. All data is easily downloaded to any computer, providing superior data integrity and availability
- Exclusive algorithm in the Rapidly Settling Turbidity™ mode provides accurate, repeatable measurements for rapidly settling, difficult-to-measure samples while eliminating the need for redundant measurements and estimating



Thomas No.	Description	Qty/Uom
1224Y43	2100Q Portable Turbidimeter	1/EA
1224Y45	Power module (includes: universal power supply, instruction sheet)	1/EA

Reichert Technologies Brix/RI-Chek Refractometer

The Brix/RI-Chek is a versatile refractometer that raises the bar for performance and value. It is easy to operate and provides quick results. The Brix/RI-Chek has an IP65 Dustproof/Water resistant rating so it can be used in virtually any environment.

The Brix/RI-Chek features a 5-digit, full view screen that displays all pertinent measurement data in one view. This feature reduces the costs associated with reading errors and eliminates the time associated with waiting for scrolling values.

The Brix/RI-Chek is easy to operate which eliminates the need for specialized training. Measurement results display in 2 seconds, which saves time and increases productivity!

- 3 measurement scales
- Brix with Automatic Temperature Correction (ATC)
- Refractive Index with Automatic Temperature Correction (ATC)
- Refractive Index at Actual Temperature
- 5-digit, full view LCD screen
- Results displayed in 2 seconds

Thomas No.	Description	Qty/Uom
1228M84	Brix/RI-Chek Refractometer	1/EA

Atago Digital Refractometer, Wine Must, WM-7

- Digital accuracy
- Compact size
- Push button operation
- Automatic temperature compensation

The Atago Model WM-7 digital refractometer provides the scales used in all wine-making regions of the world in one easy-to-select unit. The user only needs to choose one of the scales by pressing the SELECT button, placing one or two drops of Must on the prism and pressing the START button. The reading is shown on the large LCD within two seconds. Calibration is accomplished by placing a couple drops of water on the prism and pressing the ZERO button. Stable LED light source ensures accuracy and repeatability between users. With rugged construction, water-resistant design and light weight, this unit will provide years of reliable use in the fields, even in harsh, humid conditions. Complete with carrying case, plate screwdrivers, 9V battery and instructions. Dimensions: 9 x 17 x 4 (L x W x H, cm); weight: 300 g.

Thomas No.	Description	Qty/Uom
8045F41	Digital Refractometer, Wine Must, WM-7	1/EA

H-B Instrument FRIO-Temp® Precision Liquid-In-Glass Verification Thermometers

FRIO-Temp® verification thermometers for sample temperature measurement within Freezers, Refrigerators, Incubators or Ovens without introducing contamination.

These thermometers are:

- Filled with environmentally safe non-toxic, non-hazardous, biodegradable Enviro-Safe® liquid EnviroKleen™ certified by ChemTel, an independent laboratory (except Catalog No. 20630 - Organic liquid filled)
- Comparable in accuracy to mercury filled thermometers, but are 100% environmentally safe (except Catalog No. 20630)
- PTFE coated
- Individually serialized
- Tested and calibrated in an exclusive triple accredited/registered ISO/IEC 17025:2005, A2LA accredited laboratory against equipment whose calibration is traceable to NIST and DKD/PTB
- Accompanied by a Statement of Accuracy indicating accuracy traceable to NIST and DKD/PTB
- Contain multi-language instructions (English, French, German, Italian, Portuguese and Spanish)
- Individually packaged to prevent breakage

Thomas No.	Description	Qty/Uom
1212P64	FRIO-Temp® Precision Liquid-In-Glass Verification Thermometer, Blood Bank, 20/70 °F x 1°F	1/EA



LaMotte BrewLab™ Test Kit

The BrewLab™ test kit for Home Brewers quantifies 6 important 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 great beer. Trust LaMotte, the water analysis experts since 1919, to help you control your most important ingredient...water!

6 Essential Test Factors - PLUS a high quality pH Meter (included with C985K37)

- Total Hardness
- Calcium Hardness (Magnesium Hardness)
- Total Alkalinity
- Sulfate
- Chloride
- Sodium

(BrewLab PLUS • CODE #7188-01 (C985K37))

Test Factor	Range	Number of Tests
Total & Calcium Hardness	0-200 ppm* as CaCO ₃	50 at 200 ppm
Alkalinity	0-200 ppm* as CaCO ₃	50 at 200 ppm
Sulfate	0-200 ppm sulfate	50
Chloride	1 drop = 10, 25 ppm	Approx. 80
pH	0.0 - 14.0 pH	unlimited
Sodium	calculation	----

*and higher

BrewLab Basic • CODE #7189-01 (C985K38 - pH Meter not included)

Test Factor	Range	Number of Tests
Total & Calcium Hardness	0-200 ppm* as CaCO ₃	50 at 200 ppm
Total Alkalinity	0-200 ppm* as CaCO ₃	50 at 200 ppm
Sulfate	0-200 ppm sulfate	50
Chloride	1 drop = 10, 25 ppm	Approx. 80
Sodium	calculation	----

*and higher

Thomas No.	Description	Qty/Uom
C985K37	BrewLab Plus	1/EA
C985K38	BrewLab Basic (without pH Meter)	1/EA

Thermco Rascher & Betzold A.S.B.C. High Precision Top Reading Hydrometers

A.S.B.C. Top Reading Pyrex® Brand Glass Hydrometers High precision A.S.B.C. (American Society of Brewing Chemists) hydrometers used for the determining extract of beer and wort specified and described in Methods of Analysis of the American Society of Brewing Chemists.

- The top reading hydrometers are accurate to within one scale division.
- Check laboratory determinations made with the Boot or Reischauer pycnometer.
- All A.S.B.C. hydrometers are guaranteed to be accurate, with a maximum error not exceeding one smallest division of the hydrometer scale or one-half smallest division of the thermometer scale

Thomas No.	Description	Qty/Uom
1179Y09	A.S.B.C. Small Laboratory Type Hydrometer, -2/6 x 0.1	1/EA
1179Y10	A.S.B.C. Small Laboratory Type Hydrometer, 0/8 x 0.1	1/EA
1179Y11	A.S.B.C. Small Laboratory Type Hydrometer, 8/16 x 0.1	1/EA
1179Y12	A.S.B.C. Small Laboratory Type Hydrometer, 16/24 x 0.1	1/EA
1179Y13	A.S.B.C. Large Laboratory Type Hydrometer, 0/8 x 0.1	1/EA
1179Y14	A.S.B.C. Large Laboratory Type Hydrometer, 8/16 x 0.1	1/EA
1179Y15	A.S.B.C. Large Laboratory Type Hydrometer, 16/24 x 0.1	1/EA
1179Y16	A.S.B.C. Large Plant Type Hydrometer, 0/14 x 0.1	1/EA
1179Y17	A.S.B.C. Large Plant Type Hydrometer, 12/26 x 0.1	1/EA
1179Y18	A.S.B.C. Large Strong Plant Type Hydrometer, 2/8 x 0.1	1/EA
1179Y19	A.S.B.C. Large Strong Plant Type Hydrometer, 8/14 x 0.1	1/EA
1179Y20	A.S.B.C. Large Strong Plant Type Hydrometer, 10/16 x 0.1	1/EA
1179Y21	A.S.B.C. Large Strong Plant Type Hydrometer, 0/10 x 0.1	1/EA
1179Y22	A.S.B.C. Large Strong Plant Type Hydrometer, 10/20 x 0.1	1/EA
1179Y23	A.S.B.C. Special Strong Plant Type Hydrometer, -1/2 x 0.05	1/EA
1179Y24	A.S.B.C. Special Strong Plant Type Hydrometer, 2/5 x 0.05	1/EA
1179Y25	A.S.B.C. Special Strong Plant Type Hydrometer, 6/9 x 0.05	1/EA
1179Y26	A.S.B.C. Special Strong Plant Type Hydrometer, 9/12 x 0.05	1/EA
1179Y27	A.S.B.C. Special Strong Plant Type Hydrometer, 11/14 x 0.05	1/EA
1179Y28	A.S.B.C. Special Strong Plant Type Hydrometer, 12/15 x 0.05	1/EA
1179Y29	A.S.B.C. Special Strong Plant Type Hydrometer, 14/17 x 0.05	1/EA



Benchmark

Autoclave 120V Bioclave

Steam sterilization of research tools and consumables is convenient and affordable with the BioClave™ digital research autoclaves. With a width of under 18 in. (under 14 in. for the BioClave Mini), both models will fit comfortably on even the most crowded bench top.



- Sterilization chambers are spacious, accommodating a variety of liquids, media, instruments, glassware, plasticware and other common laboratory items.
- Each model includes a mechanical and electrical safety interlock that prevents the door from being opened until the pressure has reached zero PSI
- With large digital displays and fully automatic operation, all segments of the sterilization cycle (fill, sterilize, exhaust and dry) commence and run to completion with a press of a button.

Thomas No.	Description	Qty/Uom
1227W09	Autoclave 8L Mini Research 120V Bioclave	1/EA
1227W10	Autoclave 16L Research 120V Bioclave	1/EA

EMD Millipore

Scepter 2.0 Handheld Automated Cell Counter

- Coupled with precision liquid handling channels and electronics, the Scepter sensor accurately and reliably provides cell population statistics
- The 40µm Scepter Sensors are designed to count particles between 3µm & 17 µm on the Scepter 2.0 Cell Counter
- The 60µm Scepter Sensors are for counting particles between 6µm & 36µm on the Scepter 2.0 Cell Counter.
- Scepter Test Beads can be used to assess the Scepter Cell Counter.



Thomas No.	Description	Qty/Uom
1193G83	Scepter 2.0 Handheld Automated Cell Counter, w/ 50pk of 40µm Sensors	1/EA



SAFETY

United Scientific Supplies

White Lab Coats

Knee-Length Lab Coats made of easy care white cotton blend fabric (65% Polyester, 35% Cotton). Our coats feature one upper left breast pocket, two roomy lower pockets, side slit openings, and an adjustable back belt. A good value combined with comfort and style. Available in both men's and women's sizes.



Thomas No.	Description	Qty/Uom
1223G81	Men's Lab Coat, Medium, Size 40	1/EA
1223G82	Men's Lab Coat, Large, Size 44	1/EA
1223G83	Men's Lab Coat, Extra Large, Size 48	1/EA
1223G84	Women's Lab Coat, Small, Size 36	1/EA
1223G85	Women's Lab Coat, Medium, Size 40	1/EA
1223G86	Women's Lab Coat, Large, Size 42	1/EA

Alpha Pro Tech

Critical Cover® SureGrip™ Shoe Covers

- Outstanding anti-skid properties
- Clean and durable
- Suitable for dry environments
- Unmatched performance and overall value



Thomas No.	Description	Qty/Uom
1230Q97	Shoe Covers, non-skid, serged seams, blue, universal	300/CS
1230Q98	Shoe Covers, non-skid, serged seams, blue, XL	300/CS
1230Q99	Shoe Covers, non-skid, serged seams, blue, 2XL	300/CS

Thomas®

Universal Spill Kit

- Neutralizes acids and bases
- Color-coded
- Non-toxic
- Safe to handle
- Easy-to-store and Easy-to-use



This product can be used on acids, bases, organics, hydrocarbons, water reactive liquids, poisons, air reactive liquids, oxidizers, reducing agents and a host of other types of chemicals. Designed to change colors, red is for acid, blue is for base and yellow/green is neutral. It is easy to use and requires no additional training or safety equipment and is safe to handle, requiring no special precautions.

Thomas No.	Description	Qty/Uom
8238N05	Universal Spill Kit	1/EA

Evolution Sorbent Products

Hazmat Spills Kits

- Absorb toxic and aggressive chemical spills, including flammable, corrosive and unknown liquids
- Contain high-performance meltblown sorbents made with 100% polypropylene fiber



Thomas No.	Description	Qty/Uom
1208U76	Meltblown 5-Gallon Spill Kits Yellow HazMat	1/EA
1208U77	Meltblown 20-Gallon Polydrums HazMat	1/EA
1208U78	Meltblown 55-Gallon Polydrums HazMat	1/EA
1208U79	Meltblown 95-Gallon Polydrums HazMat	1/EA

Microflex

MidKnight™ Black Nitrile Gloves

Offers the superior combination of durability and protection against day-to-day hazards in a comfortable nitrile glove

- Powder-free
- Fully textured for enhanced tactile sensitivity and a consistent grip

Black examination glove is designed to mask the toughest of stains while providing the durability, comfort and protection typical of nitrile gloves.

Length: 9 1/2 in.; palm thickness: 4.7 mil; finger thickness: 5.5 mil.



Thomas No.	Description	Qty/Uom
1229F24	Gloves, Black Nitrile, Extra Small	100/PK, 1000/CS
1229F25	Gloves, Black Nitrile, Small	100/PK, 1000/CS
1229F26	Gloves, Black Nitrile, Medium	100/PK, 1000/CS
1229F27	Gloves, Black Nitrile, Large	100/PK, 1000/CS
1229F28	Gloves, Black Nitrile, Extra Large	100/PK, 1000/CS
1229F29	Gloves, Black Nitrile, 2X-Large	100/PK, 1000/CS

Microflex

Supreno® SE Nitrile Gloves

Designed for exceptional comfort, strength and durability

- No latex sensitivity concerns
- Textured fingertips
- Ambidextrous gloves are 9.4 inches long with a beaded cuff.
- Thickness is 3.9 mils at the cuff, 4.7 mils in the palm and 7.1 mils in the textured fingertips



Thomas No.	Description	Qty/Uom
5761Q31	Supreno SE, X-Small	100/BX, 1000/CS
5761Q35	Supreno SE, Small	100/BX, 1000/CS
5761Q39	Supreno SE, Medium	100/BX, 1000/CS
5761Q43	Supreno SE, Large	100/BX, 1000/CS
5761Q47	Supreno SE, X-Large	100/BX, 1000/CS

Justrite

Flammable Liquid Storage Cabinets

- Protects flammable liquids from flash fires, prevents excessive internal temperatures in the event of external fires and contains spilled liquids to prevent fires from spreading
- Features double-wall, 18-gauge steel with 37 mm (1 1/2") insulating airspace
- 8246B09, doors held open by a fusible link that melts at 71°C (160°F), closing door automatically
- Each unit has one shelf, adjustable in 25 mm (1") increments and accommodates a maximum of 15 gallons
- Meets OSHA and NFPA code 30 requirements



Thomas No.	Description	Qty/Uom
8246B05	Safety Cabinet, 12 Gal., 1 Shelf	1/EA
8246B09	Safety Cabinet, Self-Closing, 12 Gal., 1 Shelf	1/EA
1233W07	Safety Cabinet, Self-Closing, Countertop, 4 Gal.	1/EA
1233W08	Safety Cabinet, Manual, Compac, 15 Gal.	1/EA

Bradley

Vertical Drench Shower

- Spintec Drench Shower
- Vertical Supply
- Plastic Shower Head
- Galvanized Steel Pipe w/ Yellow Polyurethane Paint
- 1in. NPT Water Supply
- SEI Certified To ANSI Z358.1-2009



Thomas No.	Description	Qty/Uom
1204M52	Spintec Drench Shower, Vertical Supply, Plastic Shower Head, Galvanized Steel Pipe w/ Yellow Polyurethane Paint, 1in. NPT Water Supply, SEI Certified To ANSI Z358.1-2009	1/EA

National Marker (NMC)

Danger, Eye Protection Required In This Area Graphic Sign

Graphical ANSI Signs are the perfect way to alert your employees and guests when a hazard is present in your facility. Keep your facility safe, buy an ANSI sign today and prevent an accident tomorrow.



Thomas No.	Description	Qty/Uom
1215T16	Danger, Eye Protection Required In This Area With Graphic, 10x7, PS Vinyl	1/EA

*See web for additional signage options

National Marker (NMC)

Danger, Ear Protection Required In This Area Graphic Sign

Graphical ANSI Signs are the perfect way to alert your employees and guests when a hazard is present in your facility. Keep your facility safe, buy an ANSI sign today and prevent an accident tomorrow.



Thomas No.	Description	Qty/Uom
1215T08	Danger, Ear Protection Required In This Area With Graphic, 10x7, PS Vinyl	1/EA

*See web for additional signage options

NPS

Multi-Purpose Lab Soakers

Spillfyter® Soakers provide absorption protection against spills and cushioning to minimize breakage. Soakers are made with multiple layers of 100% recycled tissue and a plastic poly backing for diaper-like characteristics. Heavy duty models feature durable fabric top.



Thomas No.	Description	Qty/Uom
1233K17	Lab Soaker, Light Duty Roll, 400' x 20"	24/CS
1233K18	Lab Soaker, Light Duty Pad, 20" x 16"	60/CS
1233K19	Lab Soaker, Heavy Duty Roll w / Fabric Top, 200' x 20"	24/CS
1233K20	Lab Soaker, Heavy Duty Pad w / Fabric Top, 20" x 16"	60/CS

Uvex

XV100 Series Safety Glasses

- 10-base, wrap-around uni-lens for great peripheral vision and protection
- Molded, universal nosepiece for easy fit
- Lightweight design and thin, shaped temples for all-day comfort
- Anti-scratch Hardcoat lenses for maximum durability
- Optional Fog-Ban® anti-fog coating available (1208Y50)
- Meets ANSI Z87+ (High Impact) standard



Thomas No.	Description	Qty/Uom
1208Y47	Eyewear, Frosted Frame, Clear Lens, Anti-Scratch Coating	10/CS
1208Y50	Eyewear, Frosted Frame, Clear Lens, Fog-Ban Anti-Fog Coating	10/CS

*See web for additional eyewear options

Protective Industrial Products

Bouton® Optical The Scout Visitor Specs

PIP's most popular visitor's glasses feature a large frame that can be used alone, or as an Over-The-Glass (OTG) style to fit all personal eyewear.

- Polycarbonate unilens
- Over-the-glass design fits over all prescription eyewear
- Can also be worn by itself as a regular safety glass
- Molded nose bridge design to fit the vast majority of users
- Indirect vent temples to reduce fogging



Thomas No.	Description	Qty/Uom
1200W90	The Scout Eyewear, Visitor Specs, Clear Temple, Clear Lens, Anti-Scratch	36/PK, 144/CS
1200W91	The Scout Eyewear, Visitor Specs, Gray Temple, Gray Lens, Anti-Scratch	36/PK, 144/CS
1200W92	The Scout Eyewear, Visitor Specs, Clear Temple, Clear Lens, Uncoated	36/PK, 144/CS

Moldex

Mellows® Foam Ear Plugs

Features

- Extra-soft, extra-light foam for superior all-day comfort
- High visibility colors make compliance checks quick and easy
- Tapered shape for easy insertion and removal
- Shaped to fit even very small ear canals
- Non-irritating smooth surface
- 100% PVC-Free®
- Independently tested to ANSI S3.19-1974, NRR 30



Thomas No.	Description	Qty/Uom
1200J97	Mellows, Uncorded, 200 Pairs per Box	200/BX
1200W91	Mellows, Corded, 100 Pairs per Box	100/BX

North by Honeywell

First Aid Kit Laboratory

Laboratory First Aid Kit Designed for use in classrooms, research or clinical laboratories, this kit contains all of the components necessary to treat common issues found in a laboratory environment. The fill is unitized for easy access of treatments and ease of inspection. Kit is latex free and ANSI Z308.1-2003 compliant.

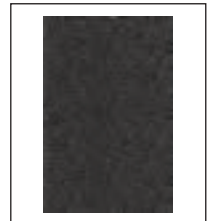


Thomas No.	Description	Qty/Uom
1215E22	First Aid Kit Laboratory	1/EA

Superior Manufacturing (AKRO®)

411 Sof-Tred™ 3/8" Floor Matting

Sof-Tred™ features an embossed pebble-texture top surface that enhances slip resistance while providing increased worker fatigue relief. The PVC closed cell foam construction relieves leg and back discomfort while providing a barrier to cold floors. Sof-Tred™ is intended for applications where basic anti-fatigue relief is required at a low cost.



Thomas No.	Description	Qty/Uom
1216U21	411 Sof-Tred 3/8" Floor Matting 2' x 3', Black	1/EA
1216U22	411 Sof-Tred 3/8" Floor Matting 3' x 5', Black	1/EA
1216U23	411 Sof-Tred 3/8" Floor Matting 2' x 3', Black	1/EA
1216U24	411 Sof-Tred 3/8" Floor Matting 2' x 3', Black	1/EA

biology research laboratory applications. Its product line includes rapid test kits, prepared media (plates, tubes, bottles, and flasks), and dehydrated culture media in the powder form.

Microbiological Media

Thomas No.	Mfg. No.	Description	Qty/Uom
1756U26	D590	Dilu-Lok II, Butterfield's Buffer, dilution blank, 90mL fill, 145mL polypropylene bottle with hinged cap	50/CS
1756U28	D599	Dilu-Lok II, Butterfield's Buffer, dilution blank, 99mL fill, 145mL polypropylene bottle with hinged cap	50/CS
1756U30	D290	Peptone Water 0.1%, 90mL HDX, 145mL DL btl, GI	50/CS
1756U32	D299	Peptone Water 0.1%, 99mL, 145mL DL btl, GI	50/CS
1188R96	G35	MacConkey Agar, 15x100mm Plate	10/PK
C838P15	W51	Nutrient Agar Plate, deep fill, 15x100mm plate	10/PK
C838P16	W60	Potato Dextrose Agar, USP, deep fill, 15x100mm plate	10/PK
C838P17	W70	Sabdex (Sabouraud Dextrose) Agar, USP, 15x100mm plate	10/PK
C838N09	C7341	Yeast Extract, 500g	1/EA
C838N10	C7342	Yeast Extract, 2kg	1/EA
C838N11	C7343	Yeast Extract, 10kg	1/EA
C851E84	C6461	Nutrient Agar, 500g	1/EA
C855E39	W64	Tryptic Soy Agar (TSA), USP, 26mL, 15 x 100mm Plate	10/PK
C859T22	P34	Tryptic Soy Agar (TSA) with Lecithin and Tween 80, USP, contact plate with friction lid	10/PK
C838L90	C5031	APT Agar, 500g	1/EA
C838L93	C5081	Baird Parker Agar Base, 500g	1/EA
C838L94	C5082	Baird Parker Agar Base, 2kg	1/EA
C838L96	C5121	Brain Heart Infusion Agar, 500g	1/EA
C838L97	C5122	Brain Heart Infusion Agar, 2kg	1/EA
C838M04	C5211	Bismuth Sulfite Agar, 500g	1/EA
C838M08	C5321	CRITERION Buffered Peptone Water, 500g	1/EA
C838M24	C5781	Fraser Broth Base, 500g	1/EA
C838M25	C5782	Fraser Broth Base, 2kg	1/EA
C838M38	C5981	Lauryl Tryptose Broth, 500g	1/EA
C846A57	C5982	Lauryl Tryptose Broth, 2kg	1/EA
C838M41	C6051	CRITERION LBS Agar, 500g	1/EA
C931M61	C6052	CRITERION LBS Agar, 2 kg	1/EA
C931M62	C6053	CRITERION LBS Agar, 10 kg	1/EA
C838M43	C6131	MacConkey Agar, 500g	1/EA
C838M44	C6132	MacConkey Agar, 2kg	1/EA
C838M45	C6133	MacConkey Agar, 10kg	1/EA
C838M58	C6811	Nutrient Broth, 500g	1/EA
C838M59	C6472	Nutrient Broth, 2kg	1/EA
C851E84	C6461	Nutrient Agar, 500g	1/EA
C931M64	C6621	CRITERION Potato Dextrose Agar, 500 g	1/EA
C931M65	C6622	CRITERION Potato Dextrose Agar, 2 kg	1/EA
C931M66	C6811	CRITERION Sabdex (Sabouraud Dextrose) Agar, 500 g	1/EA
C931M67	C6612	CRITERION Sabdex (Sabouraud Dextrose) Agar, 2 kg	1/EA
C931M68	C7561	Sabdex (Sabouraud Dextrose) Broth, 500g	1/EA
C838N25	C7562	Sabdex (Sabouraud Dextrose) Broth, 2 kg	1/EA
C931N13	680494-1G	4-Bromophenylboronic acid n-butylidethan 1g, UN 2811 6.1/pg 3	1/EA

RICCA CHEMICAL COMPANY is the leading manufacturer of analytical testing solutions. Built on the commitment to consistently deliver exceptional quality backed with superior service, we offer the largest product offering of ready-to-use analytical solutions and extensive custom manufacturing capabilities.

Stains & Dyes

Thomas No.	Mfg. No.	Description	Pkg. Size
C998P58	4850-4	Methylene Blue, 1% w/v	120 mL
C998P59	4850-16	Methylene Blue, 1% w/v	500 mL

Reagents

Thomas No.	Mfg. No.	Description	Pkg. Size
C001G19	6200-1	Potassium Hydroxide, 0.100 Normal	4 L
C395N09	3750-1	Hydrochloric Acid, 6.00 Normal	4 L
C632R30	4210-1	Isopropyl Alcohol 70% v/v Aqueous Solution	4 L
C632R35	4210-5	Isopropyl Alcohol 70% v/v Aqueous Solution	20 L
C715T91	7450-1	Sodium Hydroxide, 1 N	4 L
C716D62	7350-1	Sodium Hydroxide 0.1N	4 L
C998Z92	9190-2.5	Water, USP/EP Purified	10 L
C998Z93	9190-5	Water, USP/EP Purified	20 L
C998M31	3819-1	Hydrogen Peroxide, 3% w/w	4 L
C998Z94	9190-1	Water, USP/EP Purified	4 L
C999M87	3720-16	Hydrochloric Acid, 3 N	500 mL
C999P13	6130-1	Potassium Hydroxide, 10% (w/v)	4 L
C999P22	6140-1	Potassium Hydroxide, 20% w/v	4 L
C999Q86	7465-1	Sodium Hydroxide, 5 N	4 L

pH Buffers

Thomas No.	Mfg. No.	Description	Pkg. Size
4120R50	1501-16	Color-Coded pH Buffer, Red, Poly bottle	500 mL
4120R52	1501-32	Color-Coded pH Buffer, Red, Poly bottle	1 L
4120R53	1501-1CT	Color-Coded pH Buffer, Red, Cubitainer®	4 L
4120R56	1551-16	Color-Coded pH Buffer, Yellow, Poly bottle	500 mL
4120R58	1551-32	Color-Coded pH Buffer, Yellow, Poly bottle	1 L
4120R59	1551-1CT	Color-Coded pH Buffer, Yellow, Cubitainer®	4 L
4120R62	1601-16	Color-Coded pH Buffer, Blue, Poly bottle	500 mL
4120R64	1601-32	Color-Coded pH Buffer, Blue, Poly bottle	1 L
4120R65	1601-1CT	Color-Coded pH Buffer, Blue, Cubitainer®	4 L

SIGMA-ALDRICH®

AUTHORIZED DISTRIBUTOR

Sigma-Aldrich is a leading Life Science and High Technology company whose biochemical, organic chemical products, kits and services are used in scientific research, including genomic and proteomic research, biotechnology, pharmaceutical development, the diagnosis of disease and as key components in pharmaceutical, diagnostics and high technology manufacturing.

Standards, Acids, Antibiotics

Thomas No.	Mfg. No.	Description	Pkg. Size
C909C82	N3503-5MU	SIGMA Nystatin	5MU
C909C83	N3503-25MU	SIGMA Nystatin	25MU
C979Q16	T400-25G	ALDRICH DL-Tartaric acid, ReagentPlus®, 99%	25 g
C979Q17	T400-100G	ALDRICH DL-Tartaric acid, ReagentPlus®, 99%	100 g
C979Q18	T400-500G	ALDRICH DL-Tartaric acid, ReagentPlus®, 99%	500 g
C988C50	95280-1L	FLUKA Water, purified water (Aqua Purificata), Ph Eur	1 L
C989D63	46401-100MG-R	FLUKA Cycloheximide, PESTANAL®, analytical standard	100 mg
C989D64	46401-U	FLUKA Cycloheximide, PESTANAL®, analytical standard	1 mL
C998Y89	8371-32	Tartaric Acid, 10% w/v	1 L
C998Y90	8371-16	Tartaric Acid, 10% w/v	500 mL



With a presence in more than 125 countries HiMedia is amongst the top three brands in microbiology in the world. HiMedia, a company

established by professionals and technologists for manufacturing high quality culture media for microbiology has over the years created a rich portfolio of exemplar quality products.

HiMedia possesses world-class hi-tech knowhow for manufacturing a complete range of chromogenic and HiVeg™ media products. We have the broadest range of Vegetable Hydrolysate based microbiology culture media (HiVeg™), in the world.

Microbiological Media

Thomas No.	Mfg. No.	Description	Pkg. Size
C992B20	FD057-SVL	TTC Solution 1%	5 x 10 mL vials
C992B21	FD057-SXSVL	TTC Solution 1%	25 x 10 mL vials

Agar Media

Thomas No.	Mfg. No.	Description	Pkg. Size
C979X84	M058-500G	Actidione Agar Base w/out Actidione®	500 g
C977C72	M400-500G	Actidione Agar Base w/ Actidione	500 g
C977K00	M642-500G	Lysine Medium Base	500 g
C983U00	FD123-SVL	50% Potassium Lactate	5 x 10 mL vials
C978Z32	M253-500G	Malt Agar	500 g
C978U84	M1605-500G	Modified NBB Agar (Pedi-Lacto Selective Beer Agar)	500 g
C978T01	M1483-500G	Universal Beer Agar, Modified	500 g
C977D08	M415-500G	Universal Beer Agar (UB Agar)	500 g
C978E06	M115-500G	WL Nutrient Medium	500 g
C978B28	M1060-500G	WL Differential Agar	500 g

Liquid Media

Thomas No.	Mfg. No.	Description	Pkg. Size
C975C81	M978-500G	Anaerobic Fermentation Media Base	500 g
C975A20	M885-500G	Andrade Peptone Water	500 g
C975A74	M909-500G	Andrade Peptone Water w/ Meat Extract	500 g
C977C75	M401-500G	Blue Agar	500 g
C977K54	M676-500G	Bromo Cresol Purple Broth Base (Yeast Fermentation Broth Base)	500 g
C979W92	M028-500G	Peptone Water	500 g
C978M29	M1332-500G	Universal Liquid Medium, Modified	500 g
C978B28	M1060-500G	WL Differential Agar	500 g
C977C96	M410-500G	WL Differential Broth	500 g
C979X65	M050-500G	WL Nutrient Broth	500 g
C977B16	M333-500G	Wort Broth	500 g

Coliforms

Thomas No.	Mfg. No.	Description	Pkg. Size
C979W86	M026-500G	Fluid Lactose Medium	500 g
C992B88	M081-500G	MacConkey Agar with 0.15% Bile Salts, CV and NaCl	500 g
C992B94	M083-500G	MacConkey Broth Purple w/ BCP	500 g
C978L88	M1316-500G	Super Broth	500 g
C977C96	M410-500G	WL Differential Broth	500 g
C979X65	M050-500G	WL Nutrient Broth	500 g
C977B16	M333-500G	Wort Broth	500 g

Lactobacilli/Yeasts

Thomas No.	Mfg. No.	Description	Pkg. Size
C978Q39	M1384-500G	Lactic Acid Bacteria Selective Broth Base (Raka Ray No. 3 Broth Base)	500 g
C983T23	FD055-SVL	Lactic Supplement	5 x 10 mL vials
C978C18	M1087-500G	Lactic Bacteria Differential Agar	500 g
C978C15	M1086-500G	Lactic Bacteria Differential Broth	500 g
C978M32	M1333-500G	Lee's Multidifferential Agar	500 g
C992D37	M609-500G	Litmus Milk	500 g
C977K00	M642-500G	Lysine Medium Base	500 g
C983U00	FD123-SVL	50% Potassium Lactate	5 x 10 mL vials
C978T45	M1504-500G	M-BCG Yeast and Mold Agar	500 g
C978D45	M1130-500G	M-BCG Yeast and Mold Broth	500 g
C977J97	M641-500G	MRS Agar (Lactobacillus MRS Agar)	500 g
C977J91	M639-500G	Oxytetra Glucose Yeast Agar Base	500 g
C983R94	FD032-SVL	Oxytetra Selective Supplement	5 x 10 mL vials
C983R95	FD032-SXSVL	Oxytetra Selective Supplement	25 x 10 mL vials
C978L67	M130-500G	Rogosa SL Agar	500 g
C977J94	M640-500G	Rose Bengal Chloramphenicol Agar	500 g
C978M26	M1331-500G	SCHWARZ Differential Medium	500 g
C976Y80	M829-500G	Tomato Juice Medium Base	500 g
C983T70	FD098-SVL	Lactobacilli Supplement	5 x 10 mL vials
C983T71	FD098-SXSVL	Lactobacilli Supplement	25 x 10 mL vials
C977D08	M415-500G	Universal Beer Agar (UB Agar)	500 g
C978T01	M1483-500G	Universal Beer Agar, Modified	500 g
C978M29	M1332-500G	Universal Liquid Medium, Modified	500 g
C978B28	M1060-500G	WL Differential Agar	500 g
C977C96	M410-500G	WL Differential Broth	500 g
C979X65	M050-500G	WL Nutrient Broth	500 g
C978E06	M115-500G	WL Nutrient Medium	500 g
C977D17	M424-500G	Yeast Malt Agar (YM Agar) (ISP Medium No. 2)	500 g

BrandTech®

Dispensette® S Analog-Adjustable Bottletop Dispensers

- Floating piston design forces a new safety discharge system, and an improved sealing system, eliminates sealing washers for even better reliability
- For hydrofluoric acid, choose the Dispensette® S Trace Analysis platinum-iridium. For concentrated acids, TFA, peroxides, THF and other difficult solvents, choose the Dispensette® S Organic
- Analog adjustable models feature a sliding pointer with scalloped inner track, well suited for rapid volume changes from one end of the range to the other
- Digital adjustable models are excellent for highly reproducible volume settings



Thomas No.	Mfg. No.	Description	Qty Uom
1183C68	4600100	Dispensette S, Analog-adjustable w/ Standard Valve, 0.1-1mL	1/EA
1183C69	4600120	Dispensette S, Analog-adjustable w/ Standard Valve, 0.2-2mL	1/EA
1183C70	4600130	Dispensette S, Analog-adjustable w/ Standard Valve, 0.5-5mL	1/EA
1183C71	4600140	Dispensette S, Analog-adjustable w/ Standard Valve, 1-10mL	1/EA
1183C72	4600150	Dispensette S, Analog-adjustable w/ Standard Valve, 2.5-25mL	1/EA
1183C73	4600160	Dispensette S, Analog-adjustable w/ Standard Valve, 5-50mL	1/EA
1183C74	4600170	Dispensette S, Analog-adjustable w/ Standard Valve, 10-100mL	1/EA
1183C61	4600101	Dispensette S, Analog-adjustable w/ Recirculation Valve, 0.1-1mL	1/EA
1183C62	4600121	Dispensette S, Analog-adjustable w/ Recirculation Valve, 0.2-2mL	1/EA
1183C63	4600131	Dispensette S, Analog-adjustable w/ Recirculation Valve, 0.5-5mL	1/EA
1183C64	4600141	Dispensette S, Analog-adjustable w/ Recirculation Valve, 1-10mL	1/EA
1183C65	4600151	Dispensette S, Analog-adjustable w/ Recirculation Valve, 2.5-25mL	1/EA
1183C66	4600161	Dispensette S, Analog-adjustable w/ Recirculation Valve, 5-50mL	1/EA
1183C67	4600171	Dispensette S, Analog-adjustable w/ Recirculation Valve, 10-100mL	1/EA



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