



# LAB BASICS

Everyday Lab Essentials at Great Prices

## Back To School

**Thomas**  
Scientific

**We Believe You Are Important**  
— How Can We Help?

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## Globe Scientific Borosilicate Glass Culture Tubes

- Tubes can be used for tissue culture and blood banks
- Tubes are chemically inert
- Produced in an ISO 9001:2008 certified factory
- Made from superior quality borosilicate glass to reduce pH changes
- Tubes feature well-rounded bottoms and smooth fire-polished rims
- Packaged in heavy duty boxes of 250 and are shrink wrapped to keep them particle free



| Thomas No. | Description                                       | Case  |
|------------|---|-------|
| 1218M69    | Culture Tube, 10 x 75mm, 3mL                      | 1,000 |
| 1218M70    | Culture Tube, 12 x 75mm, 5mL                      | 1,000 |
| 1218M71    | Culture Tube, 13 x 100mm, 7mL                     | 1,000 |
| 1218M72    | Culture Tube, 16 x 100mm, 10mL                    | 1,000 |
| 1218M73    | Culture Tube, 16 x 125mm, 12mL                    | 1,000 |
| 1218M74    | Culture Tube, 16 x 150mm, 15mL                    | 1,000 |
| 1218M73    | Metal Dispenser for 10 x 75mm and 12 x 75mm tubes | 1     |
| 1218M74    | Metal Dispenser for 13 x 75mm glass culture tubes | 1     |

## Globe Scientific Colored and Frosted Microscope Slides

- Pre-cleaned and ready-to-use
- Offered in six bright, attractive colors
- Color frosted: 1 end, 1 side
- 25 x 75 x 1 mm
- Ground with safety corners



| Thomas No. | Description                      | Case  |
|------------|----------------------------------|-------|
| 1228T57    | Microscope Slide, White Frosted  | 1,440 |
| 1228T58    | Microscope Slide, Blue Frosted   | 1,440 |
| 1228T59    | Microscope Slide, Green Frosted  | 1,440 |
| 1228T60    | Microscope Slide, Orange Frosted | 1,440 |
| 1228T61    | Microscope Slide, Pink Frosted   | 1,440 |
| 1228T62    | Microscope Slide, Yellow Frosted | 1,440 |

## Kimble Graduated GL 45 Media Storage Bottles with Caps

- Enhanced graduations
  - Wide mouth with pour ring
  - Completely autoclavable
  - Polypropylene caps included
  - Extra-wide opening for ease of filling, dispensing, pipetting
  - Pack consists of two 100mL, three 250mL, three 500mL, and two 1000mL bottles
- Blue polypropylene screw cap is autoclavable, universally interchangeable with all bottles in series. Bottles include clear pour ring for easy, drip-free dispensing and linerless, autoclavable blue polypropylene cap.



An assortment of popularly sized media bottles from our 14395 series, which is ideal for general laboratory use including mixing, storing, or transporting culture media, chemicals, or solvents.

| Thomas No. | Description  | Pack |
|------------|--|------|
| 1743G50    | GL 45 Media Bottle, Blue Polypropylene Cap, 100mL    | 10   |
| 1743G52    | GL 45 Media Bottle, Blue Polypropylene Cap, 250mL    | 10   |
| 1743G54    | GL 45 Media Bottle, Blue Polypropylene Cap, 500mL    | 10   |
| 1743G56    | GL 45 Media Bottle, Blue Polypropylene Cap, 1,000mL  | 10   |
| 1743G58    | GL 45 Media Bottle, Blue Polypropylene Cap, 2,000mL  | 4    |
| 1743G57    | GL 45 Media Bottle, Blue Polypropylene Cap, 5,000mL  | 1    |
| 1743G59    | GL 45 Media Bottle, Blue Polypropylene Cap, 10,000mL | 1    |

## 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   | Case   |
|------------|---|--------|
| 2904F24    | Kimwipes Delicate Task Wipers, White, 4.4" x 8.4"   | 16,800 |
| 2904F39    | Kimwipes Delicate Task Wipers, White, 11.8" x 11.8" | 2,940  |
| 1234Z62    | Kimwipes Delicate Task Wipers, White, 14.7" x 16.6" | 2,100  |

## Thomas® Transfer Pipets

- Non-toxic and chemically inert to biological fluids and most acids
- 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
- Can be heat sealed to use for liquid storage or transport
- Unbreakable one-piece pipets produced from a custom grade of low-density polyethylene (LDPE)
- Non-sterile and packaged in a unique small and compact dispenser box

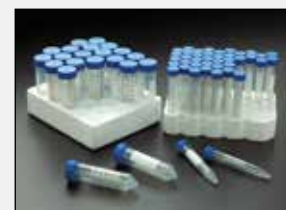


| Thomas No. | Description                                | Case  |
|------------|--|-------|
| 1227W91    | 4.5mL, Narrow Stem                         | 5,000 |
| 1227W92    | 1.5mL, Mini, 0.1mL Graduations to 0.3mL    | 5,000 |
| 1227W93    | 5mL, Large Bulb, 0.25mL Graduations to 1mL | 5,000 |
| 1227W94    | 3mL, Small Bulb, 0.25mL Graduations to 1mL | 5,000 |
| 1227W95    | 5mL, 0.5mL Graduations up to 2mL           | 5,000 |
| 1227W96    | 8mL, General Purpose, Large Bulb           | 4,000 |
| 1227W97    | 7mL, General Purpose, 500/Dispenser Box    | 5,000 |
| 1227W98    | 6mL, Extra Long (9"), 500/Dispenser Box    | 5,000 |
| 1227W99    | 23mL, Extra Long (12")                     | 1,000 |

## Thomas® Centrifuge Tubes

- Thomas® centrifuge tubes are made of high clarity polypropylene and manufactured in a class 100,000 clean room
- Graduations are printed in bold easy-to-read black and are accurate to ± 2%
- A large white marking area provides excellent contrast for identification
- Smooth, flat surface polyethylene cap provides an integral seal
- Maximum RCF is 12,000 (g) for both 15mL and 50mL tubes
- Temperature range is -80°C to 120°C
- Plastic transfer pipets are the perfect substitute for breakable glass Pasteur pipets, which can be a danger to laboratory personnel

Thomas® 15mL and 50mL tubes are available in convenient 300 per case size in foam racks or bulk packaged in sterile re-sealable (zip closure) bags.



| Thomas No. | Description                                  | Case |
|------------|--|------|
| 1220R19    | 15mL Centrifuge Tube, Foam Rack, PP, Sterile | 300  |
| 1220R20    | 15mL Centrifuge Tube, Bag, PP, Sterile       | 300  |
| 1220R21    | 50mL Centrifuge Tube, Foam Rack, PP, Sterile | 300  |
| 1220R22    | 50mL Centrifuge Tube, Bag, PP, Sterile       | 300  |



## Thomas® Serological Pipets

- All pipets include printed indicator arrows for quickly locating negative graduations when using a pipet controller
- Longer 25mL pipet includes negative graduation marks up to -10mL
- 25 and 50mL pipets feature an anti-drip tip for accurate delivery
- Lot numbers and expiration dates conveniently printed on pipet wrappers



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

| Thomas No. | Description   | Case  |
|------------|---|-------|
| 1220Z78    | 1mL, 1/100 divisions, Individually Wrapped, Yellow Band         | 800   |
| 1220Z79    | 2mL, 1/100 divisions, Individually Wrapped, White Band, 100/Bag | 600   |
| 1220Z80    | 5mL, 1/10 divisions, Individually Wrapped, Blue Band            | 200   |
| 1220Z81    | 10mL, 1/10 divisions, Individually Wrapped, Orange Band         | 200   |
| 1220Z82    | 25mL, 2/10 divisions, Individually Wrapped, Green Band          | 90    |
| 1220Z83    | 50mL, 5/10 divisions, Individually Wrapped, Purple Band         | 1,000 |
| 1220Z84    | 1mL, 1/100 divisions, Bulk Packed, Yellow Band                  | 800   |
| 1220Z85    | 2mL, 1/100 divisions, Bulk Packed, White Band, 25/Bag           | 500   |
| 1220Z86    | 5mL, 1/10 divisions, Bulk Packed, Blue Band, 25/Bag             | 500   |
| 1220Z87    | 10mL, 1/10 divisions, Bulk Packed, Orange Band, 25/Bag          | 500   |
| 1220Z88    | 25mL, 2/10 divisions, Bulk Packed, Green Band, 25/Bag           | 200   |
| 1220Z89    | 50mL, 5/10 divisions, Bulk Packed, Purple Band, 25/Bag          | 200   |

## GE Healthcare Hardened Ashless Grade 540 Quantitative Filter Papers

**Supreme quantitative filter papers offering medium retention and flow rate**

- Hardened ashless: 0.006% ash maximum
- These filters are acid-hardened to give high wet strength and chemical resistance with extremely low ash content. The tough surface makes these filters suitable for a wide range of critical filtration procedures.



| Thomas No. | Description     | Pack |
|------------|-----------------|------|
| 0898R41    | 24 mm circles   | 100  |
| 0898R40    | 42.5 mm circles | 100  |
| 0898R39    | 55 mm circles   | 100  |
| 0898R37    | 90 mm circles   | 100  |
| 0898R36    | 110 mm circles  | 100  |
| 0898R35    | 125 mm circles  | 100  |
| 0898R34    | 150 mm circles  | 100  |
| 0898R33    | 85 mm circles   | 100  |
| 0898R32    | 240 mm circles  | 100  |

## Thomas® Sterile Petri Dishes

**Disposable Sterile Petri Dishes are available in stackable and slippable forms**

- Optically clear
- Vented lids for air circulation
- Radiation sterilized
- Petri Dishes are available in the following sizes: 60 x 15mm, 100 x 15mm, and 150 x 15mm

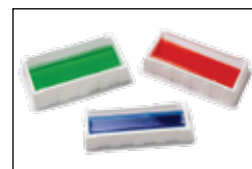


| Thomas No. | Description  | Case |
|------------|--|------|
| 1188N80    | Petri Dish, 100 x 15mm, Slippable, Sterile, 500          | 500  |
| 1188N81    | Petri Dish, 100 x 15mm, Stackable, Sterile, Bulk, 25/500 | 500  |
| 1188N82    | Petri Dish, 60 x 15mm, Stackable, Sterile, 25/500        | 500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

## Argos Technologies Reagent Reservoirs

**Pipetting Reservoir Basins featuring Snap & Tear™ easy opening bags**

- Designed with angled sides and a narrow V-shaped bottom to ensure that every last drop of costly reagents can be aspirated
- White polystyrene basins are offered in 25, 50 and 100mL volumes
- Low cross bars on each end of the basin creates much more rigidity and durability than competitive offerings
- Pour spouts in every corner, and one larger spout on each reservoir to facilitate spill-free pouring



| Thomas No. | Description  | Case |
|------------|--|------|
| 1185A00    | 25mL, Sterile, Individually Wrapped, DNA-RNase & Pyrogen Free  | 50   |
| 1185A01    | 25mL, 5/pk, Sterile, DNA-RNase & Pyrogen Free                  | 100  |
| 1185A02    | 25mL, Bulk Pack, Non Sterile                                   | 100  |
| 1185A03    | 50mL, Sterile, Individually Wrapped, DNA-RNase & Pyrogen Free  | 50   |
| 1185A04    | 50mL, 5/pk, Sterile, DNA-RNase & Pyrogen Free                  | 100  |
| 1185A05    | 50mL, Bulk Pack, Non Sterile                                   | 100  |
| 1185A06    | 100mL, Sterile, Individually Wrapped, DNA-RNase & Pyrogen Free | 50   |
| 1185A07    | 100mL, 5/pk, Sterile, DNA-RNase & Pyrogen Free                 | 100  |
| 1185A08    | 100mL, Bulk Pack, Non Sterile                                  | 100  |

## Thomas® TraceableLIVE™ WiFi Datalogging Thermometers

- Monitor remotely temperature and more—connect to existing WiFi
- Alerts: temperature alarm, connectivity interruption, low battery
- Cloud-based data interface—no local software required; web, Android, Apple iOS data visibility
- Continuous data transmission and monitoring using SSL encrypted SECURE connection
- Receive MOBILE PUSH / E-MAIL / TEXT notifications
- Unlimited scalability—use TraceableLIVE™ in individual labs or an entire network of facilities
- Multiple point temperature calibration—traceable to NIST

**Supplied with:** 2 probes, Quick Start Guide, batteries, magnets, Velcro, wall mount, and Traceable® Certificate.



| Thomas No. | Description  | Each |
|------------|--|------|
| 1184P42    | TraceableLIVE WiFi Datalogging Refrigerator/Freezer Thermometer with 2 Bottle Probes | 1    |

## Microflex Supreno® SE Nitrile Gloves

**Designed for exceptional comfort, strength and durability**

- No latex sensitivity concerns
- Textured fingertips



Supreno SE blue gloves are designed to provide the chemical compatibility of nitrile without fatigue during prolonged use. Textured fingers allow for improved grip in both wet and dry applications. Supreno SE gloves meet or exceed ASTM specifications for thickness, tensile strength and elasticity. 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         | Box | Case |
|------------|---------------------|-----|------|
| 5761Q31    | Supreno SE, X-Small | 100 | 1000 |
| 5761Q35    | Supreno SE, Small   | 100 | 1000 |
| 5761Q39    | Supreno SE, Medium  | 100 | 1000 |
| 5761Q43    | Supreno SE, Large   | 100 | 1000 |
| 5761Q47    | Supreno SE, X-Large | 100 | 1000 |

## GVS Life Sciences

### 13mm and 25mm ABLUO™ Syringe Filters

- Quick and efficient filtration of samples and all kind of solutions, solvents or gases
- Housing injected in Polypropylene or Acrylic
- Multifunctional Syringe Filters: equipped with luer-lock or luer-slip male connections for different applications
- Accurate labeling: each filter is labeled with the specific filter material and pore size for easy identification even if the syringe filter is not in its original packaging



| Thomas No. | Description | Case |
|------------|-------------|------|
|------------|-------------|------|

#### 13mm ABLUO™ Syringe Filters

|         |   |     |
|---------|---|-----|
| 1176C72 | Acrylic Housing, 0.2um, Cellulose Acetate           | 500 |
| 1176C73 | Acrylic Housing, 0.45um, Cellulose Acetate          | 500 |
| 1176C77 | Acrylic Housing, 0.2um, Cellulose Acetate, Sterile  | 50  |
| 1176C78 | Acrylic Housing, 0.45um, Cellulose Acetate, Sterile | 50  |
| 1176C82 | Acrylic Housing, 0.2um, NC                          | 500 |
| 1176C83 | Acrylic Housing, 0.45um, NC                         | 500 |
| 1176C84 | PP Housing, 0.2um, PES                              | 500 |
| 1176C85 | PP Housing, 0.45um, PES                             | 500 |
| 1176C86 | Acrylic Housing, 0.22um, PES, Sterile               | 50  |
| 1176C87 | Acrylic Housing, 0.45um, PES, Sterile               | 50  |
| 1176C88 | PP Housing, 0.2um, Nylon                            | 500 |
| 1176C89 | PP Housing, 0.45um, Nylon                           | 500 |
| 1176C91 | PP Housing, 0.20um, PTFE                            | 500 |
| 1176C92 | PP Housing, 0.45um, PTFE                            | 500 |
| 1176C93 | PP Housing, 0.20um, Regenerated Cellulose           | 500 |
| 1176C94 | PP Housing, 0.45um, Regenerated Cellulose           | 500 |
| 1176C95 | PP Housing, 0.20um, PVDF                            | 500 |
| 1176C96 | PP Housing, 0.45um, PVDF                            | 500 |
| 1176C97 | Acrylic Housing, 0.20um, PVDF, Sterile              | 50  |
| 1176C98 | Acrylic Housing, 0.45um, PVDF, Sterile              | 50  |

#### 25mm ABLUO™ Syringe Filters

|         |   |     |
|---------|---|-----|
| 1176C99 | Acrylic Housing, 0.2um, Cellulose Acetate           | 500 |
| 1176D00 | Acrylic Housing, 0.45um, Cellulose Acetate          | 500 |
| 1176D04 | Acrylic Housing, 0.2um, Cellulose Acetate, Sterile  | 50  |
| 1176D05 | Acrylic Housing, 0.45um, Cellulose Acetate, Sterile | 50  |
| 1176D09 | Acrylic Housing, 0.22um, Cellulose Acetate, Sterile | 50  |
| 1176D10 | Acrylic Housing, 0.45um, Cellulose Acetate, Sterile | 50  |
| 1176D12 | PP Housing, 0.20um, PES                             | 500 |
| 1176D13 | PP Housing, 0.45um, PES                             | 500 |
| 1176D14 | Acrylic Housing, 0.22um, PES, Sterile               | 50  |
| 1176D15 | Acrylic Housing, 0.45um, PES, Sterile               | 50  |
| 1176D22 | PP Housing, 0.2um, PE                               | 500 |
| 1176D23 | PP Housing, 0.2um, Nylon                            | 500 |
| 1176D24 | PP Housing, 0.45um, Nylon                           | 500 |
| 1176D26 | Acrylic Housing, 0.22um, Nylon, Sterile             | 50  |
| 1176D27 | Acrylic Housing, 0.45um, Nylon, Sterile             | 50  |
| 1176D30 | PP Housing, 0.2um, PTFE                             | 500 |
| 1176D31 | PP Housing, 0.45um, PTFE                            | 500 |
| 1176D32 | PP Housing, 0.20um, PTFE Hydrophilic                | 500 |
| 1176D33 | PP Housing, 0.22um, PVDF                            | 500 |
| 1176D34 | PP Housing, 0.45um, PVDF                            | 500 |
| 1176D35 | Acrylic Housing, 0.20um, PVDF, Sterile              | 50  |
| 1176D36 | Acrylic Housing, 0.45um, PVDF, Sterile              | 50  |
| 1176D37 | Acrylic Housing, 0.20um, NC                         | 500 |
| 1176D38 | Acrylic Housing, 0.45um, NC                         | 500 |
| 1176D39 | Acrylic Housing, 0.22um, MCE, Sterile               | 50  |
| 1176D40 | Acrylic Housing, 0.45um, MCE, Sterile               | 50  |

## Kimberly Clark Spring Green Nitrile Powder-Free Exam Gloves

- 4.7 mil, ambidextrous gloves with textured fingertips for enhanced grip
- Excellent wet and dry grip to reduce potential for slips
- Beaded cuffs for added strength and donning ease
- Free of natural rubber latex – reducing the potential for glove-associated allergic reactions
- Superior quality – 0.65 AQL exceeds the ASTM 2.5 standard for critical defects (pinholes)



| Thomas No. | Description | Case |
|------------|-------------|------|
|------------|-------------|------|

|         |   |       |
|---------|---|-------|
| 1190Y71 | Kimberly-Clark Spring Green Nitrile Exam Gloves, XS | 2,000 |
| 1190Y72 | Kimberly-Clark Spring Green Nitrile Exam Gloves, S  | 2,000 |
| 1190Y73 | Kimberly-Clark Spring Green Nitrile Exam Gloves, M  | 2,000 |
| 1190Y74 | Kimberly-Clark Spring Green Nitrile Exam Gloves, L  | 2,000 |
| 1190Y75 | Kimberly-Clark Spring Green Nitrile Exam Gloves, XL | 1,800 |

## Scientific Plastics Carboy Containment Trays

Now there is a solution for dispensing safely from a lab carboy without damaging your cabinet or floor. Use the small carboy for dispensing from carboys up to 5L and the large carboy contain for carboys up to 20L. Both are designed to sit on a standard counter top.



| Thomas No. | Description | Each |
|------------|-------------|------|
|------------|-------------|------|

|         |                                |   |
|---------|--------------------------------|---|
| 1189Y36 | Carboy Containment Tray, Small | 1 |
| 1189Y37 | Carboy Containment Tray, Large | 1 |

## Thermo Scientific Nalgene Nalgene Wide Mouth Economy HDPE Bottles

- Polypropylene screw closure
- High-Density Polyethylene
- Thinner-walled and more flexible than the Nalgene Lab Quality bottle
- Guaranteed leakproof
- Wide mouth is easy to fill with dry materials or liquids



| Thomas No. | Description | Case |
|------------|-------------|------|
|------------|-------------|------|

|         |                               |    |
|---------|-------------------------------|----|
| 1223H36 | Bottle Wide Mouth HDPE 30mL   | 72 |
| 1223H37 | Bottle Wide Mouth HDPE 60mL   | 72 |
| 1223H38 | Bottle Wide Mouth HDPE 125mL  | 72 |
| 1223H39 | Bottle Wide Mouth HDPE 250mL  | 72 |
| 1223H40 | Bottle Wide Mouth HDPE 500mL  | 48 |
| 1223H41 | Bottle Wide Mouth HDPE 1000mL | 24 |

## Boekel Tube Rotator

- Includes Carousel (Thomas No. 1223R14)
- Digital Microprocessor Control
- Adjustable speed provides gentle or vigorous mixing action
- Adjustable angled head offers mixing angles from 90°-180°
- Five carousel options provide greater versatility for most tube mixing needs



| Thomas No. | Description | Each |
|------------|-------------|------|
|------------|-------------|------|

|         |   |   |
|---------|---|---|
| 1223R11 | Tube Rotator w/Carousel for 14 x 50mL tubes | 1 |
| 1223R12 | Carousel, 46 x 1.5/2.0mL tubes              | 1 |
| 1223R13 | Carousel, 28 x 15mL tubes                   | 1 |
| 1223R14 | Carousel, 14 x 50mL tubes                   | 1 |
| 1223R15 | Carousel, 63 x 18.5mm culture tubes         | 1 |
| 1223R16 | Carousel, 63 x 14mm culture tubes           | 1 |

## Biotix xTIP® Pipette Tips

xTIP® Pipette Tips are designed for **Rainin®** Pipets with Biotix® technology in order to improve seal, accuracy, lower sample retention, and lower ejection forces. FlexFit®, X-Resin®, and Blade® technologies enhance every aspect of these tips.



- FlexFit® technology features a flexible proximal end to ensure a secure seal with much less force than competitor tips. The FlexFit® seal is able to be secured with just the weight of a pipette while competitors struggle to make a seal.
- X-Resin® gives low retention properties to the entire Biotix® line. X-Resin® is proven to drastically reduce sample retention keeping sample in the results and improving accuracy. With better sample retention your lab can save money by limiting reagent costs.
- Blade® technology lowers the chance of hanging droplet formation by reducing surface tension at the distal end of the tip. Blade® eliminates the need for tip touch off saving you time with each draw.

All tips are certified free of RNase, DNase, Pyrogens, and PCR Inhibitors. Pre-Sterile products undergo E-Beam radiation. Manufactured under stringent controls in an ISO 9001 certified facility. Each lot is tested for accuracy and precision, ensuring superior quality and compatibility. All raw materials are controlled and inspected for quality.

All racks include a label with a unique bar-coded serial number, part number, and description for traceability to the individual rack.

### Pre-Sterile Low Retention Tips (Filtered)

| Thomas No. | Description                           | Pack/Case |
|------------|---------------------------------------|-----------|
| 1177V34    | 20µL xTIP, LTS® Compatible, X-Resin   | 960/4,800 |
| 1177V35    | 200µL xTIP, LTS® Compatible, X-Resin  | 960/4,800 |
| 1177V36    | 1000µL xTIP, LTS® Compatible, X-Resin | 960/3,840 |

### Low Retention Tips (Non-Filtered)

| Thomas No. | Description  | Pack/Case |
|------------|--|-----------|
| 1177V37    | 20µL xTIP, LTS® Compatible, X-Resin, Pre-Sterile   | 960/4,800 |
| 1177V38    | 250µL xTIP, LTS® Compatible, X-Resin, Pre-Sterile  | 960/4,800 |
| 1177V39    | 1000µL xTIP, LTS® Compatible, X-Resin, Pre-Sterile | 960/3,840 |
| 1177V40    | 20µL xTIP, LTS® Compatible, X-Resin, Non-Sterile   | 960/4,800 |
| 1177V41    | 250µL xTIP, LTS® Compatible, X-Resin, Non-Sterile  | 960/4,800 |
| 1177V42    | 1000µL xTIP, LTS® Compatible, X-Resin, Non-Sterile | 960/3,840 |

### Tip Eject Reload System Pipette Tips

| Thomas No. | Description  | Pack/Case |
|------------|--|-----------|
| 1177V43    | 20µL xTIP, LTS® Compatible, Low Retention, Pre-Sterile   | 960/4,800 |
| 1177V44    | 250µL xTIP, LTS® Compatible, Low Retention, Pre-Sterile  | 960/4,800 |
| 1177V45    | 1000µL xTIP, LTS® Compatible, Low Retention, Pre-Sterile | 960/3,840 |

### xTIP® CleanPak® Reload System

| Thomas No. | Description   | Pack/Case |
|------------|---|-----------|
| 1177V51    | 20µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile   | 960/4,800 |
| 1177V52    | 250µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile  | 960/4,800 |
| 1177V53    | 1000µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile | 960/3,840 |
| 1177V48    | 20µL, Low-Retention, X-Resin, Non-Filtered                | 960/4,800 |
| 1177V49    | 250µL, Low-Retention, X-Resin, Non-Filtered               | 960/4,800 |
| 1177V48    | 1000µL, Low-Retention, X-Resin, Non-Filtered              | 960/3,840 |

### xTIP® Empty Racks

| Thomas No. | Description | Pack/Case |
|------------|-------------|-----------|
| 1177V46    | 20-250µL    | 10/50     |
| 1177V47    | 1000µL      | 10/40     |

## Biotix uTIP™ Pipette Tips

The Biotix® uTIP™ line fits all standard pipettes and helps to improve their ergonomics by lowering ejection forces and the force necessary to secure a tip. This is achieved through our patented technologies including FlexFit® and Blade®.



All Biotix® tips contain X-Resin® giving them uniform low retention properties. This results in minimal sample retention in the tip improving the accuracy and precision of your results.

- FlexFit® technology features a flexible proximal end to ensure a secure seal with much less force than competitor tips.
- X-Resin® gives low retention properties to the entire Biotix® line. X-Resin® is proven to drastically reduce sample retention keeping sample in the results and improving accuracy.
- Blade® technology lowers the chance of hanging droplet formation by reducing surface tension at the distal end of the tip. Blade® eliminates the need for tip touch off saving you time with each draw.

All Biotix® tips are certified free of RNase, DNase, Pyrogens, and PCR Inhibitors. Manufactured under stringent controls in an ISO 9001 certified facility. Each lot is tested for accuracy and precision, ensuring superior quality and compatibility. All raw materials are controlled and inspected for quality.

All racks include a label with a unique bar-coded serial number, part number, and description for traceability to the individual rack.

### Pre-Sterile Low Retention Tips (Filtered)

| Thomas No. | Description                          | Pack/Case |
|------------|--------------------------------------|-----------|
| 1177V54    | 10µL uTIP, Universal Fit, X-Resin    | 960/4,800 |
| 1177V55    | 10µL XL uTIP, Universal Fit, X-Resin | 960/4,800 |
| 1177V56    | 20µL uTIP, Universal Fit, X-Resin    | 960/4,800 |
| 1177V57    | 100µL uTIP, Universal Fit, X-Resin   | 960/4,800 |
| 1177V58    | 300µL uTIP, Universal Fit, X-Resin   | 960/4,800 |
| 1177V59    | 1250µL uTIP, Universal Fit, X-Resin  | 960/3,840 |

### Low Retention Tips (Non-Filtered)

| Thomas No. | Description                                       | Pack/Case |
|------------|---|-----------|
| 1177V60    | 10µL uTIP, Universal Fit, X-Resin, Pre-Sterile    | 960/4,800 |
| 1177V61    | 10µL XL uTIP, Universal Fit, X-Resin, Pre-Sterile | 960/4,800 |
| 1177V62    | 200µL uTIP, Universal Fit, X-Resin, Pre-Sterile   | 960/4,800 |
| 1177V63    | 300µL uTIP, Universal Fit, X-Resin, Pre-Sterile   | 960/4,800 |
| 1177V64    | 1250µL uTIP, Universal Fit, X-Resin, Pre-Sterile  | 960/3,840 |
| 1177V65    | 10µL uTIP, Universal Fit, X-Resin, Non-Sterile    | 960/4,800 |
| 1177V66    | 10µL XL uTIP, Universal Fit, X-Resin, Non-Sterile | 960/4,800 |
| 1177V67    | 200µL uTIP, Universal Fit, X-Resin, Pre-Sterile   | 960/4,800 |
| 1177V68    | 300µL uTIP, Universal Fit, X-Resin, Non-Sterile   | 960/4,800 |
| 1177V69    | 1250µL uTIP, Universal Fit, X-Resin, Non-Sterile  | 960/3,840 |

### uTIP™ CleanPak® Reload System

| Thomas No. | Description  | Pack/Case |
|------------|--|-----------|
| 1177V70    | 10µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile    | 960/4,800 |
| 1177V71    | 10µL XL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile | 960/4,800 |
| 1177V72    | 200µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile   | 960/4,800 |
| 1177V73    | 300µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile   | 960/4,800 |
| 1177V74    | 1250µL, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile  | 960/3,840 |
| 1177V75    | 10µL, Low-Retention, X-Resin, Non-Filtered, Non-Sterile    | 960/4,800 |
| 1177V76    | 10µL XL, Low-Retention, X-Resin, Non-Filtered, Non-Sterile | 960/4,800 |
| 1177V77    | 200µL, Low-Retention, X-Resin, Non-Filtered, Non-Sterile   | 960/4,800 |
| 1177V78    | 300µL, Low-Retention, X-Resin, Non-Filtered, Non-Sterile   | 960/4,800 |
| 1177V79    | 1250µL, X-Resin, Non-Filtered, Non-Sterile                 | 960/3,840 |

### uTIP™ Empty Racks

| Thomas No. | Description                        | Pack/Case |
|------------|------------------------------------|-----------|
| 1177V84    | Empty Rack for 10µL and 10XL uTIPs | 10/50     |
| 1177V85    | Empty Rack for 100-300µL uTIPs     | 10/50     |
| 1177V86    | Empty Rack for 1250µL uTIPs        | 10/40     |



## 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-proof electronic controls.



| Thomas No. | Description  | Each |
|------------|--|------|
| 1227U58    | BenchMixer Vortexer, 115   | 1    |
| 1187Q17    | BenchMixer Vortexer, 230V (European Plug)                            | 1    |
| 1187Q18    | BenchMixer Vortexer, 230V (UK Plug)                                  | 1    |
| 1227U59    | Vortexer Flat Head   | 1    |
| 1227U60    | Vortexer Combo Head  | 1    |
| 1213F86    | Horizontal head attachment for BenchMixer Vortexer; 12 x 1.5mL tubes | 1    |
| 1213F87    | Horizontal head attachment for BenchMixer Vortexer; 4 x 15mL tubes   | 1    |
| 1213F88    | Horizontal head attachment for BenchMixer Vortexer; 2 x 50mL tubes   | 1    |

## Benchmark MyTemp™ Mini Incubator

With digital temperature control, the MyTemp incubators provide convenient "set & walk away" operation, eliminating the need for external thermometers and repetitive "fine tuning" of an analog control knob.

- Choose the desired temperature and the incubator immediately begins to heat up (or cool down, -HC model only)
- Accurately monitors the chamber temperature and conveniently displaying the temperature in real time on the large LED control panel
- With a footprint of 14.5 x 13", MyTemp incubators feature large internal chambers, capable of storing flasks and bottles up to 2 liter
- MyTemp incubators feature large internal chambers, capable of storing flasks and bottles up to 2 liter
- Includes two adjustable/removable shelves for increasing capacity



| Thomas No. | Description                              | Each |
|------------|--|------|
| 1207N78    | MyTemp™ Mini Incubator, heat only, 115V  | 1    |
| 1207N79    | MyTemp™ Mini Incubator heat & cool, 115V | 1    |
| 1207V95    | Extra shelf for MyTemp™ Mini Incubator   | 1    |

## Adam Equipment Nimbus Analytical and Precision Balances

- 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   | Each |
|------------|---|------|
| 1191R09    | Analytical Balance, 80g x 0.1mg, 3.5" pan, 115V                       | 1    |
| 1182P18    | Analytical Balance, 80g x 0.1mg, 3.5" pan, Internal Calibration, 115V | 1    |
| 1191R10    | Analytical Balance, 120g x 0.1mg, 3.5" pan, 115V                      | 1    |

## Polyscience Digital General Purpose Water Baths

### Features include:

- Calibration offset feature
- Large, backlit LCD display shows set and actual temperature
- Clear, hinged gable cover tilts out of the way, lets condensation drain back into the bath and keeps samples in view
- Maintenance schedules and/or certain applications may require emptying the bath reservoir, which is made easier with the built-in drain

### Safety

- High limit alarm
- Over-temperature/low liquid alarm
- Redundant safety thermostat



| Thomas No. | Description                                | Each |
|------------|--|------|
| 1198Q17    | Digital Water Bath, 2L, 120V/60Hz          | 1    |
| 1198Q18    | Digital Water Bath, 2L, 240V/50Hz          | 1    |
| 1184L06    | Digital Water Bath, 2L, Shallow, 120V/60Hz | 1    |
| 1184L07    | Digital Water Bath, 2L, Shallow, 240V/50Hz | 1    |
| 1198Q19    | Digital Water Bath, 5L, 120V/60Hz          | 1    |
| 1198Q20    | Digital Water Bath, 5L, 240V/50Hz          | 1    |
| 1198Q21    | Digital Water Bath, 10L, 120V/60Hz         | 1    |
| 1198Q22    | Digital Water Bath, 10L, 240V/50Hz         | 1    |
| 1198Q23    | Digital Water Bath, 20L, 120V/60Hz         | 1    |
| 1198Q24    | Digital Water Bath, 20L, 240V/50Hz         | 1    |
| 1198Q25    | Digital Water Bath, 28L, 120V/60Hz         | 1    |
| 1198Q26    | Digital Water Bath, 28L, 240V/50Hz         | 1    |

## Adam Equipment Dune™ Compact Balances

- 3 Weighing units (g, lb, oz)
- Full range tare
- Zero Tracking
- Large easy-to-read LCD display
- Overload protection
- Simple user-friendly operation
- Battery power (6 x AA Batteries)
- Auto sleep/power down function to save battery life
- AC Adapter
- Platform size: 5.7" x 5.7" (145 x 145 mm)



| Thomas No. | Description                              | Each |
|------------|--|------|
| 1224C78    | Dune™ Compact Balance, 200g x 0.1g, 110V | 1    |
| 1224C79    | Dune™ Compact Balance, 2000g x 1g, 110V  | 1    |
| 1224C80    | Dune™ Compact Balance, 5000g x 2g, 110V  | 1    |
| 1224D66    | Dune™ Compact Balance, 200g x 0.1g, 220V | 1    |
| 1224D67    | Dune™ Compact Balance, 2000g x 1g, 220V  | 1    |
| 1224D68    | Dune™ Compact Balance, 5000g x 2g, 220V  | 1    |

## Thomas® Hot Plate Stirrers

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



| Thomas No. | Description                                  | Each |
|------------|--|------|
| 1224Q73    | Hot Plate, Ceramic, 4 x 4, 120V, Adv         | 1    |
| 1224Q74    | Hot Plate Stirrer, Ceramic, 4 x 4, 120V, Adv | 1    |
| 1224Q75    | Hot Plate, Ceramic, 4 x 4, 230V, Adv         | 1    |
| 1224Q76    | Hot Plate Stirrer, Ceramic, 4 x 4, 230V, Adv | 1    |
| 1235A21    | Hot Plate Stirrer, Ceramic, 7 x 7, 120V      | 1    |
| 1235A25    | Hot Plate Stirrer, Ceramic, 7 x 7, 230V      | 1    |
| 1235A29    | Hot Plate Stirrer, Ceramic, 10 x 10, 120V    | 1    |
| 1235A33    | Hot Plate Stirrer, Ceramic, 10 x 10, 230V    | 1    |

## Scilogex MicroPette Plus Autoclavable Single-Channel Pipettor

- Lightweight, ergonomic, low force design
- Digital display clearly reads volume setting
- The pipettors cover volume range of 0.1 µl to 5000 µl
- Easy to calibrate and maintain with tool supplied
- Manufactured from modern innovative material



| Thomas No. | Description                                     | Each |
|------------|---|------|
| 1221U14    | SCIOGEX s/channel pipettor 0.1-2.5µl            | 1    |
| 1221U15    | SCIOGEX s/channel pipettor 0.5-10µl             | 1    |
| 1221U16    | SCIOGEX s/channel pipettor 2-20µl               | 1    |
| 1221U17    | SCIOGEX s/channel pipettor 5-50µl               | 1    |
| 1221U18    | SCIOGEX s/channel pipettor 10-100µl             | 1    |
| 1221U19    | SCIOGEX s/channel pipettor 20-200µl             | 1    |
| 1221U20    | SCIOGEX s/channel pipettor 100-1000µl           | 1    |
| 1221U21    | SCIOGEX s/channel pipettor 1-5mL                | 1    |
| 1186U12    | MicroPette Plus Single Channel Pipettor, 2-10mL | 1    |

## Thomas® High Volume Stirrers

- 2-year warranty
- Powerful motor and magnet mix up to 25 L
- Large top plate surface
- Microprocessor control
- PTFE-coated 2.75" stir bar included



Thomas High Volume Stirrers are designed to handle large volume applications. A powerful magnet and motor combine to provide an exceptional magnetic coupling force capable of stirring 25 L of liquid. Microprocessor control precisely regulates speed through the 60 to 1400 rpm range. Ramping feature slowly brings sample to set speed to avoid splashing, improve magnetic coupling and improve spin bar control. Large top plate accommodates oversized vessels. Strong cast aluminum base can handle heavy loads. Spill resistant housing channels fluids away from internal components. Stirrers feature a basic speed control knob with 10 dial markings. Units include a detachable 3-wire cord and plug. 230V model is supplied with a Euro-style plug. Units are cUL, UL and CE marked.

| Thomas No. | Description                      | Each |
|------------|----------------------------------|------|
| 1231B53    | Thomas High Volume Stirrer, 120V | 1    |
| 1231B54    | Thomas High Volume Stirrer, 230V | 1    |

## Thomas® Educational Stereo Microscopes

The Stereo microscope provides a large stage for sample manipulation while fitting in a storage cabinet. The illuminated stands permit light from three directions (above, below or both) to help observe opaque or transparent samples. Solid, all-metal focus mechanisms endure extensive student use.

The ST-800 series helps students through select magnification by turning a knob on the head, replicating a process on more sophisticated zoom models. The eyepieces are locked and don't walk, the all metal frames are built to last and the low voltage bulbs last for hundreds of hours and are easy to replace. The ZM-500 Series allows infinite magnification changes throughout the range.



| Thomas No. | Description                         | Each |
|------------|-------------------------------------|------|
| 1228M25    | Microscope Binocular Stereo 10X/20X | 1    |
| 1228M26    | Microscope Binocular Stereo 10X/30X | 1    |
| 1228M27    | Microscope Binocular Stereo 10X/40X | 1    |
| 1228M28    | Microscope Binocular Stereo 20X/40X | 1    |

## Thomas® Vortex Mixer

**Ideal for use with flasks, beakers, microwell plates and a variety of tubes**

- Stable, heavy-duty construction
- Small footprint
- Minimal vibration

### Touch Vortex Mixer

- Fixed speed mixing at 3200 rpm
- Simple touch operation

### Analog Vortex Mixer

- Variable speed 300 to 3200 rpm
- Touch mode or continuous operation

### Accessories

- **Foam Insert Kit with Retainer** (8294B46) includes an insert retainer, vessel harness and one insert for 9-13 mm tubes, 14-19 mm tubes, and 20-25 mm tubes as well as a blank insert.
- **Micro Well Plate Kit with Retainer** (8294B60) includes a 48-hole Micro Tube Foam Rack for 0.5 and 1.5 mL tubes, a Micro Well Plate Foam Rack and insert retainer.

### Adapters

- **Thomas No. 8294B70** cup head is a rubber adapter for 9-13, 14-19, 20-25mm test tubes, as well as a blank insert
- **Thomas No. 8294B66** 3-inch head plastic adapter that fits over the Mini-Vortexer
- **Thomas No. 8294B68** is a dimpled rubber three-inch head cover that fits over the plastic adapter. All items come standard with the Thomas vortexers.

| Thomas No. | Description                      | Each |
|------------|----------------------------------|------|
| 8294B38    | Thomas Touch Vortex Mixer, 120V  | 1    |
| 1232L69    | Thomas Touch Vortex Mixer, 230V  | 1    |
| 8294B30    | Thomas Analog Vortex Mixer, 120V | 1    |
| 1232L68    | Thomas Analog Vortex Mixer, 230V | 1    |



## Boekel Standard Lighted Tissue Floatation Bath

Precision temperature controlled water bath eliminates wrinkles and distortion during preparation of paraffin embedded tissue sections

- Digital Microprocessor Control with advanced safety over temperature protection
- L.E.D. illuminated black background with transparent PYREX® dish; allows specimen to be easily seen
- Supplied with a removable PYREX® dish
- 2-year warranty
- Units are certified to UL61010-1, CSA C22.2 and CE approved



| Thomas No. | Description                             | Each |
|------------|---|------|
| 1223Q74    | Illuminated Tissue Floatation Bath 115v | 1    |
| 1223Q75    | Illuminated Tissue Floatation Bath 230v | 1    |

## Boekel Lab Jacks®

All stainless steel screw mechanism and anodized aluminum top and bottom plates.



| Thomas No. | Description                       | Each |
|------------|-----------------------------------|------|
| 0241C98    | Lab Jack, Micro, 3 x 3"           | 1    |
| 0241E44    | Lab Jack with Plate & Rod, 8 x 8" | 1    |
| 0241E43    | Lab Jack, Standard, 4.75 x 5.5"   | 1    |
| 1204K08    | Lab Jack 4 x 4" Plate             | 1    |
| 1204K09    | Lab Jack 6 x 6" Plate             | 1    |
| 1204K10    | Lab Jack 8 x 8" Plate             | 1    |
| 1204K11    | Lab Jack 12 x 12" Plate           | 1    |



All S2 Media Agar on this page are stackable, anti-slip plates and are packaged in sleeves of 10 in breathable cellulose bags.

## S2 Media

### Tryptic Soy Agar (TSA)

- TSA is a general growth medium utilized for the isolation, cultivation, and maintenance of fastidious and nonfastidious microorganisms
- It is specified in USP <61> for enumeration tests, growth promotion testing, and counting methods suitability tests
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use



| Thomas No. | Description                             | Pack |
|------------|---|------|
| C838W61    | Tryptic Soy Agar (TSA), 16 x 90mm Plate | 10   |

## S2 Media

### Tryptic Soy Agar (TSA) with 5% Sheep Blood

- TSA with 5% Sheep Blood is an enriched medium utilized for the isolation, cultivation, and maintenance of fastidious microorganisms and the determination of hemolysins such as Staphylococcus spp. and Streptococcus spp.
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Device for in-vitro diagnostic use



| Thomas No. | Description   | Pack |
|------------|---|------|
| C838W62    | Tryptic Soy Agar (TSA) with 5% Sheep Blood, 16 x 90mm Plate | 10   |

## S2 Media

### Sabouraud Dextrose Agar (SabDex)

- SabDex is utilized for the cultivation, isolation, and identification of pathogenic and non-pathogenic fungi (yeasts and molds)
- Recommended in compendia for pharmaceuticals, cosmetics and food testing
- Specified in USP <61> and <62> for microbial enumeration tests and the isolation of C. albicans
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use



| Thomas No. | Description                                       | Pack |
|------------|---|------|
| C838W63    | Sabouraud Dextrose Agar (SabDex), 16 x 90mm Plate | 10   |

## S2 Media

### Potato Dextrose Agar (PDA)

- A general purpose medium for the cultivation and isolation of yeasts and mold
- Recommended in standard methods associated with food, dairy, pharmaceuticals, and cosmetics (USP microbial enumeration tests)
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use



| Thomas No. | Description                                 | Pack |
|------------|---|------|
| C838W65    | Potato Dextrose Agar (PDA), 16 x 90mm Plate | 10   |

## S2 Media

### Nutrient Agar (NA)

- Used for the cultivation and maintenance of a wide range of nonfastidious organisms often found in water, sewage, and feces
- This medium is specified in current standard methods including BAM and APHA
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use



| Thomas No. | Description                         | Pack |
|------------|-------------------------------------|------|
| C838W67    | Nutrient Agar (NA), 16 x 90mm Plate | 10   |

## S2 Media

### MacConkey Agar (MAC)

- Utilized to isolate and differentiate coliform organisms and enteric pathogens based upon lactose fermentation
- This medium is recommended in standard methods for water, dairy, cosmetic, food, pharmaceutical, and clinical samples
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use



| Thomas No. | Description                           | Pack |
|------------|---------------------------------------|------|
| C838W69    | MacConkey Agar (MAC), 16 x 90mm Plate | 10   |

## S2 Media

### Chocolate Agar

- Recommended for the isolation and cultivation of fastidious microorganisms, specifically Neisseria and Haemophilus species
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use
- Stackable, anti-slip plates are packaged in sleeves of 10 in breathable cellulose bags



| Thomas No. | Description                     | Pack |
|------------|---------------------------------|------|
| C838W73    | Chocolate Agar, 16 x 90mm Plate | 10   |

## S2 Media

### WL Nutrient Agar (WLN)

- Also known as Wallerstein Laboratory Nutrient Agar
- Used for the cultivation of yeast, mold and bacteria encountered in industrial fermentation and brewing processes
- May be used for viable counts of baker's yeast at pH 5.5
- Developed by Green and Gray during fermentation studies



| Thomas No. | Description                              | Pack |
|------------|--|------|
| C838W83    | CWL Nutrient Agar (WLN), 16 x 90mm Plate | 10   |

## S2 Media

### Brain Heart Infusion Agar (BHI)

- A highly nutritious general-purpose growth medium utilized for the cultivation of fastidious and non-fastidious microorganisms including bacteria and fungi
- BHI is specified in compendia standards for food safety and water safety
- Our manufacturing facility and QSM comply with cGMP's for medical device manufacturing
- Class I Medical Devices for in-vitro diagnostic use



| Thomas No. | Description                                      | Pack |
|------------|--|------|
| C838W88    | Brain Heart Infusion Agar (BHI), 16 x 90mm Plate | 10   |



## Thomas® 4-Channel Alarm Timer

- Easy on the eyes
- High-decibel alarm
- NIST Traceable® certificate
- Four channels
- Perfect for repetitive testing



| Thomas No. | Description           | Each |
|------------|-----------------------|------|
| 9371W52    | 4-Channel Alarm Timer | 1    |

## Thomas® Traceable® Nano Timer

- 2 channels, plus memory
- Timing capacity:  
23 hours, 59 minutes, 59 seconds
- Resolution is 1 second
- Accuracy is 0.01%



| Thomas No. | Description           | Each |
|------------|-----------------------|------|
| 1235D56    | Traceable® Nano Timer | 1    |

## Thomas® Clear Plastic Lab Wrap

- 100% polyethylene wrap
- Low tangle
- High cling
- Ultra-clean film
- Metal tear-off bar makes it easy to cut the exact size you need
- Flap prevents roll from leaving box
- Wrap is 12" wide by 100 feet in length



| Thomas No. | Description | Each |
|------------|-------------|------|
| 1235C58    | Lab Wrap    | 1    |

## Thomas® Premium Aluminum Foil

Premium Ultra-Clean™ pure aluminum foil is manufactured specifically for the lab with added strength and puncture resistance. Highly versatile material can withstand extreme heat and cold. Ultra-Clean™ aluminum foil purity helps maintain the integrity of samples. Foil is impermeable to light, oxygen, and water.



| Thomas No. | Description           | Each | Case |
|------------|-----------------------|------|------|
| 1181K84    | Regular, 12" x 200'   | 1    | 12   |
| 1181K85    | Heavy-Duty, 18" x 25' | 1    | 12   |

## Thomas® 240ml Adjustable Spray Wash Bottle

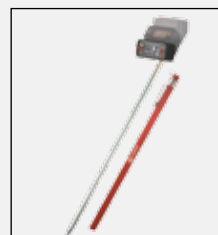
Adjustable 240 ml spray wash bottle is chemical resistant. The bottle is virtually unbreakable and comes with a polypropylene sprayer. Squat shaped bottle occupies minimal bench space and its low center of gravity eliminates tip-over problems.



| Thomas No. | Description       | Pack |
|------------|-------------------|------|
| 1758G43    | Wash Bottle 240mL | 3    |

## Thomas® Traceable® Robo Thermometer

Rotating digital display (180 degrees) makes for easy reading at any angle. Position the readout at a right angle for a heads-up display or straight to view sample and temperature simultaneously. Read temperatures in reagents, water baths, foods, air, and any semisolid. Extra-wide range covers from -58 to 536°F and -50 to 280°C. Press a button to change between Fahrenheit and Celsius. Enjoy digital resolution of 0.1° from -20 to 200°. Accuracy is ±1°C between -20 and 100°C. Ultra™ model accuracy is ±0.4°C at tested points. Readings are updated every second. Stainless-steel probe is resistant to most laboratory chemicals. Long stem allows the user to make measurements while stirring solutions. It is ideal for use in deep vessels.



| Thomas No. | Description                       | Each |
|------------|-----------------------------------|------|
| 9329F57    | Robo Thermometer, Accuracy ±1.0°C | 1    |

## Hamilton Neuros™ Syringes

- Needle rigidity improves insertion path accuracy
- Minimal tissue damage reduces injection variability
- Reduced sample loss saves money and materials
- Fine gauge needle creates smaller injection sites
- Compatibility with most infusion pumps and stereotaxic holders means an easy integration into existing processes



| Thomas No. | Description  | Each |
|------------|--|------|
| 1183U33    | Syringe, 10 µL, Neuros Model 1701 RN, point style 4    | 1    |
| 1183U32    | Syringe, 5 µL, Neuros Model 75 RN, point style 4       | 1    |
| 1183U29    | Syringe, 0.5 µL, Neuros Model 7000.5 KH, point style 4 | 1    |

## Axygen® 1.1mL 96-Well Deep Well Plates

96-well deep well plate with round wells.

Working volume is 1.09 mL.



| Thomas No. | Description                                  | Case |
|------------|--|------|
| 1223V36    | 1.1mL 96-Well Deep Well Plate                | 50   |
| 1223V37    | 1.1mL 96-Well Deep Well Plate Pre-Sterilized | 50   |

## Greiner Bio-One 96 Well Polypropylene Plates

Microplates are manufactured from ClearChoice™ virgin polypropylene resin. They are produced with uniform external dimensions and tolerances to meet ANSI recommendations for compatibility with equipment and robotics. These plates are biologically inert, exhibit low binding characteristics, offer high temperature tolerance (-196 to 121°C/-321 to 250°F), and are resistant to many standard laboratory chemicals. Black plates are ideal for fluorescence polarization.



| Thomas No. | Description   | Case |
|------------|---|------|
| 1183A79    | 300µL/well, Round (U) Bottom, Chimney Style, Natural          | 100  |
| 1183A80    | 300µL/well, Round (U) Bottom, Chimney Style, White            | 100  |
| 1183A81    | 300µL/well, Round (U) Bottom, Chimney Style, Black            | 100  |
| 1183A82    | 300µL/well, Round (U) Bottom, Chimney Style, Natural, Sterile | 100  |
| 1183A83    | 335µL/well, Conical Bottom, Chimney Style, Natural            | 100  |
| 1183A84    | 335µL/well, Conical Bottom, Chimney Style, Black              | 100  |
| 1183A85    | 335µL/well, Conical Bottom, Chimney Style, Natural, Sterile   | 100  |

## Sartorius Entris® Analytical and Precision Balances

Get the reliability and quality of a Sartorius balance, but only pay for the features you really need

The new Entris® has been specially designed to deliver effective and reliable weighing results in your daily work. The easy and clearly structured user interface, the logical key assignment and excellent readability are ideal features for error-free operation.



| Thomas No. | Description |
|------------|-------------|
|------------|-------------|

### Entris® Analytical Balances

|         |                                       |
|---------|---------------------------------------|
| 1199G34 | Entris Analytical Balance 60 x 0.1mg  |
| 1199G35 | Entris Analytical Balance 120 x 0.1mg |
| 1199G36 | Entris Analytical Balance 220 x 0.1mg |

### Entris® Precision Balances

|         |                                       |
|---------|---------------------------------------|
| 1199G37 | Entris Milligram Balance 150 x 0.001g |
| 1199G38 | Entris Milligram Balance 320 x 0.001g |
| 1199G39 | Entris Milligram Balance 420 x 0.001g |
| 1199G40 | Entris Milligram Balance 620 x 0.001g |
| 1199G41 | Entris Toploader Balance 820 x 0.01g  |
| 1199G42 | Entris Toploader Balance 2202 x 0.01g |
| 1199G43 | Entris Toploader Balance 3200 x 0.01g |
| 1199G44 | Entris Toploader Balance 4200 x 0.01g |
| 1199G45 | Entris Toploader Balance 6200 x 0.01g |
| 1199G46 | Entris Toploader Balance 2200 x 0.1g  |
| 1199G47 | Entris Toploader Balance 5200 x 0.1g  |
| 1199G48 | Entris Toploader Balance 8200 x 0.1g  |

## Labconco WaterPro® BT™ Water Purification System

WaterPro® BT System produces both RO-purified and Type I water packaged in a compact all-in-one benchtop design

For laboratories needing 1-10 liters per day, the WaterPro BT System, delivers ultrapure Type I\*, up to 18.2 megohm-cm at a typical rate of >0.5 liter per minute\*\* at inlet water temperature of 25° C. Type I water is ideal for many applications including instrumental trace element analysis, mixing standardized acid/base solutions, and media solutions. An optional UV lamp further reduces the bacteria and TOC levels necessary for life science applications.



| Thomas No. | Description |
|------------|-------------|
|------------|-------------|

|         |                          |
|---------|--------------------------|
| 1201X60 | WaterPro BT System, 115V |
|---------|--------------------------|

## Thomas® Bacti Infrared MicroSterilizer

- Complete infrared sterilization in 5-7 sec.
- Safe, convenient and no splatter
- Ideal for platinum loops, needles and tube mouths

The Thomas® Bacti Infrared MicroSterilizer is designed for "on the bench" sterilization of research microbiology tools. It uses infrared heating to produce 815°C (1500°F). It completely sterilizes microorganisms in 5-7 seconds. The Thomas® Bacti Infrared MicroSterilizer provides instant sterilization of platinum inoculating loops, needles, glass tube/pipette mouths and various metal & borosilicate glass instruments.



| Thomas No. | Description |
|------------|-------------|
|------------|-------------|

|         |   |
|---------|---|
| 1221S79 | Infrared MicroSterilizer, 115V                        |
| 1221S80 | Infrared MicroSterilizer, 230V                        |
| 1221S81 | Bacti Infrared MicroSterilizer Loop Holder Attachment |
| 1221S82 | Bacti Infrared MicroSterilizer Slide Dryer Attachment |

## Boekel Mini Tube Rotator

- Variable Speed: 4-18 rpm
- LCD display
- Includes 260751 Carousel for thirty-six 1.5/2.0ml tubes
- Provides complete 360° Rotation
- An adjustable 0-90° Mixing Angle

Small footprint for your bench — we know you need all the space you can get! Interchangeable carousels for all common laboratory tubes. Cold Room and Incubator compatible. AC Adapter marked with UL/CSA and CE markings. 2 Year manufacturer's warranty.



| Thomas No. | Description |
|------------|-------------|
|------------|-------------|

|         |   |
|---------|---|
| 1217H25 | Mini Tube Rotator with Carousel for 36 1.5/2.0 ml Tubes |
|---------|---|

## Polyscience Digital General Purpose Water Baths

**Excellent temperature control, range, and uniformity**

These General Purpose Water Baths are designed to be the lowest cost premium digital unstirred water baths on the market. Reservoir sizes include 2, 5, 10, 20 and 28 liters.

- Calibration offset feature
- Large, backlit LCD display shows set and actual temperature
- Three user-configured temperature presets
- Integrated countdown timer
- Set the timer anywhere from minutes to 99 hours
- Clear, hinged gable cover tilts out of the way, lets condensation drain back into the bath and keeps samples in view
- Redundant safety thermostat
- Recessed handles for easy positioning
- Maintenance schedules and/or certain applications may require emptying the bath reservoir, which is made easier with the built-in drain



| Thomas No. | Description                               |
|------------|---|
| 1198Q17    | Digital Water Bath, 2L, 120V/60Hz         |
| 1184L06    | Digital Water Bath, 2L Shallow, 120V/60Hz |
| 1198Q19    | Digital Water Bath, 5L, 120V/60Hz         |
| 1198Q21    | Digital Water Bath, 10L, 120V/60Hz        |
| 1198Q23    | Digital Water Bath, 20L, 120V/60Hz        |
| 1198Q25    | Digital Water Bath, 28L, 120V/60Hz        |

## Mettler Toledo MS-TS Analytical Balances

The built-in security features on MS-TS analytical balances ensure results are always valid. Operators receive a warning if any problems are encountered or tolerances are not adhered to. Corrective actions can be taken immediately, avoiding costly reworking later. LevelControl, MinWeigh and automatic internal adjustment with proFACT support compliance with regulations. The ISOLog function maintains a record of all weighing relevant changes to the balance's settings. For additional security, settings can be passcode protected.



| Thomas No. | Description                                 |
|------------|---|
| 1188D83    | Analytical Balance, 120g x 0.1mg            |
| 1188D86    | Precision Toploading Balance, 320g x 1mg    |
| 1188D90    | Precision Toploading Balance, 1620g x 0.01g |

## Thermo Scientific UV-Vis GENESYS™ 10S UV-Vis Spectrophotometers

Thermo Scientific™ GENESYS 10S UV-Vis spectrophotometer utilizes a high-intensity xenon lamp and dual-beam optical geometry to deliver unsurpassed data quality. Firing pulses of light only when the instrument is taking a measurement, the xenon lamp provides strong illumination from the UV to the near-IR region of the spectrum.



| Thomas No. | Description   |
|------------|---|
| 1171P99    | GENESYS 10S UV-Vis, US line cord                                |
| 1171P98    | GENESYS 10S UV-Vis, with internal printer, US line cord         |
| 1171Q00    | GENESYS 10S BIO UV-Vis, US line cord                            |
| 1171Q01    | GENESYS 10S Bio with Printer, 1 and 6 cell holder, US line cord |





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