

Winter Edition

LAB BASICS

Everyday Lab Essentials at Great Prices

Thomas
Scientific

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

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Everyday Lab Essentials at Great Prices

LAB BASICS

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	Transfer Pipette, 4.5mL, Narrow Stem	5,000
1227W92	Transfer Pipette, 1.5mL, Mini, 0.1mL Graduations to 0.3mL	5,000
1227W93	Transfer Pipette, 5mL, Large Bulb, 0.25mL Graduations to 1mL	5,000
1227W94	Transfer Pipette, 3mL, Small Bulb, 0.25mL Graduations to 1mL	5,000
1227W95	Transfer Pipette, 5mL, 0.5mL Graduations up to 2mL	5,000
1227W96	Transfer Pipette, 8mL, General Purpose, Large Bulb	4,000
1227W97	Transfer Pipette, 7mL, General Purpose, 500/Dispenser Box	5,000
1227W98	Transfer Pipette, 6mL, Extra Long (9"), 500/Dispenser Box	5,000
1227W99	Transfer Pipette, 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

Everyday Lab Essentials at Great Prices

LAB BASICS

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

Thomas® Filter Paper, Qualitative Grades

Designed for general qualitative laboratory work

- Fast filtering speed; 25um particle retention
- Low retentivity, which retains coarse or gelatinous precipitates such as aluminum hydroxide, cobalt carbonate, mercury iodide and magnesium hydroxide
- Creped surface; thickness approximately 0.23 mm; 24 mm pore size



Thomas No.	Description	Pack
4704H10	Filter Paper, 7.5 cm	100
4704H15	Filter Paper, 9 cm	100
4704H20	Filter Paper, 10 cm	100
4704H25	Filter Paper, 11 cm	100
4704H30	Filter Paper, 12.5 cm	100
4704H35	Filter Paper, 15 cm	100
4704H40	Filter Paper, 18.5 cm	100
4704H50	Filter Paper, 25 cm	100
4704H55	Filter Paper, 33 cm	100
4704H60	Filter Paper, 38 cm	100
4704H65	Filter Paper, 50 cm	100
4704K21	Filter Paper, 48 X 48 cm	100

Thomas® 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 15 mm, 100 x 15 mm, and 150 x 15 mm.

Thomas No.	Description	Case
1188N80	Petri Dish, 100x15mm, Slippable, 500	500
1188N81	Petri Dish, 100x15mm, Stackable, S, Bk, 25/500	500
1188N82	Petri Dish, 60x15mm, Stackable, S, 25/500	500
1188N83	Petri Dish, 150x15mm, Slippable, S, Bk, 10/100	100

Thomas® Thomas Reagent Reservoirs

Choose from four styles - 25 mL Divided, 25 mL, 50 mL and 100 mL

- "V" bottom design allows for maximum recovery of reagents
 - Graduated with convenient pouring spouts at all four corners
 - Extra wide base for increased stability
 - Unique "Nesting" feature makes separation of bulk packed reservoirs easy
- 25ml divided reservoirs are divided into 3 separate 5ml channels; great for low volume pipetting. Sterile and certified version are certified RNase and DNase-free and non-pyrogenic. Bulk packed reservoirs come in packs of 5 reservoirs.



Thomas No.	Description	Case
1228K15	Reagent Reservoir, 25mL Divided, Sterile, Individually Wrapped	100
1228K17	Reagent Reservoir, 25mL Divided, Non-Sterile, Bulk Packed	100
1228K18	Reagent Reservoir, 25mL, Sterile, Individually Wrapped	100
1228K20	Reagent Reservoir, 25mL, Non-Sterile, Bulk Packed	100
1228K21	Reagent Reservoir, 50mL, Sterile, Individually Wrapped	100
1228K23	Reagent Reservoir, 50mL, Non-Sterile, Bulk Packed	100
1228K24	Reagent Reservoir, 100mL, Sterile, Individually Wrapped	100
1228K26	Reagent Reservoir, 100mL, Non-Sterile, Bulk Packed	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

Thomas® Thomas® TS-S Series Balances

- LCD backlit display
- RS232 serial interface
- Small footprint, portable
- Cylindrical draftshield (milligram model)
- Selectable Measuring units
- Checkweighing
- Percentage weighing
- Density determination (solid and liquid)
- Max load determination (peak hold)
- Under hook weighing (except mg model)
- Operating with line and battery power supply
- Plastic protection cover



Thomas No.	Description	Each
1200J61	Thomas Precision Balance 120 x 0.001g	1
1200J62	Thomas Precision Balance 620 x 0.01g	1
1200J63	Thomas Precision Balance 1000 x 0.01g	1
1200J64	Thomas Precision Balance 5200 x 0.1g	1
1200J65	Thomas Precision Balance 6500 x 0.1g	1
1200J66	Thomas Precision Balance 12000 x 0.1g	1

Everyday Lab Essentials at Great Prices

LAB BASICS

Foxx Life Sciences

EZFlow® Sample Prep Syringe Filters

EZFlow 13mm and 25mm Sample Prep Syringe Filters are designed for aqueous and organic solution samples. The sample prep syringe filters are used for clarification and particle removal from samples before instrumental analysis such as HPLC, IC, and GC. These syringe filters are available in a variety of filter membrane materials, offered in 0.2µm or 0.45µm pore sizes. The filter membranes are reinforced with polypropylene housing with a female Luer-lok inlet and a male Luer slip outlet. All materials comply with USP Class VI Standards.

PES - high asymmetric PES membrane, high flow rate, low extractable

Nylon - filtration of aqueous biological solutions, alcoholic solutions and non-aqueous HPLC/GC solvents

Hydrophobic PTFE - filtration of organic solvents?

Hydrophilic PTFE - filtration of aqueous and mild organic solutions

Hydrophilic PVDF - filtration of aqueous and mild organic solutions: high flow rate, low protein binding

Thomas No.	Description	Pack
1185G38	EZFlow Sample Prep Syringe Filter, PES, 0.22µm, 13mm	100
1185G39	EZFlow Sample Prep Syringe Filter, PES, 0.22µm, 25mm	100
1185G40	EZFlow Sample Prep Syringe Filter, PES, 0.45µm, 13mm	100
1185G41	EZFlow Sample Prep Syringe Filter, PES, 0.45µm, 25mm	100
1185G42	EZFlow Sample Prep Syringe Filter, Nylon, 0.22µm, 13mm	100
1185G43	EZFlow Sample Prep Syringe Filter, Nylon, 0.22µm, 25mm	100
1185G44	EZFlow Sample Prep Syringe Filter, Nylon, 0.45µm, 13mm	100
1185G45	EZFlow Sample Prep Syringe Filter, Nylon, 0.45µm, 25mm	100
1185G46	EZFlow Sample Prep Syringe Filter, Hydrophobic PTFE, 0.22µm, 13mm	100
1185G47	EZFlow Sample Prep Syringe Filter, Hydrophobic PTFE, 0.22µm, 25mm	100
1185G48	EZFlow Sample Prep Syringe Filter, Hydrophobic PTFE, 0.45µm, 13mm	100
1185G49	EZFlow Sample Prep Syringe Filter, Hydrophobic PTFE, 0.45µm, 25mm	100
1185G50	EZFlow Sample Prep Syringe Filter, Hydrophilic PTFE, 0.22µm, 13mm	100
1185G51	EZFlow Sample Prep Syringe Filter, Hydrophilic PTFE, 0.22µm, 25mm	100
1185G52	EZFlow Sample Prep Syringe Filter, Hydrophilic PTFE, 0.22µm, 33mm	100
1185G53	EZFlow Sample Prep Syringe Filter, Hydrophilic PTFE, 0.45µm, 13mm	100
1185G54	EZFlow Sample Prep Syringe Filter, Hydrophilic PTFE, 0.45µm, 25mm	100
1185G55	EZFlow Sample Prep Syringe Filter, Hydrophilic PTFE, 0.45µm, 33mm	100
1185G56	EZFlow Sample Prep Syringe Filter, Hydrophilic PVDF, 0.22µm, 13mm	100
1185G57	EZFlow Sample Prep Syringe Filter, Hydrophilic PVDF, 0.22µm, 25mm	100
1185G58	EZFlow Sample Prep Syringe Filter, Hydrophilic PVDF, 0.22µm, 33mm	100
1185G59	EZFlow Sample Prep Syringe Filter, Hydrophilic PVDF, 0.45µm, 13mm	100
1185G60	EZFlow Sample Prep Syringe Filter, Hydrophilic PVDF, 0.45µm, 25mm	100
1185G61	EZFlow Sample Prep Syringe Filter, Hydrophilic PVDF, 0.45µm, 33mm	100

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



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)
- Recyclable through RightCycle* program by Kimberly-Clark Professional*

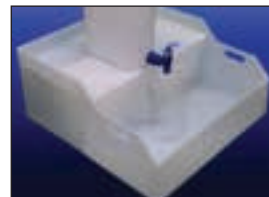


Thomas No.	Description	Case
1190Y71	Kimberly-Clark Spring Green Nitrile Exam Gloves, XS	2,000
1190Y72	Kimberly-Clark Spring Green Nitrile Exam Gloves, S	2,000
1190Y73	Kimberly-Clark Spring Green Nitrile Exam Gloves, M	2,000
1190Y74	Kimberly-Clark Spring Green Nitrile Exam Gloves, L	2,000
1190Y75	Kimberly-Clark Spring Green Nitrile Exam Gloves, L	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

National Chemical Laboratories

MICRO-CHEM PLUS™ Disinfectant Detergent

Features & Benefits

- Hospital grade / Insures complete broad spectrum disinfecting
- Dual-quat / Residual bactericidal action
- Kills AIDS virus / Reduces danger of contamination from hard surfaces
- Biodegradable, phosphate free / Environmentally responsible
- Multiple applications / Variety of uses for both institutional and industrial areas

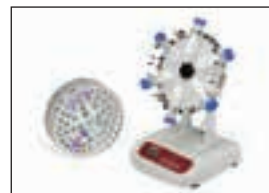


Thomas No.	Description	Case/Ea.
C849T34	MICRO-CHEM PLUS Disinfectant Detergent, 4 x 1 gallon	4

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
- 2 Year warranty
- Power pac is UL, CSA and CE approved



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

Everyday Lab Essentials at Great Prices

LAB BASICS

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	Pk/Cs
1177V34	20µL xTIP, LTS® Compatible Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V35	200µL xTIP, LTS® Compatible, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V36	1000µL xTIP, LTS® Compatible, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/3,840

Low Retention Tips (Non-Filtered)

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

Tip Eject Reload System Pipette Tips

Thomas No.	Description	Pk/Cs
1177V43	20µL xTIP, LTS® Compatible, Tip Eject Reload System, Low Retention, Pre-Sterile	960/4,800
1177V44	250µL xTIP, LTS® Compatible, Tip Eject Reload System, Low Retention, Pre-Sterile	960/4,800
1177V45	1000µL xTIP, LTS® Compatible, Tip Eject Reload System, Low Retention, Pre-Sterile	960/3,840

xTIP® CleanPak® Reload System

Thomas No.	Description	Pk/Cs
1177V51	20µL xTIP CleanPak Reload System, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile	960/4,800
1177V52	250µL xTIP CleanPak Reload System, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile	960/4,800
1177V53	1000µL xTIP CleanPak Reload System, Low-Retention, X-Resin, Non-Filtered, Pre-Sterile	960/3,840
1177V48	20µL xTIP CleanPak Reload System, Low-Retention, X-Resin, Non-Filtered	960/4,800
1177V49	250µL xTIP CleanPak Reload System, Low-Retention, X-Resin, Non-Filtered	960/4,800
1177V48	1000µL xTIP CleanPak Reload System, Low-Retention, X-Resin, Non-Filtered	960/3,840

xTIP® Empty Racks

Thomas No.	Description	Pk/Cs
1177V46	20-250µL xTIP Empty Rack	10/50
1177V47	1000µL xTIP Empty Rack	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	Pk/Cs
1177V54	10µL uTIP, Universal Fit, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V55	10µL XL uTIP, Universal Fit, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V56	20µL uTIP, Universal Fit, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V57	100µL uTIP, Universal Fit, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V58	300µL uTIP, Universal Fit, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/4,800
1177V59	1250µL uTIP, Universal Fit, Low-Retention, X-Resin, Filtered, Pre-Sterile	960/3,840

Low Retention Tips (Non-Filtered)

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

uTIP™ CleanPak® Reload System

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

uTIP™ Empty Racks

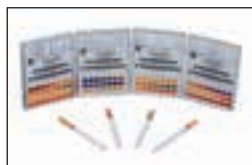
Thomas No.	Description	Pk/Cs
1177V84	Empty Rack for 10µL and 10XL uTIPs	10/50
1177V85	Empty Rack for 100-300µL uTIPs	10/50
1177V86	Empty Rack for 1250µL uTIPs	10/40

Everyday Lab Essentials at Great Prices

LAB BASICS

Ricca Chemical pH Test Strips

- Large indicator pad for easy matching to the color chart and precise pH determination
- Indicator dye is fixed to the test strip to reduce the risk of dye bleed into the sample
- Long sturdy handle protects the user from contact with the sample
- Easy-to-read color chart exactly matches both color and position of the pads



Ricca pH test strips are available in 5 different pH ranges. These time-saving, single-use indicator strips have a color-fixed test area on an easy-to-handle, durable plastic strip for fast, accurate results.

Thomas No.	Description	Each
1224M82	pH Test Strips, 0-14, Box/100	1
1224M83	pH Test Strips, 0-6, Box/100	1
1224M84	pH Test Strips, 2-9, Box/100	1
1224M85	pH Test Strips, 4.5-10, Box/100	1
1224M86	pH Test Strips, 7-14, Box/100	1

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; 12x1.5ml tubes	1
1213F87	Horizontal head attachment for BenchMixer Vortexer; 4x15ml tubes	1
1213F88	Horizontal head attachment for BenchMixer Vortexer; 2x50ml tubes	1

Benchmark MyTemp™ Mini Incubator

With digital temperature control, the MyTemp incubators provide convenient "set and 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

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® 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, 4x4, 120V, Adv	1
1224Q74	Hot Plate Stirrer, Ceramic, 4 x 4, 120V, Adv	1
1224Q75	Hot Plate, Ceramic, 4x4, 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	SCIOLOGEX s/channel pipettor 0.1-2.5µl	1
1221U15	SCIOLOGEX s/channel pipettor 0.5-10µl	1
1221U16	SCIOLOGEX s/channel pipettor 2-20µl	1
1221U17	SCIOLOGEX s/channel pipettor 5-50µl	1
1221U18	SCIOLOGEX s/channel pipettor 10-100µl	1
1221U19	SCIOLOGEX s/channel pipettor 20-200µl	1
1221U20	SCIOLOGEX s/channel pipettor 100-1000µl	1
1221U21	SCIOLOGEX 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

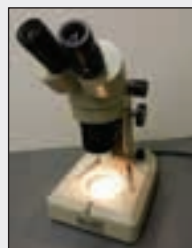


Thomas High Volume Stirrers are designed to handle large volume applications. A powerful magnet and motor combine to provide an exceptional magnetic coupling force capable of stirring 25 L of liquid. Microprocessor control precisely regulates speed through the 60 to 1400 rpm range. Ramping feature slowly 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® 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 inches	1
0241E44	Lab Jack with Plate & Rod, 8 x 8 inches	1
0241E43	Lab Jack, Standard, 4.75 x 5.5 inches	1
1204K08	Lab Jack 4x4" Plate	1
1204K09	Lab Jack 6x6" Plate	1
1204K10	Lab Jack 8"x8" Plate	1
1204K11	Lab Jack 12"x12" Plate	1



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