

labForce[®]
powered by Thomas Scientific

Lab Equipment & Instrumentation Catalog



ThomasSci.com

Thomas
Scientific



Table of Contents

- CentrifugesPgs 3-7
- Balances & WeightsPgs 8-11
- Rockers & Shakers.....Pgs 12-13
- Rotors & Shakers Pg 14
- Mixers & StirrersPgs 15-17
- Bottle Top Dispensers..... Pg 18
- Equipment Financing..... Pg 19
- Meters..... Pg 20-22
- ThermometersPgs 23-27
- Hygrometers Pg 28
- Build-A-Chair Pg 29
- ElectrodesPgs 30-38
- Timers..... Pg 39
- Incubators & Electrophoresis Systems Pg 40
- Dry Baths..... Pg 41
- Thermal Cyclers..... Pg 42
- Anti-Vibration Tables Pg 43
- Anti-Static Ionizers & MicroSterilizers Pg 44
- Pipettors & Accessories..... Pg 45
- Wiley Mills.....Pgs 46-47

Thomas Scientific-providing you the one-stop solution for all your laboratory workflow needs. Unlock the power of labForce, a trusted and essential product line designed exclusively for scientists, researchers and laboratories worldwide by Thomas Scientific. Our instrumentation and equipment solutions prioritize reliable quality and exceptional value.

- Affordably priced with advanced features available
- All labForce equipment is manufactured under ISO 9001 Standards
- 3 & 5 Year Warranty on applicable products
- Technical Support provided by Thomas Scientific's USA based team

Explore over a million product solutions at Thomas Scientific—we're here to find the perfect fit, allowing you to focus on empowering science. Can't find what you need? Reach out to your local lab solutions representative or our dedicated customer service team.

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Centrifuges



High Speed Microcentrifuge

- High Speed, 21,400xg
- Quiet and compact
- Advanced, full color display
- 24 place rotor with convenient, snap-on lid
- 2 year warranty
- Available with or without refrigeration

The 45° rotor accepts 1.5/2.0mL microtubes directly and also accepts smaller tubes (0.2, 0.5mL, etc) with the use of optional adapters.



Thomas No.	Description	QTY
1154Q50	24-M Ambient, 115V	1/Ea
1154Q51	24-M Ambient, 230V	1/Ea
1154Q52	24-MR Refrigerated, 115V	1/Ea
1154Q53	24-MR Refrigerated, 230V	1/Ea

Single Speed Fixed & Horizontal Angle Benchtop Centrifuges

- Tube Capacity: 6 x 75-125 mm/3-15 mL
- Applications: Chemistry
- Designed, built, and supported in the USA
- Centrifugation: Horizontal, max 1,600 xg/3,250 RPM
- Included: Rotor, buckets, and tube holders
- Warranty: 2 years (rotor: lifetime warranty)

The Model 614B centrifuge provides runtime flexibility and fixed angle processing.

The Model 642B offers single-speed processing, simple controls, and an adjustable mechanical timer to meet a variety of blood specimen preparation needs.

Thomas No.	Description	QTY
20A00K607	614B Single Speed Fixed Angle	1/Ea
20A00K608	642B Single Speed Horizontal	1/Ea



Horizontal One Setting Centrifuge

- Tube Capacity: 6 x 75-100 mm/3-10 mL
- Applications: Chemistry
- Centrifugation: Horizontal, max 1,600 xg/3,400 RPM
- Included: Rotor, buckets, and tube holders
- Warranty: 2 years (rotor: lifetime warranty)

The Model 642E is the world's best-selling clinical laboratory centrifuge. Spin all common blood tubes up to 75-100 mm (3-10mL) with the press of just one button.



Thomas No.	Description	QTY
20A00K609	642E Horizontal One Setting Centrifuge	1/Ea

Centrifuges

DASH Apex 6 Set & Lock STAT Centrifuge

- Tube Capacity: 6 x 75-100 mm/3-10 mL
- Applications: Chemistry
- Centrifugation: Horizontal, max 1,600 xg/3,400 RPM
- Included: Rotor, buckets, and tube holders
- Warranty: 2 years (rotor: lifetime warranty)

With its innovative design and simple, two-button operation, the Apex 6 provides quality plasma samples in minutes.

Thomas No.	Description	QTY
20A00K610	DASH Apex 6 Set & Lock STAT Centrifuge	1/Ea



DASH Apex 12 Set & Lock STAT Centrifuge

- Tube Capacity: 12 x (75-100 mm/3-10 mL)
- Applications: STAT chemistry, coag, PPP
- Centrifugation: Horizontal, max 4,000 xg/5,200 RPM
- Included: Rotor, buckets, and tube holders
- Warranty: 2 years (rotor: lifetime warranty)

LED lid lighting indicates when the centrifuge is ready to load (off), running (on), or done (flashing) and prevents forgotten samples, even in the busiest labs.

Thomas No.	Description	QTY
20A00K611	DASH Apex 12 Set & Lock STAT Centrifuge	1/Ea

DASH Coag Set & Lock STAT PPP Centrifuge

- Tube Capacity: 12 tubes, up to 75 mm/4 mL
- Applications: STAT coag/PPP
- Centrifugation: Fixed angle, max 4,400 xg (RCF)/6,600 RPM
- Included: Rotor
- Warranty: 2 years (rotor: lifetime warranty)

The DASH Coag delivers STAT platelet poor plasma (PPP) in just 3 minutes. LED lid lights clearly indicate cycle status, allowing lab results to be analyzed and returned to doctors in record time. Designed, built, and supported in the USA.

Thomas No.	Description	QTY
20A00K617	DASH Coag Set & Lock STAT PPP Centrifuge	1/Ea



DASH Flex 12 Programmable Digital STAT Centrifuge

- Tube Capacity: 12 x (75-100 mm/3-10 mL)
- Applications: STAT chemistry, coag, PPP
- Centrifugation: Horizontal, max 4,000 xg/5,200 RPM
- Included: Rotor, buckets, and tube holders
- Warranty: 2 years (rotor: lifetime warranty)

The DASH Coag delivers STAT platelet poor plasma (PPP) in just 3 minutes.

Thomas No.	Description	QTY
20A00K612	DASH Flex 12 Programmable Digital STAT Centrifuge	1/Ea

Centrifuges

High Speed Microcentrifuges

- 12 tube capacity / Up to 16,100 xg
- Less than 9 in. wide
- Quick deceleration
- Whisper quiet operation

The aircraft grade aluminum rotor accepts 1.5 to 2.0ml tubes directly, as well as 0.5ml and 0.2ml tubes with optional adapters. For application requiring sub-ambient temperatures, this model is cold room safe.



Thomas No.	Description	QTY
1154J19	12 place rotor, 115V	1/Ea
1154J20	12 place rotor, 230V	1/Ea

HORIZON 6 Flex Programmable Centrifuge

- Tube Capacity: 6 x 75-100 mm/3-10 mL
- Applications: Chemistry, Coag, PPP, PRP, Urine
- Centrifugation: Horizontal, max 2,000 xg/3,800 RPM
- Included: Rotor, buckets and tube holders, cycle label
- Warranty: 2 years (rotor: lifetime warranty)

The patented LED lid lighting system indicates whether the centrifuge is ready (off), running (on), or done (flashing) and continues flashing until the lid is opened.



Thomas No.	Description	QTY
20A00K613	HORIZON 6 Flex Programmable Centrifuge	1/Ea

HORIZON 6 Flex FA Fixed Angle Centrifuge

- Tube Capacity: 6 x 75-125 mm/3-15 mL
- Applications: Chemistry, Coag, PPP, PRP, Urine
- Centrifugation: Horizontal, max 2,000 xg/3,800 RPM
- Included: Rotor, buckets and tube holders, cycle label

The HORIZON 6 Flex FA centrifuge features a fully digital display and up to 10 programmable cycles for flexible fixed angle processing in the routine lab.



Thomas No.	Description	QTY
20A00K614	HORIZON 6 Flex Programmable Centrifuge	1/Ea

Centrifuges



HORIZON 12 Flex Programmable Centrifuge

- Tube Capacity: 12 x 75-100 mm/3-10 mL
- Applications: Chemistry, Coag, PPP, PRP, Urine
- Centrifugation: Horizontal, max 2,000 xg/3,700 RPM
- Included: Rotor, buckets and tube holders, cycle label
- Warranty: 2 years (rotor: lifetime warranty)

Program and save up to ten (10) custom time, RPM, and g-force settings with the easy-to-use interface; or choose from three carefully selected factory presets.

Thomas No.	Description	QTY
20A00K615	HORIZON 12 Flex Programmable Centrifuge	1/Ea

HORIZON 24 Flex Programmable Centrifuge

- Tube Capacity: 6 x 75-125 mm/3-15 mL
- Applications: Chemistry, Coag, PPP, PRP, Urine
- Centrifugation: Horizontal, max 2,000 xg/3,800 RPM
- Included: Rotor, buckets and tube holders, cycle label
- Warranty: 2 years (rotor: lifetime warranty)

The LED lid lighting system indicates when the centrifuge is ready, running, or done, preventing forgotten tubes in even the noisiest labs.

Thomas No.	Description	QTY
20A00K616	HORIZON 24 Flex Programmable Centrifuge	1/Ea



MicroPlate Centrifuges

- Quickly spins down droplets in PCR plates
- Unique swing-out rotor design prevents spillage (patented)
- Half the size of traditional centrifuges
- Accepts all popular types of PCR plates (skirted, semi, and non) and most microtiter plates

The easily accessible rotor chamber includes two plate carriers that rest at a 75° angle. With a g-force of 600 xg, most samples can be spun down in less than 20 seconds.

Thomas No.	Description	QTY
1154J32	MicroPlate Centrifuge with rotor and plate carriers, 115V, AMERICAN PLUG	1/Ea
1154J33	MicroPlate Centrifuge with rotor and plate carriers, 230V, EUROPEAN PLUG	1/Ea



Centrifuges



Thomas No.	Description	QTY
1154J21	Mini Centrifuge with Blue Lid, with 2 rotors, 100-240V (US plug)	1/Ea
1154J22	Mini Centrifuge with Blue Lid, with 2 rotors, 100-240V (European plug)	1/Ea
1154J23	Mini Centrifuge with Clear Lid, with 2 rotors, 100-240V (US plug)	1/Ea
1154J24	Mini Centrifuge with Clear Lid, with 2 rotors, 100-240V (European plug)	1/Ea
1154J25	Mini Centrifuge with Purple Lid, with 2 rotors, 100-240V (US Plug)	1/Ea
1154J26	Mini Centrifuge with Purple Lid, with 2 rotors, 100-240V (European plug)	1/Ea
1154J27	Mini Centrifuge with Red Lid, with 2 rotors, 100-240V (US Plug)	1/Ea
1154J28	Mini Centrifuge with Red Lid, with 2 rotors, 100-240V (European plug)	1/Ea
1154J29	Mini Centrifuge with Green Lid, with 2 rotors, 100-240V (US Plug)	1/Ea
1154J30	Mini Centrifuge with Green Lid, with 2 rotors, 100-240V (European plug)	1/Ea
1154J31	Strip Rotor for Mini Centrifuge	1/Ea



MiniMouse™ II Mini Centrifuges

- Cliik-N-Lok™ INSTANT rotor attachment
- Eight position microtube rotor
- Storage compartment for PCR rotor & 0.5ml adapters
- Near silent operation
- Decelerates in just one second
- Four position PCR strip rotor

An increased capacity, eight-position microtube rotor is included and comes installed. Also included is a second rotor for 0.2ml PCR tubes and strips which is stored (together with the rotor removal key) in a convenient compartment on the bottom of the centrifuge.

Sample Holder 8, 10, 12mm dia. Test Tubes & Centrifuge Tubes

Sample Holder 8,10,12mm dia. Test Tubes and Centrifuge Tubes. For use with the following Thomas Scientific balances: TS-T Series (0.01mg or 0.1mg readability) TS-L Series (0.01mg or 0.1mg readability)



Thomas No.	Description	QTY
20A00H186	Sample Holder 8,10,12mm dia. Test Tubes & Centrifuge Tubes for Thomas Scientific Balances	1/Ea

Thomas No.	Description	QTY
20A00H187	Sample Holder for 50, 100, 250 mL Round Flasks for Thomas Scientific Balances	1/Ea

Sample Holder for 50, 100, 250 mL Round Flasks for Thomas Scientific Balances

Sample Holder for 50, 100, 250 mL Round Flasks. For use with the following Thomas Scientific balances: TS-T Series (0.01mg or 0.1mg readability) TS-L Series (0.01mg or 0.1mg readability)

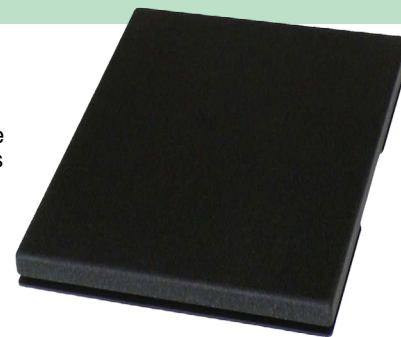


Balances & Weights

Anti-Vibration Granite Platform for Balances

Thomas No.	Description	QTY
20A00H200	Anti-Vibration Granite Platform for Balances	1/Ea

Granite platform featuring anti-vibration isolation to provide stabilization to Thomas Scientific balances in environments where vibrations may affect weighing performance. This platform is suitable for loads up to 70lbs and features high grade silicone gel vibration isolators. Platform size: 13 x 15 x 1.5"



Density Determination Kit for Thomas Scientific Balances

Density Determination Kit for use in determining density of solids and liquids. This kit is compatible with the following Thomas Scientific balances: TS-T Series (0.01mg or 0.1mg readability) TS-L Series (0.01mg or 0.1mg readability)



Thomas No.	Description	QTY
20A00H188	Density Determination Kit for Thomas Scientific Balances (0.01 or 0.1mg readability)	1/Ea

Density Determination Kit for Thomas Scientific Balances

Thomas No.	Description	QTY
20A00H189	Density Determination Kit for Thomas Scientific Balances (0.01 or 0.1mg readability)	1/Ea

Density Determination Kit for use in determining density of solids and liquids. This kit is compatible with the following Thomas Scientific balances: TS-T Series (1mg readability) TS-L Series (1mg readability)



Density Determination Kit for Thomas Scientific Balances

Density Determination Kit for use in determining density of solids and liquids. This kit is compatible with the following Thomas Scientific balances: TS-T-2102.C TS-L-1202.C TS-L-2102.C

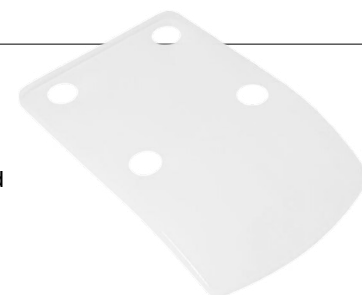


Thomas No.	Description	QTY
20A00H190	Density Determination Kit for Thomas Scientific Balances (0.01 or 0.1mg readability)	1/Ea

Density Determination Kit for Thomas Scientific Balances

Thomas No.	Description	QTY
20A00H194	Display Cover for TS-L and TS-PH Series Balances (0.01 and below readability)	3/PK

Protective plastic cover to protect the TS-L Series (1200g and 2100g capacity) and TS-PH Series balance housing from scratches, dust or spills. Comes in pack of 3.





Density Determination Kit for Thomas Scientific Balances

Protective plastic cover to protect the TS-L Series (1mg readability) balance housing from scratches, dust or spills. Comes in pack of 3.

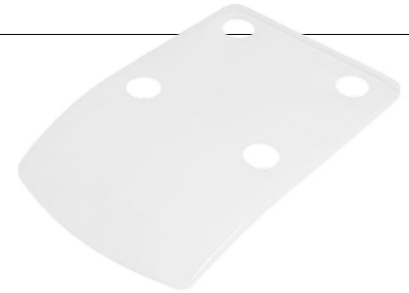


Thomas No.	Description	QTY
20A00H193	Display Cover for TS-L Series Balance (1mg readability)	3/PK

Thomas No.	Description	QTY
20A00H195	Display Cover for TS-L Series Balances (0.01g readability)	3/PK

Density Determination Kit for Thomas Scientific Balances

Protective plastic cover to protect the TS-L Series (4500g and 6000g capacity) balance housing from scratches, dust or spills. Comes in pack of 3.



Display Cover for TS-T Series Balances

Protective plastic cover to protect the TS-T and TS-M Series display against scratches, dust, or spills. Comes in pack of 3.



Thomas No.	Description	QTY
20A00H192	Display Cover for TS-T Series Balances	3/PK

Thomas No.	Description	QTY
1160U14	Precision Balance, 120g x 1mg, 110-240V	1/Ea
1160U15	Precision Balance, 500g x 0.01g, 110-240V	1/Ea
1160U16	Precision Balance, 1500g x 0.05g, 110-240V	1/Ea
1160U17	Precision Balance, 3000g x 0.1g, 110-240V	1/Ea
1160U18	Precision Balance, 6000g x 1g, 110-240V	1/Ea
20A00H241	TS-B-123, Precision Balance with Calibration Certificate, 120g x 1mg, 110-240V	1/Ea
20A00H242	TS-B-502, Precision Balance with Calibration Certificate, 500g x 0.01g, 110-240V	1/Ea
20A00H243	TS-B-1502, Precision Balance with Calibration Certificate, 1500g x 0.05g, 110-240V	1/Ea
20A00H244	TS-B-3001, Precision Balance with Calibration Certificate, 3000g x 0.1g, 110-240V	1/Ea
20A00H245	TS-B-6000, Precision Balance with Calibration Certificate, 6000g x 1g, 110-240V	1/Ea



TS-B Series Basic Portable Laboratory Balances

- Five-Year Warranty
- Portable
- Simple Operation
- Oversized Draft Shield with a stainless-steel lift off cover is standard on the TS-B-123
- Plastic Weigh Bowl
- Stainless Steel Weigh Pans are easy to remove for cleaning
- Rugged, built to last
- Priced Right

Economical weighing for educational and general laboratory use.

Balances & Weights



Thomas No.	Description	QTY
1160U29	Precision Balance, 1000g x 0.01g, 110-240V	1/Ea
1160U30	Precision Balance, 3000g x 0.01g, 110-240V	1/Ea
1160U31	Precision Balance, 3000g x 0.1g, 110-240V	1/Ea

TS-E Series Economy Laboratory Balances

Thomas Scientific Calibration Weights are solid construction and made with non-magnetic stainless steel. OIML E2 can be used as a reference standard in calibrating other weights and is appropriate for calibrating high-precision analytical balances with a readability as low as 0.1 mg to 0.01 mg. All weights include a certificate of accuracy.

*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Toploading-Balances/_/TS-E-Series-Economy-Laboratory-Balances

TS-L Series Standard Laboratory Balances

- Standard weighing
- Highly precise measurement
- Precise Measurement and Repeatability
- Easy-to-Read Information Arrangement
- USB and RS-232 Interface
- Direct Access to Selected Functions
- User-friendly Draft Shield
- Five-year warranty included on all models



Thomas No.	Description	QTY
1160U00	TS-L-363 Precision Balance, 360g x 1mg, 110-240V	1/Ea
1160U01	TS-L-603 Precision Balance, 600g x 1mg, 110-240V	1/Ea
20A00H227	TS-L-363, Precision Balance with Calibration Certificate, 360g x 1mg, 110-240V	1/Ea

*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Analytical-Balances/_/TS-L-Series-Standard-Laboratory-Balances

TS-LC Series Standard Laboratory Balances

- Standard weighing
- Highly precise measurement
- Precise Measurement and Repeatability
- Easy-to-Read Information Arrangement
- USB and RS-232 Interface
- Direct Access to Selected Functions
- User-friendly Draft Shield
- Five-year warranty included on all models



Thomas No.	Description	QTY
1160T87	TS-L-164.C Analytical Balance, 160g x 0.1mg, 110-240V	1/Ea
1160T90	Precision Balance, 360g x 1mg, 110-240V	1/Ea
20A00H217	TS-L-363.C, Precision Balance with Calibration Certificate, 360g x 1mg, 110-240V	1/Ea

*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Analytical-Balances/_/TS-LC-Series-Standard-Laboratory-Balances

Thomas No.	Description	QTY
1160U19	Precision Balance, 200g x 1mg, 110-240V	1/Ea
20A00H247	TS-P-602, Precision Balance with Certificate, 600g x 0.01g, 110-240V	1/Ea
20A00H252	TS-PH-2002.C, Precision Balance with Internal Calibration & Certificate, 2000g x 0.01g, 110-240V	1/Ea

TS-LN Series Standard Laboratory Balances with NTEP Certification

- Standard weighing with NTEP Certified Balance
- Legal for Trade
- Precise Measurement and Repeatability
- Easy-to-Read Information Arrangement
- USB and RS-232 Interface
- User-friendly Draft Shield
- Five-year warranty included on all models



*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Analytical-Balances/_/TS-LN-Series-Standard-Laboratory-Balances-with-NTEP-Certification



TS-P Series Portable Laboratory Balances

- Large, Easy-to-see Backlit LCD Display is ideal for dimly lit work locations.
- Multiple Weigh Modes
- Removable Draft Shield
- Stainless Steel Weigh Pans are easy to remove for cleaning
- Rugged, Built to last
- Priced Right
- Five-Year Warranty



The labForce® TS-P Series balances are ideal for educational, light industrial, and general laboratory applications or anywhere that accuracy and portability is required.

Thomas No.	Description	QTY
1160U19	Precision Balance, 200g x 1mg, 110-240V	1/Ea
20A00H246	TS-P-203, Precision Balance with Certificate, 200g x 1mg, 110-240V	1/Ea
20A00H252	TS-PH-2002.C, Precision Balance with Internal Calibration & Certificate, 2000g x 0.01g, 110-240V	1/Ea

*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Analytical-Balances/_/TS-LN-Series-Standard-Laboratory-Balances-with-NTEP-Certification

Thomas No.	Description	QTY
1160T80	Precision Balance, 360g x 0.1mg, 100-240V	1/Ea
20A00H207	TS-T-363.C, Precision Balance with Certificate, 360g x 0.1mg, 100-240V	1/Ea
20A00R902	TS-T-8102.C, Precision Balance, 8100g x 0.01g, Internal Cal, 100-240V	1/Ea

TS-T Series Advanced Laboratory Balances

- Advanced weighing performance
- Maximum ease of operation
- Ease of operation due to 5" capacitive touchscreen
- Personalization taken to the next level
- Unlimited possibilities of communication
- Ergonomics of operation
- Data safety
- Weighing data management
- Five-year warranty included on all models



*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Analytical-Balances/_/TS-T-Series-Advanced-Laboratory-Balances

TS-U Series Ultra-Microbalances and Microbalances

- Advanced weighing performance
- Maximum ease of operation
- Ease of operation due to 5" capacitive touchscreen
- Personalization taken to the next level
- Unlimited possibilities of communication
- Ergonomics of operation
- Data safety
- Weighing data management
- Five-year warranty included on all models



Thomas No.	Description	QTY
1160U38	Ultra-Micro Balance, 2.1g x 0.1µg, 100-240V	1/Ea
1160U40	Micro Balance, 5.1g x 1µg, 100-240V	1/Ea
1160U41	Micro Balance for Filters, 5.1g x 1µg, 100-240V	1/Ea

*For more sizes, please visit thomassci.com

www.thomassci.com/Instruments/Micro-And-Semi-Micro-Balances/_/TS-U-Series-Ultra-Microbalances-and-Microbalances

Thomas No.	Description	QTY
1160U35	Moisture Balance, 50g x 0.1mg/0.0001%, 110V	1/Ea
1160U36	Moisture Balance, 50g x 1mg/0.001%, 110V	1/Ea
1160U37	Moisture Balance, 210g x 1mg/0.001%, 110V	1/Ea

TS-U Series Ultra-Microbalances and Microbalances

- Highest-level functionality for professional drying processes and moisture content analysis
- Versatility of Applications
- Ease and Comfort of Operation
- Precision of Mass Measurement in all Thermal Conditions
- Drying Temperature Optimization
- Drying Process Visualization
- Database as Drying Processes Backup
- A Three-Year Warranty is included with all labForce® Moisture Analyzers



Rockers & Shakers

Thomas No.	Description	QTY
1154J57	With flat mat, 13.5x13" platform, 100-240V (US Plug)	1/Ea
1154J58	With flat mat, 13.5x13" platform, 100-240V (European plug)	1/Ea

3D Rockers

- Undulating, 3-dimensional motion
- Adjustable speed and tilt angle
- Large, 13-inch platform
- Ideal for staining, washing & general mixing

The labForce® 3D Rocker combines the basic rocking motion of traditional platform rockers with the circular motion of an orbital shaker.



BioRocker™ 2D Rockers

- Adjustable speed & tilt for a wide range of applications
- Large 14 x 12 in. work surface
- Cold room and incubator safe

The labForce® BioRocker™ 2D is designed to provide the precise speeds and tilt angles required for a broad range of molecular and biological mixing applications. The user can adjust both parameters to match the vessel size and the volume of liquid being mixed, yielding optimum results.



Thomas No.	Description	QTY
1154J70	Variable speed, 14x12" platform with flat mat, 115V	1/Ea
1154J71	Variable speed, 14x12" platform with flat mat, 230V	1/Ea

BioRocker™ 3D Mini Rockers

- Optimized speed and tilt for gel blotting, washing & staining
- Tri-directional motion for thorough, gentle mixing
- Cold room and incubator safe

BioRocker 3D Mini Rockers are supplied with autoclavable flat mats and are ideal for blot washes and gel staining/ destaining. The Mini Rocker is supplied with a 10.5 x 7.5-inch platform.



Thomas No.	Description	QTY
1154J96	Fixed Speed, 10x7.5" platform with flat mat, 115V	1/Ea
1154J97	Fixed Speed, 10x7.5" platform with flat mat, 230V	1/Ea

BioRocker™ 3D Nutating Shakers

- Adjustable speed & tilt for a wide range of applications
- Large 12 x 12 in. work surface
- Insta-TILT™ technology for instant adjustment to the tilt angle
- Cold room and incubator safe

This model includes both flat and dimpled (autoclavable) mats for mixing a wide variety of tubes and other vessels.



Thomas No.	Description	QTY
1154J72	Variable speed, 12x12" platform with 2 mats, 115V	1/Ea
1154J73	Variable speed, 12x12" platform with 2 mats, 230V	1/Ea

BioRocker™ 3D Rockers

- Optimized speed and tilt for gel blotting, washing & staining
- Tri-directional motion for thorough, gentle mixing
- Cold room and incubator safe

These labForce® BioRocker™ 3D Rockers provide the perfect 3-dimensional motion for all blot related applications. Their tilt angle and speed have been optimally set for gentle, but thorough mixing in gel trays, boxes, and other flat vessels.



Thomas No.	Description	QTY
1154J98	Fixed Speed, 12x12" platform with flat mat, 115V	1/Ea
1154J99	Fixed Speed, 12x12" platform with flat mat, 230V	1/Ea

Rockers & Shakers



BioRocker™ FX Platform Rocker

- Optimized for blot washing and gel staining
- Gentle mixing, 12 rpm / +/-8° tilt
- Cold room and incubator safe

The labForce® BioRocker™ FX Platform Rocker is an economical "workhorse" rocker, designed for common molecular lab applications such as blotting, staining/destaining, etc.



Thomas No.	Description	QTY
1154J80	Platform Rocker, Fixed Speed, 12x12" with flat mat, 115V	1/Ea

Thomas No.	Description	QTY
1154J74	BioRocker Compact Tube Rocker, 115V	1/Ea
1154J75	BioRocker Compact Tube Rocker, 230V	1/Ea

BioRocker™ FX Tube Rocker

- Ideal for tube sizes 1.5ml to 50ml
- Optimized speed and tilt angle for thorough mixing in sample tubes
- Cold room and incubator safe
- No adapters or mounting hardware required

Small in size (only 5 x 13 inches) and able to withstand temperatures from 4°C to 65°C, the BioRocker is small enough to fit on any lab bench and can conveniently be placed inside a cold room, refrigerator or laboratory incubator.



BioRocker™ XL 3D Rocker

- Extra-large 16 x 12 in. work surface
- Stainless-steel platform
- Cold room and incubator safe

The rocking speed and tilt angle can easily be adjusted to vary between gentle and aggressive agitation. Both the standard platform and the (optional) stacking platform are constructed of stainless steel, preventing against any rusting or corrosion.



Thomas No.	Description	QTY
1154J78	With flat mat, 100-240V (US Plug)	1/Ea
1154J79	With flat mat, 100-240V (European Plug)	1/Ea

Thomas No.	Description	QTY
1165U09	Microplate Shaker, 2-Plate Capacity	1/Ea

Microplate Shaker

- Simple screw attachments allow quick and easy fitting of any standard depth 96- or 384-well plates, holding the plates securely in place
- Standard platform for two microplates, included
- 2-year warranty
- Power Pac is UL, CSA and CE marked

Reliable, regulated shaking for two microplates.



Microplate Shaker

- Digital speed control up to 1500 rpm
- 3mm orbit for thorough mixing in microplates
- Includes platform for up to 4 microplates
- Cold room and incubator safe

The labForce® Microplate Shaker is designed with a 3mm mixing orbit, optimized for thorough mixing of microplates and/or PCR plates.



Thomas No.	Description	QTY
1154J76	Microplate Shaker with 4 position microplate platform, 100-240V (US plug)	1/Ea
1154J77	Microplate Shaker with 4 position microplate platform, 100-240V (European plug)	1/Ea

Rotators & Shakers

Thomas No.	Description	QTY
1165U05	Mini Tube Rotator with Carousel for 36 x 1.5/2.0mL tubes	1/Ea

Mini Tube Rotators

- A Variable Speed with LCD display
- Includes Carousel for 36 x 1.5/2.0mL tubes
- Provides complete 360° Rotation
- An adjustable 0-90° Mixing Angle
- Interchangeable carousels for all common laboratory tubes
- Cold Room and Incubator compatible
- AC Adapter marked with UL/CSA and CE markings



Tube Rotator

- Digital Microprocessor Control
- Adjustable speed provides gentle or vigorous mixing action
- Adjustable angled head offers mixing angles from 90°-180°
- Timer features offers time-down or time-up counting feature
- Power pac is UL, CSA and CE approved
- 2 Year warranty

labForce®'s Laboratory Tube Rotator is ideal for Biochemistry, Molecular Biology and Clinical applications. Provides gentle or vigorous mixing. Supplied with a carousel for 14 x 50mL tubes.

Thomas No.	Description	QTY
1165U04	Tube Rotator with Carousel for (14) 50mL tubes	1/Ea

Orbital Shaker

- Small footprint, reciprocating/orbital shaker
- Smooth horizontal orbital motion for mixing in bottles, flasks, and beakers
- Soft start and noise-free operation
- Platform is not included
- Can be used in an incubator 4°C to 40°C
- Power Pack is CSA, UL, CE approved
- Platform sold separately.

Optimal for mixing bottles, flasks, and beakers due to the smooth horizontal motion.

Thomas No.	Description	QTY
1165U07	Orbital Shaker Base, 12V DC	1/Ea
1165U08	Flat Platform with Rubber Mat	1/Ea





Variable Speed Mini Orbitron™ Nutating Mixer

- Variable speed from 4-24 rpm's
- Low profile and small footprint minimize bench space
- Extremely quiet
- Provides gentle, continuous mixing of specimens
- Accommodates a variety of blood tubes and centrifuge tubes
- Includes one rubber dimple pad. Can be washed with mild soap and water.
- Also, can be autoclaved.



Thomas No.	Description	QTY
1165U03	Variable Speed Small Nutating Mixer, 4-24 RPM	1/Ea

Vortexer V-32 Advanced Vortex Mixer

- Unique Multi-Head™ for general purpose vortexing PLUS holds up to eight microtubes
- Powerful motor for INSTANT vortexing
- Continuous or "touch" operation
- Q-Drive™ dynamic balancing system
- Variable speed from 200 to 3400 rpm

Other features include: "no-walk" suction feet, cold room/incubator compatibility and spill-proof electronic controls. Two-year warranty.



Thomas No.	Description	QTY
1154J84	Vortexer V-32 Advanced Vortex Mixer, 115V	1/Ea
1154J85	Vortexer V-32 Advanced Vortex Mixer, 230V	1/Ea

Vortexer V-32 Vortex Mixers

- Powerful motor for INSTANT vortexing
- Continuous or "touch" operation
- Q-Drive™ dynamic balancing system
- Variable speed from 200 to 3200 rpm

The Vortexer V-32 sets the new standard in vortex mixing. With advanced Q-Drive™ technology, the Vortexer V-32 provides smooth instant vortexing of even the largest sample sizes, including full 50ml tubes.

Thomas No.	Description	QTY
1154J82	Vortexer V-32 Vortex Mixer, 115V	1/Ea
1154J83	Vortexer V-32 Vortex Mixer, 230V - EUROPEAN PLUG	1/Ea



Mixers & Stirrers



Vortexer V-32 Advanced Vortex Mixer

- Powerful vortexing for tubes up to 50ml
- Insta-Touch pressure activated operation
- "Mini Sized", less than 4 in. wide
- Available in five color configurations

Insta-Touch operation means that the motor is automatically activated with slight pressure on the center cup head.

Thomas No.	Description	QTY
1154J86	Mini Vortexer, Gray Cup Head, 100 to 240V (US Plug)	1/Ea
1154J87	Mini Vortexer, Gray Cup Head, 100 to 240V (European Plug)	1/Ea

*For more sizes, please visit thomassci.com
www.thomassci.com/Equipment/Vortexers/ /Miniature-Vortex-Mixers

Tap Dancer Mini Tube Vortex Mixer

- Pressure sensitive cup
- Continuous or touch operation
- Rubber suction pads prevent walking, absorb vibration
- Low voltage supply for safe cold room uses
- Power pack is UL, CSA and CE approved
- 2 Year warranty

Compact, with low profile and small footprint.

Thomas No.	Description	QTY
1165U06	Tap Dancer Mini Tube Vortex Mixer, 12V DC 0.5 A via 115/230V AC adapter	1/Ea



Digital and Magnetic Stirrers

- Temperature Range: Ambient + 5 to 400°C
- Speed Range: 150 to 1500 rpm
- Platform: 10 x 10 in. (25.4 x 25.4 cm)
- Dimensions: 11.6 x 16.7 x 4.5 in. / 29.5 x 42.4 x 11.4 cm
- Operating Temp. Range: +4°C to 65°C
- Stir Capacity: 15 L
- Electrical: 115V or 230V, 50-60 Hz, 750W

In addition, the powerful motor drive system ensures efficient mixing in larger and more viscous samples.



Thomas No.	Description	QTY
20A00H163	Digital Hotplate Stirrer 10 x 10-in, 115V	1/Ea
20A00H165	Digital Hotplate 10 x 10-in, 115V	1/Ea

*For more sizes, please visit thomassci.com
www.thomassci.com/Equipment/Hot-Plates/ /Digital-and-Magnetic-Stirrers



Digital and Hotplate Magnetic Stirrer

- Larger top plate (7 x 7")
- Higher temperature range (up to 400°C)
- Larger stir capacity (up to 5L)
- More powerful and reliable heating element
- Molded aluminum base/housing

With a square 7in. work surface, all models are compatible with a wide variety of popular sizes of borosilicate glass beakers, flasks, bottles, and other vessels.



Thomas No.	Description	QTY
1140K86	labForce® Digital Hotplate Magnetic Stirrer, 115V	1/Ea
1140K89	labForce® Digital Hotplate, 230V	1/Ea

*For more sizes, please visit thomassci.com
www.thomassci.com/Equipment/Hot-Plates/ /Digital-Hotplates-Stirrers-and-Hotplate-Stirrers



Digital Hotplate, 230V, European Cord

- Large, backlit LCD display
- Ceramic work surface, 6.5 x 6.5 in.
- Safety LED indicates hot surface
- Three models: heat-stir, heat only or stir only

With a square 6.5 in. work surface, all three models are compatible with a wide variety of popular sizes of borosilicate glass beakers, flasks, bottles, and other vessels.

Thomas No.	Description	QTY
20A00U717	labForce® Digital Hotplate 230V, European cord	1/Ea

Hotplates, Stirrers and Hotplate Stirrers

- Ceramic work surface, 7.1 x 7.1 in.
- Stir speed from 60 to 1500 rpm
- Temperature controls up to 380°C
- Three models: heat-stir, heat only or stir only

labForce® hotplates, stirrers and hotplate-stirrers feature an exceptionally durable, aluminum material with a chemical resistant white ceramic work surface.



Thomas No.	Description	QTY
1154K06	Hotplate Magnetic Stirrer, 115V	1/Ea
1154K08	Hotplate, 115V	1/Ea

*For more sizes, please visit thomassci.com
www.thomassci.com/Equipment/Hot-Plates/ /Hotplates-Stirrers-and-Hotplate-Stirrers

Magnetic Induction Stirrer

- Capacity: 3 liters plus an easy-to-read digital display precisely controls time (30 seconds to 60 minutes) and speed (10 to 2,000 rpm)
- Rapid acceleration and braking (less than 10 seconds) to quickly meet stirring speed requirements
- Speed remains constant, even when load changes
- Two stir bars included (35 mm x 12 mm) have PTFE coating for chemical resistance
- Safety certified and approved: CE, SGS, RoHS2, WEEE
- Patent information: Community Design No: 003515337-0001-0002 Euro. Pat. App. 3 246 088 US Design Patent No. D814,045



Thomas No.	Description	QTY
1152A32	Magnetic Induction Stirrer, Gray/Blue	1/Ea
20A00M205	Magnetic Induction Stirrer Replacement Power Adapter	1/Ea

Bottle Top Dispensers



Thomas No.	Description	QTY
22A00H933	labForce® Bottle Top Dispenser .25 - 2.5ml with Recirculation Valve	1/Ea
22A00H934	labForce® Bottle Top Dispenser .5 - 5ml with Recirculation Valve	1/Ea
22A00H935	labForce® Bottle Top Dispenser 1 - 10ml with Recirculation Valve	1/Ea
22A00H936	labForce® Bottle Top Dispenser 2.5 - 30ml with Recirculation Valve	1/Ea
22A00H937	labForce® Bottle Top Dispenser 5 - 60ml with Recirculation Valve	1/Ea
22A00H938	labForce® Bottle Top Dispenser 10 - 100ml with Recirculation Valve	1/Ea
22A00H679	labForce® Bottle Top Dispenser 1 – 10ml for Hydrofluoric Acid	1/Ea
22A00H680	labForce® Bottle Top Dispenser 2.5 – 30ml for Hydrofluoric Acid	1/Ea
22A00H681	Discharge Tube for labForce®BTD 1-10ML Nozzle	1/Pk
22A00H682	Discharge Tube for labForce®BTD 10-100ML Nozzle	1/Pk
22A00H683	Adapter Assortment Dispenser	5/PK
22A00H684	labForce® BTD Bottle Adapter 28MM	3/Pk
22A00H685	labForce® BTD Bottle Adapter 32MM	3/Pk
22A00H686	labForce® BTD Bottle Adapter 38MM	3/Pk
22A00H687	labForce® BTD Bottle Adapter 40MM	3/Pk
22A00H688	labForce® BTD Bottle Adapter 45MM	3/Pk
22A00H689	labForce® BTD Inlet Tube (310mm)	5/Pk
22A00H690	labForce® BTD Inlet Tube (450mm)	5/Pk



Benefits of Lab Equipment Financing

- Low monthly payments
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- Free up working capital: Financing with Thomas Scientific & North Star Leasing improves cash flow by enabling increased productivity while keeping your funds liquid.
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- Section 179 tax code advantages: This has been a great advantage to businesses for years, but did you know when it's combined with equipment financing, it can save you thousands and increase cash flow?

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1. Online App
2. Approved in 2-4 hours
3. E-Signed Docs
4. Equipment Received

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North Star Leasing offers a wide range of financing programs to meet unique business needs.

- 24 to 60-month finance terms
- 100% financing - equipment, tax & delivery
- Start-ups & established businesses funded
- Flexible & customized financing programs
- \$1.00 ownership transfer
- Service available to US and Canada-based customers only

[Thomassci.com/Equipment-Financing](https://thomassci.com/Equipment-Financing)

Meters



Benchtop pH Meters

■ Accuracy: ± 0.01 pH, Range: -2.00-19.99 pH, ATC, Auto Calibration with automatic buffer recognition. Uses advanced digital filtering technology for improved response time and accuracy.

Thomas No.	Description	QTY
1147H69	ISE500 Benchtop pH/ISE Meter only	1/Ea
1147H70	ISE500 Benchtop pH/ISE Meter Kit	1/Ea
1147H71	DO700 Benchtop pH/DO Meter only (Meter DO700, ATC-01, DO-01 Electrode, Flexible Arm Electrode Holder, power adapter, cable & software), 9V	1/Ea
1147H72	DO700 Benchtop pH/DO Meter Kit (Meter DO700, ATC/pH Electrode PH-02, ATC-01, DO-01 Electrode, Flexible Arm Electrode Holder, power adapter, cable & software), 9V	1/Ea
1147H73	M1000 Benchtop pH/mV/ISE/Cond./DO Meter only	1/Ea
1147H74	M1000 Benchtop pH/mV/ISE/Cond./DO Meters Kit	1/Ea



PH100 Benchtop pH Meters

- Accuracy: ± 0.01 pH, Range: -2.00-19.99 pH, ATC, Auto Calibration with automatic buffer recognition. Uses advanced digital filtering technology for improved response time and accuracy.
- 3 measurement modes: stable measurement display mode, timing measuring mode, and continuous measuring mode.
- GLP standard data management, 500 data sets of storage, manual/auto timing storage, RS232 data output.

Thomas No.	Description	QTY
1147H63	PH100 Benchtop pH Meter only	1/EA
1147H64	PH100 Benchtop pH Meter Kit	1/EA
1147H65	PH100 Benchtop pH Meter Kit	1/EA

PC300 Benchtop pH/Conductivity Meters

- 3 measurement modes: stable measurement display mode, timing measuring mode, and continuous measuring mode.
- GLP standard data management, 900 data sets of storage, manual/auto timing storage, RS232 data output.
- Uses advanced and original conductivity measurement technology; the conductivity electrode (K=1) can measure between $0.5\mu\text{S}/\text{cm}$ - $200\text{mS}/\text{cm}$ by using only one-point calibration.

Thomas No.	Description	QTY
1147H66	PC300 Benchtop pH/Conductivity Meter only	1/EA
1147H67	PC300 Benchtop pH/Conductivity Meter Kit	1/EA
1147H68	PC300 Benchtop pH/Conductivity Meter Kit	1/EA



PH200 Portable pH Meters

The meter has a ± 0.01 pH accuracy in a range of -2.00-19.99 pH., with 0-100°C Automatic Temperature Compensation (ATC), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions and supports stable reading/auto-hold display mode.

Thomas No.	Description	QTY
1147H75	PH200 Portable pH Meter only	1/EA
1147H76	PH200 Portable pH Meter Kit	1/EA

Thomas No.	Description	QTY
1147H77	PC200 Portable pH/Conductivity Meter only	1/EA
1147H78	PC200 Portable pH/Conductivity Meter Kit	1/EA

PC200 Portable pH/Conductivity Meters

Data Processing: GLP standard data management, 500 data sets of storage, manual/auto timing storage, USB charging and data output, data protection in case of power outage.

Rugged Design: White backlit large LCD, the foldable stand allows use as a benchtop meter, soft silicone case gives you a good grip, connector protection cap, IP57 waterproof, battery and/or USB power supply.



PH200 Portable Meter Kit for Beverage Making

The labForce TS-B200 Portable pH Meter is designed for professional pH measurement of for brewing, such as beer, wine, kombucha, juice, etc.

The 3-in-1 Glass pH/Temperature Electrode adopts a Long-Life reference system, and a patented pH/temp. dual sensor structure, making precise beverage pH measurement easier than ever.

Thomas No.	Description	QTY
1147H86	Portable pH Meter for Beverage Making	1/EA

PH200 Portable Meter Kit for Dairy Products

The TS-D200 Portable pH meter for dairy products and liquid food has a ± 0.01 pH accuracy in a range of 0-14 pH, and Temperature Range: -5 to 100°C (23 to 212°F), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions, Auto. Temp. Compensation and supports stable reading/auto-hold display mode.

It also incorporates Smart Self Diagnosis of out-of-range measurements, incorrect calibrations, and electrode invalidation warnings. Other functions include calibration reminders, calibration date checking, easy parameter setting.

Thomas No.	Description	QTY
1147H82	Portable pH Meter for Dairy Product like Milk, Yogurt, and Cream	1/EA



Meters



PH200 Portable Meter Kit for Food & Dairy

The meter has a ± 0.01 pH accuracy in a range of -2.00-19.99 pH, with 0-100°C Automatic Temperature Compensation (ATC), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions, and supports stable reading/auto-hold display mode.

The meter's digital filter technology improves response time and accuracy.

Thomas No.	Description	QTY
1147H79	Portable Food pH Meter Kit (PH200 Meter, Spear pH/Temp. Electrode, buffers, USB cable, software disk & Carrying Case)	1/EA

PH200 Portable Meter Kit for Meat

The meter has a ± 0.01 pH accuracy in a range of -2.00-19.99 pH, with 0-100°C Automatic Temperature Compensation (ATC), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions, and supports stable reading/auto-hold display mode.

The meter's digital filter technology improves response time and accuracy.



Thomas No.	Description	QTY
1147H80	Portable Meat Blade Spear pH Meter Kit	1/EA



PH200 Portable Meter Kit for Soil

This soil pH meter has a ± 0.01 pH accuracy in a range of 0-14 pH, and Temperature Range: -5 to 100°C (23 to 212°F), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions, Auto. Temp. Compensation and supports stable reading/auto-hold display mode.

Thomas No.	Description	QTY
1147H84	Portable pH Meter for Soil Test	1/EA

PH200 Portable Meter Kit for Test Tubes & Small Samples

The meter has a ± 0.01 pH accuracy in a range of 0-14 pH, and Temperature Range: -5 to 100°C (23 to 212°F), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions, Auto. Temp. Compensation and supports stable reading/auto-hold display mode.



Thomas No.	Description	QTY
1147H85	Portable pH Meter for Small Samples	1/EA

PH200 Portable Meter Kit for Waste Water

The meter has a ± 0.01 pH accuracy in a range of 0-14 pH (Temp. Range: -5 to 80°C), Auto Calibration with auto recognition of up to 12 kinds of buffer solutions, Auto. Temp. Compensation and supports stable reading/auto-hold display mode.

Thomas No.	Description	QTY
1147H83	Portable pH Meter for Wastewater Treatment	1/EA



Thermometers



Traceable® Excursion-Trac™ Datalogging Thermometers

- Datalogging thermometer with user-defined time intervals
- Stores up to 10 unique alarm events
- Meets current CDC requirements for vaccine storage and monitoring
- Rolling memory structure, maintains most recent 525,600 temperature observations
- Memory can be cleared on unit after downloading data to USB stick
- Hassle-free retrieval of data - unit can remain in use while downloading and analyzing data
- Status indicators - Low battery, memory full, USB data transfer and active alarm state

Thomas No.	Description	QTY
1165P07	Traceable® LN2 Excursion-Trac™ Datalogging Thermometer, 1 stainless steel probe	1/Ea
1165P08	Traceable® LN2 Excursion-Trac™ Datalogging Thermometer, 2 stainless steel probes	1/Ea
1198D76	Traceable® Excursion-Trac™ Datalogging Thermometer, 1 bottle probe	1/Ea
1198D77	Traceable® Excursion-Trac™ Datalogging Thermometer, 2 bottle probes	1/Ea

*For more options, visit thomassci.com:

https://www.thomassci.com/Instruments/Digital-Thermometers/_/Traceable-Excursion-Trac-Datalogging-Thermometers

Thomas No.	Description	QTY
1208T81	Traceable® Platinum Ultra-Accurate Digital Thermometer with Handle Probe	1/Ea
1208T83	Accessory Handle Probe Low-Temp Cryo Platinum Stainless, Range -196°C to 150°C	1/Ea
1208T84	Accessory Bullet™ Probe Low-Temp Cryo Platinum Stainless, Range -196°C to 150°C	1/Ea

Traceable® Platinum Ultra-Accurate Digital Thermometer

- Platinum sensor insures linear response and high accuracy across the entire range
- Meter range -200.00° to 500.000°C (-328.00° to 932.000°F), resolution 0.001° or 0.0001°, accuracy ±0.05°C or 0.05% between -80 to 290°C
- High-precision unit is designed for years of reliable service even in severest environments
- Ideal for foods, pharmaceuticals, petroleum products, wastewater, gas systems, soil, ovens, electronics manufacturing
- Membrane-covered keys are splash-proof and easy to operate
- Decimal-placement key changes display to show one, two, three, or four significant numbers after decimal
- Internal data logger automatically captures MIN/MAX readings every hour for last 24 hours



Traceable® Memory Monitor Thermometer

- Min and max temperature memory
- Hi and low temperature alarm
- May be used for liquids, air/gas, semi-solids, water baths and refrigerators

Most popular thermometer Accurately monitor temperatures in freezers, water baths, heating blocks, incubators, and refrigerators with this enclosed temperature-buffered sensor.

Thomas No.	Description	QTY
9338E60	Memory Monitor Thermometer	1/Ea

Thomas No.	Description	QTY
1208T91	Traceable® Memory-Card Humidity/Temperature/Dew Point	1/Ea

Traceable® Memory-Card Humidity/ Temperature/Dew Point

- Unit captures 5.9 million readings with 256 mb removable SD memory card
- Portable card reader with USB connector plugs into any computer—no software to install
- Memory card text file shows date, time-of-day, and all sensor readings in a single line
- Alarm features beeps and flashes a bright red LED when temperature, humidity, and dew point rise above or fall below user-set trip points, alarm sets in 0.1 increments
- Unique 4-line display simultaneously shows ambient temperature, humidity, dew point and time-of-day



Thermometers

Traceable Kangaroo™ Thermometer

Traceable Kangaroo™ Thermometer carries the 42-inch probe-cable in a reel-compartment pouch in the back of the unit. The Traceable Kangaroo™ is the perfect carry-around unit fits in any pocket or use the convenient flip-open stand.

Intuitive, never-read-the-instructions operation allows every user to record identical results. Range is -58.0 to 572°F and -50.0 to 300°C with a resolution of 0.1° (between -19.9 to 199.9) otherwise 1° and an accuracy of ±1°C (between -30 and 250°C) otherwise ±2°C.

High and low alarm may be programmed in 1° increments. Alarm sounds every minute until temperature returns to non-alarm condition.



Thomas No.	Description	QTY
1230N27	Kangaroo Thermometer	1/Ea



Traceable® Lollipop Shock/Waterproof Thermometer

Traceable® Lollipop thermometers are suitable for use indoors or outdoors, in wet labs and virtually all field applications.

Temperature resolution is 0.1° from -20° to 200°, otherwise 1°. Accuracy is ±0.4°C or ±1°C between 0° and 100°C. Stainless steel dimensions are 8 x 0.14 inch diameter while overall size is 10 1/4" x 1 3/4" x 1/2". Weight is 7/8 of an ounce.

Thermometers are provided with an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

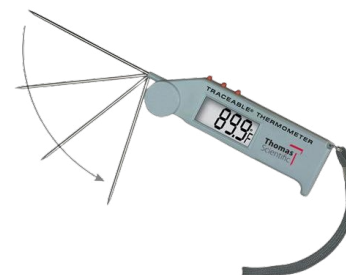
Please note: The aforementioned A2LA accreditation belongs to the manufacturer, not Thomas Scientific.

Thomas No.	Description	QTY
1235D23	Traceable® Waterproof Thermometer±1°C Accuracy	1/Ea
1235D30	Traceable® Waterproof Thermometer±0.4°C Accuracy	1/Ea

Traceable® Flip-Stick Thermometers

New flip-to-open design is easy to use. Stainless-steel probe may be positioned at any angle. Fold-up, protected probe permits carrying on the wrist strap or in a pocket. Big-digit, 3/4-inch-high display may be viewed at a glance. Shockproof in drop tests up to 5 feet.

Features include °F/°C switch, minimum and maximum memory readings over any time period, and a HOLD switch (freezes the display to capture a temperature). Wide range covers 99 percent of routine temperature measurements: -58 to 572°F and -50 to 300°C. Resolution is 0.1° from -20 to 200° (1° outside this range). Accuracy is ±1°C between -20 and 100°C. Ultra™ model accuracy is ±0.3°C at tested points.



Thomas No.	Description	QTY
1235D24	Traceable® Flip-Stick Thermometer, Accuracy ±1°C	1/Ea
1235D13	Traceable® Flip-Stick Thermometer Ultra, Accuracy ±0.3°C	1/Ea

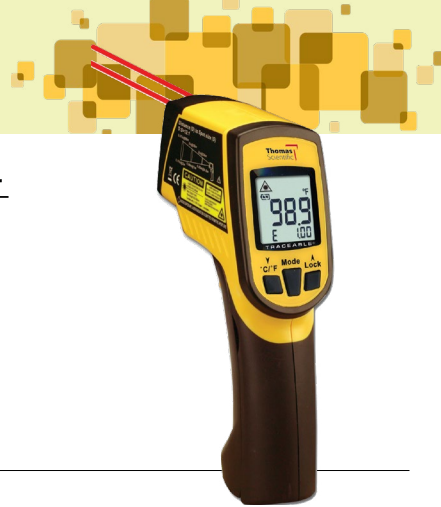


Traceable® Infrared Thermometer Gun

- Laser-beam sighting
- Fast readings
- Range: -76 to 932°F and -60 to 500°C
- Resolution: 0.1°
- Accuracy: ±2°C or 2% of reading, whichever is greater
- Emissivity: fixed at 0.95
- Field view: 11:1
- Display type: 1/4" digits, LCD

Thomas No.	Description	QTY
1235D35	Thermometer, Infra-Red, Traceable® Gun	1/Ea

Thermometers



Thomas No.	Description	QTY
1222W11	Traceable® Infrared Dual Lasers Thermometer w/ Type-K Probe	1/Ea

Traceable® Infrared Dual Lasers Thermometer w/Type-K Probe

- Temperature range is -76 to 1022°F and -60 to 550°C
- Resolution is 0.1°
- Accuracy is ±2% or 2°C + 2%
- Size is 7 x 3-3/4 x 2 inches
- Weight is 9 ounces



Traceable® Infrared Dual Lasers Thermometer w/Type-K Probe

Traceable® Infrared Dual Laser Thermometer, operation is simple—turn on, point at sample, and take a reading in less than a second. Dual lasers indicate the outer diameter of the surface area being measured and the white LED light illuminates the surface.

Field of view is 12:1 (for example, at a distance of 24 inches the reading spot size is 2 inches). Unit reads both Fahrenheit and Celsius of any surface—solids, semi-solids, and liquids. Non-invasive, no-touch, measurements are ideal for food, life sciences, pharmaceuticals, petroleum products, clean rooms, electronics, and field use. Temperature range is -76 to 1022°F and -60 to 550°C. Resolution is 0.1°. Accuracy is ±2% or 2°C + 2%.

Thomas No.	Description	QTY
1226L99	Jumbo Display Memory Refrigerator/ Freezer Thermometer	1/Ea
1226M00	Jumbo Display Refrigerator/ Freezer with bottle probe (patented)	1/Ea
1226M01	Jumbo Display Refrigerator/ Freezer Vaccine Thermometer	1/Ea

Traceable Big-Digit Thermometer

- Easy-view, 1 1/8"-high jumbo digits
- NIST traceable
- User selectable °F/°C

Large display can be read from up to 25 feet away. The dual display permits reading ambient and probe temperatures simultaneously. The Min/Max memory feature allows storage of high/low temperature records overnight, on weekends or for any period of time. Min/Max readings can be displayed or reset at the touch of a button. External sensor also provides accurate readings underwater. "Always on" instrument makes constant readings.



Thomas No.	Description	QTY
9338E70	Traceable Big-Digit Thermometer	1/Ea

Traceable® Workhorse Thermometer

- Wide range Type-K
- Front-panel adjustable offset
- 0.1° resolution

Type-K Workhorse Thermometer provides a sharp readout in dim and very bright light, long battery life (150 to 200 continuous hours), high accuracy, wide temperature range, and a new chip design.

Type-K range is -58.0 to 2372°F and -50.0 to 1300°C. Resolution is 0.1° between ±50.0 to 200.0 and 1° elsewhere.

Meter accuracy is ±(1°C + .75%) between 0 to 500°C; ±(1°C + 1%) 500 to 750°C; ±(1°C + 2%) 750 to 1000°C; ±(3°C + 4%) 1000 to 1200°C; ±2°C at -20; ±3°C at -40; and ±4°C at -50.



Thomas No.	Description	QTY
1230N26	Workhorse Thermometer	1/Ea

Thermometers

Thomas High-Accuracy Thermometer

Thomas No.	Description	QTY
1227U03	Thermometer Refrigerator Hi-Acc w / 1 Bottle Probe	1/Ea
1227U04	Thermometer Refrigerator Hi-Acc w/2 Bottle Probe	1/Ea
1227U05	Thermometer Hi-Accuracy w/2 Probe	1/Ea

- Triple display simultaneously shows minimum/maximum and current temperatures
- Minimum/maximum monitors readings for any time period and displays the exact time and date when the min/max temperature occurred for both thermometers
- Unit displays the exact time and date when dual thermometer alarms are triggered
- Visual and audible alarms signal continuously (for days) even if temperature returns to non-alarm range
- Range is -58 to 158°F and -50 to 70°C with a resolution of 0.01° and accuracy of ±0.3°C
- Probe is sealed in a miniature bottle (1 x 2-1/2 inches) filled with non-toxic glycol
- Eliminates concerns about incidental contact with food or drinking water



FRIO-Temp® Precision Liquid-In-Glass Verification Thermometers

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

- Filled with environmentally safe non-toxic, non-hazardous, biodegradable Enviro-Safe® liquid EnviroKleen™ certified by ChemTel, an independent laboratory
- Comparable in accuracy to mercury filled thermometers, but are 100% environmentally safe
- Accurate temperature reading without sample contamination is achieved by using the filled bottle (included), which mimics the sample
- Insert the thermometer into the bottle and place near the samples for best results
- PFA coated, safely contains glass and liquid in case of breakage
- Manufactured and tested by our USA quality team; individually serialized Traceable to NIST
- Includes multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy and Traceability
- Individually packaged to prevent breakage



Thomas No.	Description	QTY
9296N39	FRIO-Temp® Precision Liquid-In-Glass Verification Thermometer, Blood Bank, -5/20°C x 0.5°C	1/Ea 5/Cs
9296N43	FRIO-Temp® Precision Liquid-In-Glass Verification Thermometer, Freezer, -30/1°C x 0.5°C	1/Ea 5/Cs
9296N47	FRIO-Temp® Precision Liquid-In-Glass Verification Thermometer, Refrigerator, -5/15°C x 0.5°C	1/Ea 5/Cs
9296N51	FRIO-Temp® Precision Liquid-In-Glass Verification Thermometer, Incubator, 15/50°C x 0.5°C	1/Ea 5/Cs

FRIO-Temp® High Precision Liquid-In-Glass Verification Thermometers

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

- Filled with environmentally safe non-toxic, non-hazardous, biodegradable Enviro-Safe® liquid EnviroKleen™ certified by ChemTel, an independent laboratory (except H-B Catalog No. 20630 - Organic liquid filled)
- Comparable in accuracy to mercury filled thermometers, but are 100% environmentally safe (except H-B Catalog No. 20630)
- PTFE coated
- Individually serialized
- Tested and calibrated in H-B's exclusive triple accredited/registered ISO/IEC 17025:2005, A2LA accredited laboratory against equipment whose calibration is traceable to NIST and DKD/PTB
- Accompanied by a Statement of Accuracy indicating accuracy traceable to NIST and DKD/PTB
- Contain multi-language instructions (English, French, German, Italian, Portuguese and Spanish)
- Individually packaged to prevent breakage 0.2°C accuracy (9296R87 accuracy: 0.4°C)

Thomas No.	Description	QTY
9296R71	FRIO-Temp® High Precision Liquid-In-Glass Verification Thermometer, Freezer, -25/-5°C	1/Ea
9296R75	FRIO-Temp® High Precision Liquid-In-Glass Verification Thermometer, Refrigerator, -2/10°C	1/Ea
9296R79	FRIO-Temp® High Precision Liquid-In-Glass Verification Thermometer, Incubator, 15/30°C	1/Ea
9296R83	FRIO-Temp® High Precision Liquid-In-Glass Verification Thermometer, Incubator, 25/45°C	1/Ea
9296R87	FRIO-Temp® High Precision Liquid-In-Glass Verification Thermometer, Oven, 95/115°C	1/Ea

Thermometers



Thomas No.	Description	QTY
1220Z28	Enviro-Safe General Purpose Liquid-In-Glass Thermometer, -35 to 50°C, 76mm Immersion	1/Ea
1220Z30	Enviro-Safe General Purpose Liquid-In-Glass Thermometer, -30 to 120°F, 76mm Immersion	1/Ea
1220Z26	Enviro-Safe General Purpose Liquid-In-Glass Thermometer, -35 to 50°C, Total Immersion	1/Ea

*For more options, visit [thomassci.com](https://www.thomassci.com):
https://www.thomassci.com/Instruments/Non-Digital-Thermometers/_/THOMAS-ENVIRO-SAFE-THERMOMETERS

Enviro-Safe® Environmentally Friendly Liquid-In-Glass Thermometers

Earth friendly, EnviroKleen™ certified thermometers feature green, non-toxic, biodegradable, Enviro-Safe® liquid against lead-free, white back glass.

- Meet government, education, and industry mandates to purchase “Green” products
- Ideal for use in chemical/petrochemical laboratories, universities, scientific institutions, food and beverage processing, pharmaceutical and medical industries, dairies, breweries and distilleries
- Manufactured and tested by our USA quality team
- Include a multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy and Traceability



Double-Safe™ Environmentally Friendly Liquid-In-Glass Thermometer

These environmentally safe thermometers are PFA safety coated to keep liquid and glass contained in the event of breakage.

- Non-toxic, biodegradable, Enviro-Safe® liquid, against lead-free, yellow back glass provides easy readability and fewer reading errors
- Ideal for use in chemical/petrochemical laboratories, universities, scientific institutions, food and beverage processing, pharmaceutical and medical industries, dairies, breweries and distilleries
- Include a multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy and Traceability

Thomas No.	Description	QTY
9313B01	Double-Safe PFA Coated, Liquid-In-Glass Thermometer; -10/150°C, 50mm Immersion	1/Ea
9313B25	Double-Safe PFA Coated, Liquid-In-Glass Thermometer; 20/300°F, 50mm Immersion	1/Ea
9313A26	Double-Safe PFA Coated, Liquid-In-Glass Thermometer; -20/110°C, 76mm Immersion	1/Ea

*For more options, visit [thomassci.com](https://www.thomassci.com):
https://www.thomassci.com/Instruments/Non-Digital-Thermometers/_/THOMAS-DOUBLE-SAFE-THERMOMETERS



Thomas No.	Description	QTY
1220Z28	Enviro-Safe General Purpose Liquid-In-Glass Thermometer; -35 to 50°C, 76mm Immersion, Environmentally Friendly	1/Ea
1220Z30	Enviro-Safe General Purpose Liquid-In-Glass Thermometer; -30 to 120°F, 76mm Immersion, Environmentally Friendly	1/Ea
1220Z26	Enviro-Safe General Purpose Liquid-In-Glass Thermometer; -35 to 50°C, Total Immersion, Environmentally Friendly	1/Ea
1220Z31	Enviro-Safe General Purpose Liquid-In-Glass Thermometer; -30 to 120°F, Total Immersion, Environmentally Friendly	

Enviro-Safe® Environmentally Friendly Liquid-In-Glass Thermometers

Earth friendly, EnviroKleen™ certified thermometers feature green, non-toxic, biodegradable, Enviro-Safe® liquid against lead-free, white back glass.

- Meet government, education, and industry mandates to purchase “Green” products
- Ideal for use in chemical/petrochemical laboratories, universities, scientific institutions, food and beverage processing, pharmaceutical and medical industries, dairies, breweries and distilleries
- Manufactured and tested by our USA quality team
- Individually serialized
- Traceable to NIST
- Include a multi-language (English, French, German, Italian, Portuguese, and Spanish) Statement of Accuracy and Traceability

Should you require an individualized Thermometer Calibration Report, factory calibrated thermometers or custom calibration services are available.

Hygrometers

Thomas Traceable Hygrometer/Thermometer

- Relative humidity range is 25 to 95%
- Resolution is 1% RH
- Accuracy is $\pm 3\%$ RH mid-range to $\pm 5\%$ elsewhere
- Temperature range is 0-50°C / 32-122°F
- Resolution is 1°
- Accuracy is $\pm 1^\circ\text{C}$

Meter may be used with bench stand and can also be wall mounted. Unit measures 3 1/2" x 5" x 7/8" and weighs six ounces. Devices are provided with an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

Please note: The aforementioned A2LA accreditation belongs to the manufacturer, not Thomas Scientific.



Thomas No.	Description	QTY
1235C78	Traceable® Hygrometer / Thermometer	1/Ea

Thomas Traceable® Dew Point/Wet Bulb/Humidity/Thermometer

Thomas No.	Description	QTY
1235C97	Traceable® Dew-Point / Wet-Bulb / Rh / Temp Alarm	1/Ea



- Relative humidity range is 1 to 99%
- Resolution is 0.1% RH
- Accuracy is $\pm 4\%$ RH between 35 to 75%RH, $\pm 5\%$ RH otherwise
- Humidity features include dew point/wet bulb functions, minimum/maximum memory and high/low alarms
- Temperature range is -40 to 158°F and -40 to 70°C
- Temperature accuracy: $\pm 1.8^\circ\text{F}$ ($\pm 1.0^\circ\text{C}$)
- Resolution is 0.1°
- Battery type: Two AA batteries
- Display type: 1" LCD display
- Wall mounting

Unit measures 4 1/8" x 4 1/8" x 1" and weighs 4 ounces. Devices are provided with an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

Please note: The aforementioned A2LA accreditation belongs to the manufacturer, not Thomas Scientific.

Thomas Traceable® Memory Hygrometer/Thermometer

- Relative humidity range is 10.0 to 95%
- Resolution is 0.1% RH
- Accuracy is $\pm 2\%$ mid-range and $\pm 4\%$ elsewhere
- Temperature range is 0 to 199.9°F and -18 to 93°C
- Resolution is 0.1°
- Accuracy is $\pm 1^\circ\text{C}$ between 0 to 40°C, otherwise $\pm 2^\circ\text{C}$

Device offers minimum/maximum memory and hold features. Unit measures 7 1/8" x 2 3/4" x 1 1/4". Probe is 8 1/2" long with 2/3" diameter with a 3 foot cable. Weight is 10 3/4 ounces.

Model 1235D33 has features similar to 1235D01 but with an accuracy of $\pm 2.0\%$ RH; dew point display (range 0 to 50°C with a resolution of 0.1° and an accuracy of $\pm 2^\circ\text{C}$); and with a programmable alarm element. To assure accuracy, an individually serial numbered Traceable® certificate from an ISO 17025 calibration laboratory accredited by A2LA.

Certificate indicates traceability to standards provided by NIST.

Please note: The aforementioned A2LA accreditation belongs to the manufacturer, not Thomas Scientific.



Thomas No.	Description	QTY
1235C78	Traceable® Hygrometer / Thermometer	1/Ea



Our seating is designed using ergonomic principles and research data to offer a full range of options to be applied to the various tasks and environments we work within. The key to optimal work posture is for your chair and work surface to be in proper height relationship. This guide will assist you in choosing the right chair product to match your work situation.

Head over to our site to get started!

[Thomaschair.com/chair-guide](https://thomaschair.com/chair-guide)



20A00N534



20A00N559



Build A Chair

by

Thomas Scientific

Choose your environment to get started!



20A00N614



20A00N631



Laboratory or Industrial



Controlled Environment (ESD or Clean Room)



Office



20A00N714



20A00N743

Electrodes



pHE-03 General Laboratory pH Electrode

- Epoxy body with standard 12mm diameter and 120mm length
- Sealed, gel-filled reference with a double junction
- Ceramic pin/pellon junction for great performance
- Suitable for all general-purpose applications

The labForce® pHE-03 pH Electrode is a general purpose, lab or field electrode offering affordable, low maintenance performance for many water applications.

Thomas No.	Description	QTY
1146H94	Epoxy body, sealed, gel-filled reference with double junction Ceramic pin/pellon junction	1/Ea

pHE-04 Glass Combination pH Electrode

- Housing Material: Lead-free glass
- Temp. Sensor: No
- Junction: Ceramic
- Reference: Long-Life
- Electrolyte: 3M KCL
- Membrane Shape: hemispherical
- Range: 0-14 pH
- Temp. Range: -5 to 100°C (23 to 212°F)
- Connector: BNC

Its blue hemispherical glass membrane has a faster response time, better repeatability, and built tough, highly resistant to general impact membrane; and can be tested in high temperature samples (up to 225°F).



Thomas No.	Description	QTY
1146H95	pHE-04 Glass Combination pH Electrode, refillable and TRIS buffer compatible	1/Ea



pHE-06 Premium Glass pH Electrode

The moveable sleeve junction on the pHE-06 electrode is easy to clean and suitable for low ion concentration solution and non-aqueous solution. The infiltration rate of the electrolyte is determined by the tightness of the sleeve during installation.

The unique blue hemispherical glass membrane is highly resistant to general impact and can be tested in high-temperature samples (up to 225°F).

Thomas No.	Description	QTY
1146H97	pHE-06 Refillable, Glass pH Electrode for low viscosity	1/Ea

pHE-05 3-in-1 Glass pH/Temperature Electrode

The labForce® pHE-05 3-in-1 pH/Temp. Electrode Sensor is a temperature compensated pH Electrode, is ideal for precise regular water solutions and water pH testing in scientific research and quality control.

The unique blue hemispherical glass membrane provides faster response time, better repeatability, and built tough, highly resistant to general impact membrane, and can be tested in high-temperature samples (up to 225°F).



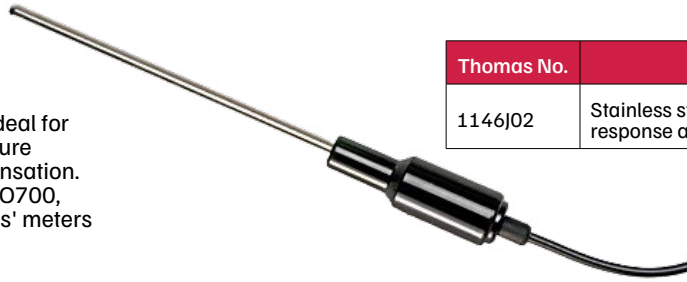
Thomas No.	Description	QTY
1146H96	pHE-05 3-in-1 Glass pH/Temp. Electrode, refillable and TRIS buffer compatible, with ATC	1/Ea



ATC-01 Temperature Electrode

- Material: Stainless Steel
- Temperature Range: -10 to 110°C (14 to 230°F)
- Dimension: $\varnothing 5 \times 145 \text{mm}$
- Connector: RCA

The labForce® ATC-01 Temperature Probe/Electrode is ideal for use along with pH or conductivity electrode for temperature compensation to achieve automatic temperature compensation. Compatible labForce® meters: PH100, PC300, ISE500, DO700, M1000, PH200, PC200. May NOT work with other brands' meters because the temperature unit might be incompatible.



Thomas No.	Description	QTY
1146J02	Stainless steel housing, fast response and high precision	1/Ea



CC-01 Conductivity Electrode, K=1

- Measuring Range: 0.5 $\mu\text{S/cm}$ to 200 mS/cm
- Electrode Constant: $K=1.0 \pm 0.2 \text{cm}^{-1}$
- Dimension: $\varnothing 1.2 \times 155 \text{mm}$
- Connector: BNC/RCA

The built-in thermistor tests temperature simultaneously and allows for auto temperature compensation. It is ideal for both regular laboratory and in-field use.

Compatible Models: PC300, M1000, PC200. May NOT be compatible with other brands' meters because the temperature unit might be incompatible.

Thomas No.	Description	QTY
1146J03	CC-01 Conductivity/Temp. Electrode (K=1.0)	1/Ea

CC-02 Conductivity Electrode, K=10

- Measuring Range: 20 mS/cm to 2,000 mS/cm
- Electrode Constant: $K=10.0 \pm 1.5 \text{cm}^{-1}$
- Dimension: $\varnothing 1.2 \times 155 \text{mm}$
- Connector: BNC/RCA – 3Ft cable

The built-in thermistor tests temperature simultaneously and allows for auto temperature compensation. It is ideal for both regular laboratory and in-field use.

Compatible Models: PC300, M1000, PC200. May NOT be compatible with other brands' meters because the temperature unit might be incompatible.

Thomas No.	Description	QTY
1146J04	CC-02 Conductivity Electrode (up to 2,000 mS/cm, K=10.0)	1/Ea

DO-01 Dissolved Oxygen Electrode

The labForce® DO-01 DO electrode contains automatic temperature compensation and automatic salinity compensation as well as automatic air pressure compensation.

This Polarogram type DO electrode uses a special calibration cap, speeding up the time required for polarization (3 to 5 minutes). The DO-01 Electrode uses a convenient combination diaphragm cap. Each DO-01 electrode includes three spare diaphragm caps.



Thomas No.	Description	QTY
1146J06	DO-01 Polarogram Type Dissolved Oxygen Electrode	1/Ea
1146J07	Dissolved Oxygen Replacement Membrane Caps	1/Ea
1146J08	Cathode Polishing Paper	1/Ea

Electrodes

ISE-01 Fluoride Ion-Selective Electrode

- Sensor Type: Solid State (LaF Crystal)
- Range: 0.02 to saturated
- Sample pH Range: 5-8
- Slope: 57 ± 2 mV/decade
- Interferences: OH-
- ABS plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled double-junction reference
- Fixed solid state sensor
- Suitable for all general-purpose applications

Thomas No.	Description	QTY
1146J09	ISE-01 Fluoride Ion-Selective Electrode	1/Ea



ISE-02 Chloride Ion-Selective Electrode

- Range: 1.8-35,500 ppm
- Sample pH Range: 2-12
- Slope: 56 ± 3 mV/decade
- Interferences: CN-, Br-, I-, OH-, S₂- must be absent, NH₃
- ABS plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled double-junction reference
- Fixed solid state sensor
- Suitable for all general-purpose applications

Thomas No.	Description	QTY
1146J10	ISE-02 Chloride Ion-Selective Electrode	1/Ea

The labForce® ISE-02 Chloride Ion-Selective Electrode (ISE) is a general-purpose, laboratory or field electrode offering affordable, low maintenance Chloride analysis performance for many water applications.



ISE-03 Silver Ion-Selective Electrode

- Sensor Type: Solid State
- Range: 0.01-107,900 ppm
- Sample pH Range: 2-12
- Slope: 57 ± 2 mV/decade
- Interferences: Hg₂⁺
- ABS plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled double-junction reference
- Fixed solid state sensor

The labForce® ISE-03 Silver Ion-Selective Electrode (ISE) is a general-purpose, laboratory or field electrode offering affordable, low maintenance Silver analysis performance for many water applications.

Thomas No.	Description	QTY
1146J11	ISE-03 Silver Ion-Selective Electrode	1/Ea



ISE-04 Nitrate Ion-Selective Electrode

- Sensor Type: PVC Membrane
- Range: 0.4-62,000 ppm (as NO₃⁻)
- Sample pH Range: 2.5-11
- Slope: 55 ± 3 mV/decade
- Interferences: ClO₄⁻, I⁻, ClO₃⁻, F⁻
- ABS plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled double-junction reference
- Fixed sensor membrane (PVC-matrix type)
- Suitable for all general-purpose applications

The labForce® ISE-04 Nitrate Ion-Selective Electrode (ISE) is a general purpose, laboratory or field electrode offering affordable, low maintenance nitrate analysis performance for many water applications such as drinking water, agriculture applications and food/beverage.

Thomas No.	Description	QTY
1146J12	ISE-04 Nitrate Ion-Selective Electrode	1/Ea



Electrodes



ISE-05 Potassium Ion-Selective Electrode

- Sensor Type: PVC Membrane
- Range: 0.04-39,000 ppm
- Sample pH Range: 2-12
- Slope: 56 ± 3 mV/decade
- Interferences: Cs⁺, NH₄⁺, Tl⁺, H⁺, Ag⁺, Tris⁺, Li⁺, Na⁺
- ABS plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled double-junction reference
- Fixed sensor membrane (PVC-matrix type)
- Suitable for all general-purpose applications

The labForce® ISE-05 Potassium Ion-Selective Electrode (ISE) is a general-purpose, laboratory or field electrode offering affordable, low maintenance Potassium analysis performance for many water applications such as wastewater, agriculture applications and food/beverage.



Thomas No.	Description	QTY
1146J13	ISE-05 Potassium Ion-Selective Electrode	1/Ea



ISE-06 Calcium Ion-Selective Electrode

- Range: 0.02-40,100 ppm
- Sample pH Range: 2-8
- Slope: 26 ± 2 mV/decade
- Interferences: Pb²⁺, Hg²⁺, Si²⁺, Fe²⁺, Cu²⁺, Ni²⁺, NH₃, Na⁺, Li⁺, Tris⁺, K⁺, Ba²⁺, Zn²⁺, Mg²⁺
- ABS plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled double-junction reference
- Fixed sensor membrane (PVC-matrix type)
- Suitable for all general-purpose applications

The labForce® ISE-06 Calcium Ion-Selective Electrode (ISE) is a general-purpose, laboratory or field electrode offering affordable, low maintenance Calcium analysis performance for many water applications such as beverages, milk, aquariums, and water hardness evaluations.

Thomas No.	Description	QTY
1146J14	ISE-06 Calcium Ion-Selective Electrode	1/Ea



ISE-07 Ammonia Ion-Selective Electrode

- Sensor Type: Gas-Sensing - glass pH with gas-permeable membrane
- Range: 0.01-17,000 ppm (as NH₃)
- Sample pH Range: >11 (required by addition of ISA)
- Slope: 56 ± 3 mV/decade
- Interferences: volatile amines (gaseous)
- Gas-sensing technology in a standard 12mm diameter and 120mm length
- The gas-permeable membranes can be replaced if they foul or tear
- This electrode correlates a pH change to the concentration of ammonia after the ammonia in the sample is made gaseous, by the addition of ISA (pH>11)

The labForce® ISE-07 Ammonia (NH₃) Ion-Selective Electrode (ISE) is a general purpose, laboratory or field electrode offering convenient replaceable membrane modules and excellent performance.

Thomas No.	Description	QTY
1146J15	ISE-07 Ammonia (NH ₃) Ion-Selective Electrode	1/Ea

Electrodes



pHE-01 Basic Combination pH Electrode

- Measurement Range: 0–14 pH, 0–80°C (32–176°F)
- Housing: Polycarbonate
- Junction: Single Ceramic
- Reference Electrode: Ag/AgCl
- Connector: BNC for pH, RCA for temperature
- Size: ø12x160 mm
- Temperature unit: 30KΩ Thermistor

Ideal for regular water solutions' pH measurement in scientific research, environmental monitoring, and quality control. Not suitable for testing in low-ion concentration solutions (eg: deionized water or distilled water), strong base solutions (pH>12), highly corrosive liquid, or for continuous testing in high temperature solutions (>140°F).

Thomas No.	Description	QTY
1146H92	pHE-01 Combination pH Electrode, Polycarbonate, Gel, Single junction Ceramic, Reference Electrode: Ag/AgCl, BNC connector	1/Ea

pHE-01 Basic Combination pH Electrode

- Measurement Range: 0–14 pH, 0–80°C (32–176°F)
- Housing: Polycarbonate
- Junction: Single Ceramic
- Reference Electrode: Ag/AgCl
- Connector: BNC
- Size: ø12x160 mm
- Suitable for all general-purpose applications

Not suitable for testing in low-ion concentration solutions (eg: deionized water or distilled water), strong base solutions (pH>12), highly corrosive liquid, or for continuous testing in high temperature solutions (>140°F).

Thomas No.	Description	QTY
1146H93	pHE-02 3-in-1 pH/Temp. Electrode, ATC - Gel KCL electrolyte adopted: No need for refilling	1/Ea



ISE-08 Sodium Ion-Selective Electrode

- Sensor Type: Solid State (glass membrane)
- Range: 0.1-23,000 ppm
- Sample pH Range: >9
- Slope: 55 ± 3 mV/ decade
- Interferences: Hg²⁺
- Convenient sealed reference, and standard 12mm diameter and 120mm length
- The sealed, double-junction reference gives the electrode more longevity over sealed reference designs
- Suitable for all general-purpose or more advanced applications

Thomas No.	Description	QTY
1146J16	ISE-08 Sodium Ion-Selective Electrode	1/Ea

The labForce® ISE-08 Sodium Ion-Selective Electrode (ISE) is an affordable laboratory or field electrode offering good performance and longevity for Sodium analysis in many water applications like food & beverage analysis.



ORP-01 General Purpose ORP Electrode

- Epoxy body with standard 12mm diameter and 120mm length
- Sealed, gel-filled reference with double junction
- Ceramic pin/pellon junction for great performance
- Suitable for all general-purpose applications

The labForce® ORP-01 ORP Electrode is a general purpose, lab or field electrode offering affordable, low maintenance performance for many water applications.

Thomas No.	Description	QTY
1146J01	Polycarbonate body, sealed, gel-filled reference with double junction Ceramic pin/pellon junction	1/Ea



pHE-07 Premium Flat pH Electrode

- Plastic body with standard 12mm diameter and 120mm length
- Sealed, gel-filled reference with single junction
- Ceramic pin/pellon junction for great performance
- Suitable for all general-purpose applications

The labForce® pHE-07 Flat pH Electrode is a general purpose, lab or field electrode offering affordable, low maintenance performance for water applications where a flat shaped pH sensor is more suitable.

Thomas No.	Description	QTY
1146H98	pHE-07 Flat pH Electrode - Epoxy body, sealed, gel-filled reference with single junction Ceramic pin/pellon junction	1/Ea



pHE-08 Micro pH Electrode

- Plastic body with 6mm diameter and 150mm length
- Sealed, gel-filled reference with a single junction
- Pellon junction for good performance
- Suitable for all general-purpose applications

The labForce® pHE-08 Semi-Micro Electrode is a general purpose, lab or field electrode offering affordable, low maintenance performance for applications needing a small diameter body housing (6mm) and is also longer than standard (150mm).

Thomas No.	Description	QTY
1146H99	pHE-08 Micro pH Electrode	1/Ea



PHE-09 Spear pH Electrode, with food-grade stainless steel sheath

The PHE-09 Spear pH Electrode has durable food-grade stainless steel sheath, solid electrolyte, and long-life reference system, making the probe hard to contaminate and maintenance-free.

Ideal for professional soft-solid food's pH measuring such as cheese, bread, fruit, sushi rice, meat, etc.

Thomas No.	Description	QTY
20A00H170	PHE-09 Spear pH Electrode, with food-grade stainless steel sheath, ideal for soft-solid foods, BNC Connector	1/Ea

PHE-10 Blade pH Electrode, Stainless Steel Sheath and Blade, Ideal for Meats

The PHE-10 Blade pH Electrode uses a durable food-grade stainless steel sheath and blade, solid electrolyte, and long-life reference system, making the probe hard to contaminate and maintenance-free. Ideal for measuring pH of meat such as fish, meat, and other meat products.

The electrode uses a BNC connector, compatible with all labForce® pH meters. This is a replacement pH electrode for the TS-MB200 portable pH meter.



Thomas No.	Description	QTY
20A00H171	PHE-10 Blade pH Electrode, stainless steel sheath and blade, ideal for meats, BNC Connector	1/Ea

Electrodes



Thomas No.	Description	QTY
20A00H172	PHE-11 Glass 3-in-1 pH/Temp Electrode for Low Ion-Concentration Samples, BNC/RCA Connector	1/Ea

PHE-11 Glass 3-in-1 pH/Temp Electrode for Low Ion-Concentration Samples

The infiltration rate of the electrolyte is determined by the tightness of the sleeve, which can be customized by users to ensure the best performance in every specific sample.

Silver Ion Trap Reference System - The PHE-11 pH electrode uses a Silver Ion Trap reference system. On top of the Long-Life reference system, a silver ion trap is added to prevent the junction being blocked by silver sulfide.

PHE-14 Glass Combination pH/Temp Electrode for Semi-micro Samples (>0.2mL)

Unique Glass Membrane - PHE-14 pH electrode uses a semi-micro cylindrical glass membrane (6mm in diameter), making small-sample pH testing easier than ever, and can be tested in high-temperature samples (up to 212°F).

This is a replacement electrode for the TS-SS200 portable pH meter.



Thomas No.	Description	QTY
20A00H175	PHE-14 Glass Combination pH/Temp Electrode for Semi-micro Samples (>0.2mL), BNC/RCA Connector	1/Ea



Thomas No.	Description	QTY
20A00H174	PHE-13 POM 3-in-1 pH/Temp Electrode for Direct Soil pH Testing, BNC Connector	1/Ea

PHE-13 POM 3-in-1 pH/Temp Electrode for Direct Soil pH Testing

Polymer Electrolyte - The solid polymer electrolyte makes the electrode hard to contaminate and maintenance-free. Special Glass Membrane, The PHE-13 pH electrode uses a spear sensor tip, ideal for directly testing semi-solid samples like soil.

This is a replacement electrode for the TS-S200 portable pH meter. Also compatible with all labForce® pH meters.

PHE-18 Glass Spear pH Electrode for Semi-Solid Samples

The PHE-18 pH electrode uses a spear glass membrane, which is ideal for testing semi-solid samples and can be used to test high-temperature samples (up to 176°F).

The electrode uses a BNC connector, compatible with all labForce® pH meters.



Thomas No.	Description	QTY
20A00H179	PHE-18 Glass Spear pH Electrode for Semi-Solid Samples, BNC Connector	1/Ea



Thomas No.	Description	QTY
20A00H173	PHE-12 Glass 3-in-1 pH/Temp Electrode for Dairy, BNC/RCA Connector	1/Ea

PHE-12 Glass 3-in-1 pH/Temp Electrode for Dairy

The rugged blue hemispherical glass membrane - faster response time, better repeatability, and built tough, highly resistant to general impact; and can be tested in high-temperature samples (up to 225°F).

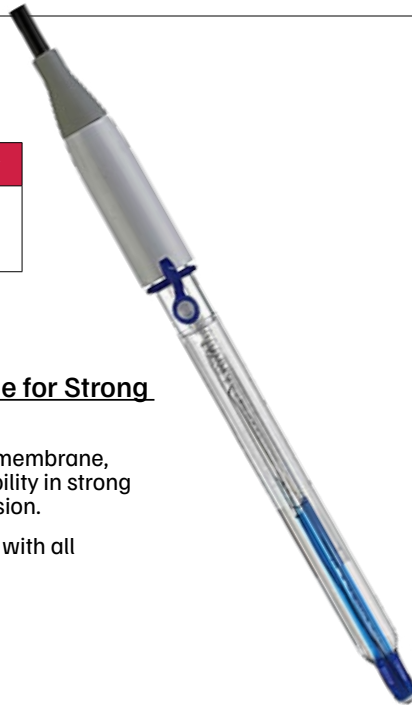
The electrode uses a BNC/RCA connector, compatible with all labForce® pH meters.

Thomas No.	Description	QTY
20A00H176	PHE-15 Glass Combination pH Electrode for Strong Acid Samples, BNC Connector	1/Ea

PHE-15 Glass Combination pH Electrode for Strong Acid Samples, BNC Connector

Unique Glass Membrane - The PHE-15 HF glass membrane, which has a faster response rate, better repeatability in strong acid samples, and resistant to hydrofluoric corrosion.

The electrode uses a BNC connector, compatible with all labForce® pH meters.



Thomas No.	Description	QTY
20A00H177	PHE-16 Glass Combination pH Electrode for Strong Base Solutions, BNC Connector	1/Ea

PHE-16 Glass Combination pH Electrode for Strong Base Solutions

Unique Glass Membrane - The PHE-16 pH Electrode uses a special H glass membrane, with better accuracy and repeatability in strong base solutions; the hemispherical sensor is built tough and highly resistant to general impact.

The electrode uses a BNC connector, compatible with any labForce® pH meters.



Thomas No.	Description	QTY
20A00H178	PHE-17 Glass Combination Micro pH Electrode (4mm) for Samples >30 mL, BNC Connector	1/Ea

PHE-17 Glass Combination Micro pH Electrode (4mm) for Samples >30 MI

Unique Glass Membrane - The PHE-17 pH electrode uses a micro cylindrical glass membrane (4mm in diameter), making micro-sample pH testing easier than ever, and can be tested in high-temperature samples (up to 212°F).

The electrode uses a BNC connector, compatible with any labForce® pH meters.

Electrodes



PHE-19 Glass Combination pH Electrode for Low Temperature Solutions

The PHE-19 pH electrode uses a low-impedance glass membrane, especially suitable for low-temperature sample testing.

The electrode uses a BNC connector, compatible with all labForce® pH meters.

Thomas No.	Description	QTY
20A00H180	PHE-19 Glass Combination pH Electrode for Low Temperature Solutions, BNC Connector	1/Ea



PHE-20 POM 3-in-1 pH/Temp Electrode for Wastewater Treatment

- The unique blue glass membrane has a faster response rate, better repeatability, and impact-resistance
- POM housing, highly resistant to corrosions
- The electrode uses a BNC/RCA connector, compatible with all labForce® pH meters
- This is a replacement pH electrode for the labForce® WW200 Portable pH Meter

Thomas No.	Description	QTY
20A00H181	PHE-20 POM 3-in-1 pH/Temp Electrode for Wastewater Treatment, BNC/RCA Connector	1/Ea



REF-01 Double Junction Reference Electrode

- Solution: options of the first salt bridge solution and the second salt bridge solution
- Reference Electrode: Ag/AgCl
- Junction: Ceramic
- Dimension: $\Phi 12 \times 155 \text{mm}$
- Compatible labForce® meters: ISE500 and M1000. May NOT work with other brands' meters

Thomas No.	Description	QTY
1146J00	REF-01 Double Junction Reference Electrode	1/Ea

Timers



9371W52
4 Channel Timer



9371W62
Triple Purpose Clock Timer



1235D56
Nano Timer



9371W13
3 Channel Timer



1229S19
Traceable Multi-colored Timer



8788V77
Stopwatch, Traceable®
Shockproof & Waterproof

For our entire listing of labForce® timers, stopwatches and clocks, scan the QR code below.



Mini Digital Incubators

- Digital temperature control
- Personal sized, 13 x 14.5" footprint (20L)
- Accepts bottles and flasks up to 2L
- Two models: Heat Only or Heat/Cool
- Internal outlet, for installation of shaker, rockers, etc.

With digital temperature control, the labForce® Mini Digital Incubators provide convenient “set and walk away” operation, eliminating the need for external thermometers and repetitive “fine tuning” of an analog control knob.

Simply choose the desired temperature and the incubator immediately begins to heat up (or cool down, -HC model only) while accurately monitoring the chamber temperature and conveniently displaying the temperature in real time on the large LED control panel.

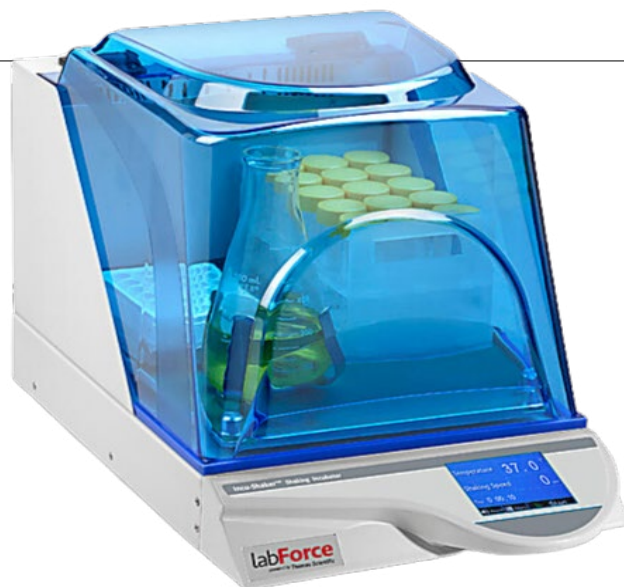


Thomas No.	Description	QTY
1154J59	Mini Digital Incubator, with heating only, 115V	1/Ea
1154J60	Mini Digital Incubator, with heating only, 230V	1/Ea
1154J61	Mini Digital Incubator, with heating and cooling, 115V	1/Ea
1154J62	Mini Digital Incubator, with heating and cooling, 230V	1/Ea

Therma-Shaker™ Mini Shaking Incubators

- Extremely compact, just 11" wide
- TOUCH Screen control over time, speed, and temperature
- Horizontally circular 19mm orbit for aeration & mixing
- Program STEP feature for linking consecutive programs

The labForce® Therma-Shaker™ Mini Shaking Incubator is the most compact shaking incubator in its class. Despite the remarkably small footprint, a large 11.5 x 9.5 in. work space accepts several platforms and a variety of flasks, tubes and other common vessels.



Thomas No.	Description	QTY
1154J36	Mini Shaking Incubator with non-slip rubber mat, 115V	1/Ea
1154J37	Mini Shaking Incubator with non-slip rubber mat, 230V	1/Ea

Band-It™ Mini Electrophoresis System

- Complete system, includes gel box, power supply and casting sets
- Quick and easy gel casting, no tape, clamps, or spacers required
- Compact design, footprint: 7 x 5.1 in.

The labForce® Band-It™ Mini electrophoresis system includes all the equipment that you need to get up and running gel tank, power supply and two casting sets. Ideal for personal use, small laboratories or the classroom, this gel box/power supply combination is compact and easy to use.

The Band-It mini gel box attaches directly to the power supply for a secure connection every time. Selectable parameters include 3 preset voltages – 35V, 50V or 100V – and a 99-minute timer. All are set using the membrane keypad.



Thomas No.	Description	QTY
1154J34	Band-It Electrophoresis System, 115V	1/Ea
1154J35	Band-It Electrophoresis System, 230V	1/Ea

Dry Baths



IncuBlock™ Mini Dry Baths

- Compact, fits on any crowded benchtop
- Exchangeable blocks for 0.2 to 50ml tubes
- Simple touchpad, digital control
- Blocks sold separately

With its compact construction, broad temperature range, and multiple block options, the IncuBlock™ Mini is the perfect tool for laboratory incubations. The simple touch pad controls and a digital display provide for “set and walk away” temperature selection and unrivaled accuracy.



Thomas No.	Description	QTY
1154J48	IncuBlock Mini Dry Bath, 100-240V (US Plug)	1/Ea
1154J50	Block, 40 x 0.2mL tubes or 5 PCR strips	1/Ea

*For more sizes and information, please visit thomassci.com
www.thomassci.com/Equipment/Heating-and-Cooling-Blocks/_/IncuBlock-Mini-Dry-Baths



IncuBlock™ Plus Digital Dry Baths

- Digital temperature control (set and walk away)
- Hinged lid (improves uniformity & conserves energy)
- External (optional) temperature probe (measures actual sample temperature)
- Available with Quick-Flip universal blocks (supports all common tube sizes, PCR strips and PCR plates)
- Blocks sold separately

labForce®'s IncuBlock™ Plus series is a “next generation” product line that introduces several major advantages over traditional dry baths. They are the first digital dry baths to include advanced microprocessor controls, timed or continuous operation and a removable hinged lid.

Thomas No.	Description	QTY
1154J44	Digital Dry Bath, Single Chamber, without blocks, 115V	1/Ea
1154J45	Digital Dry Bath, Single Chamber, without blocks, 230V	1/Ea

*For more sizes and information, please visit thomassci.com
https://www.thomassci.com/Equipment/General-Purpose-Baths/_/IncuBlock-Plus-Digital-Dry-Baths

Traditional Digital Dry Baths

- Digital accuracy and convenience
- Single, double and four block capacity
- Assorted blocks for a wide variety of tube sizes
- Blocks sold separately

The cavities of the high-grade aluminum blocks are precision machined to match the conical size and shape of 0.5, 1.5, 2.0, 15 and 50ml tube sizes, providing unsurpassed temperature transfer. Assorted blocks are available for compatibility with nearly all common laboratory tubes and plates.

Thomas No.	Description	QTY
1154J38	Digital Dry Bath, Single Position, 115V (without blocks)	1/Ea
1154J39	Digital Dry Bath, Single Position, 230V (without blocks)	1/Ea

*For more sizes and information, please visit thomassci.com
https://www.thomassci.com/Equipment/General-Purpose-Baths/_/Traditional-Digital-Dry-Baths



Thermal Cyclers



Thermal Cyclers

- Intuitive touch screen control
- Program Wizard - quick, easy & foolproof
- Unique multi-format block: 0.2ml tubes or strips (96), 0.5ml tubes (39), 96 well plate (1)

A large, full color touch screen serves as the operations center where all functions are accessed. From the "Home" screen, simply touch an icon to view the last run program, enter the program library, or use the program wizard to quickly enter a protocol. In addition, icons for favorite programs can be added for faster access.

Thomas No.	Description	QTY
1154J63	Gradient Thermal Cycler with multi-format block (US Plug)	1/Ea
1154J64	Gradient Thermal Cycler with multi-format block (European Plug)	1/Ea
1154J66	Gradient Thermal Cycler with 384 well block (US Plug)	1/Ea
1154J67	Gradient Thermal Cycler with 384 well block (European Plug)	1/Ea
1154J65	In-Situ Adapter for use with Gradient Thermal Cycler (multi-format block model only)	1/Ea

Mini Thermal Cyclers

- "Mini" sized, 9 x 7 inch footprint
- Capacity for 32 x 0.2ml or 4 PCR Strips
- Intuitive touch screen control
- Program Wizard with familiar icon driven programming

"Mini sized" doesn't have to mean a sacrifice on features and performance. The labForce® Mini Thermal Cycler retains the advanced programming features, easy to use software and fast, reliable cycling of the larger labForce® Thermal Cycler, but with a smaller block and lower price point.

Thomas No.	Description	QTY
1154J68	Mini Thermal Cycler with multi-format block (US Plug)	1/Ea
1154J69	Mini Thermal Cycler with multi-format block (European Plug)	1/Ea



Anti-Vibration Tables



Mild Steel Anti-Vibration Table

- 770mm Length
- 650mm Width
- 815mm Height with 10mm higher or lower adjustment
- Weighs 60kg

Antivibration table with granite insert to aid in measurement stability. The base construction is powder coated steel with a HPL board top. The table features adjustable leveling feet to aid in stabilization of the table.

Thomas No.	Description	QTY
20A00H201	Mild Steel Anti-Vibration Table	1/Ea

Stainless Steel Anti-Vibration Table

Antivibration table with granite insert to aid in measurement stability. The table is fully constructed from stainless steel. The table features adjustable leveling feet to aid in stabilization of the table.

Thomas No.	Description	QTY
20A00H202	Stainless Steel Anti-Vibration Table	1/Ea



Stretchease® Disposable Nitrile Gloves

The most comfortable, most stretchable glove you've ever worn!

New features include:

- Accelerator-Free (Low Dermatitis Potential)
- Chemotherapy Drug Resistant
- Fentanyl Resistant

The same Stretchease features you have grown to love!

- Powder-Free
- Latex-Free
- Finish: Textured Fingers
- Length – 9.5 inches
- Exceptional Strength
- Color: Periwinkle Blue
- Improved Elasticity: 650% (min)



*For more sizes and information, please visit thomassci.com
www.thomassci.com/Laboratory-Supplies/Laboratory-Exam-Gloves/_/Stretchease-Powder-Free-Nitrile-Exam-Gloves



Anti-Static Ionizer

Anti-static ionizer used to remove overflow of plus/minus ions from the balance environment. The ionizer neutralizes the electrical charges in the air to aid in the balances performance of measurements when unwanted electrical influences are present. Frame dimensions of 175 x 70 x 172mm.

Thomas No.	Description	QTY
20A00H198	Anti-Static Ionizer for TS-U Series Balances	1/Ea

Anti-Static Ionizer

Anti-static ionizer used to remove overflow of plus/minus ions from the balance environment. The ionizer neutralizes the electrical charges in the air to aid in the balances performance of measurements when unwanted electrical influences are present. Frame dimensions of 268 x 100 x 295mm.

Thomas No.	Description	QTY
20A00H199	Anti-Static Ionizer	1/Ea



Infrared MicroSterilizers

- Complete sterilization of loops, and tube mouths
- Safe, convenient and no spatter
- Eliminates the need for an open flame
- Ideal for research laboratories

The labForce® MicroSterilizer is a research sterilizer that utilizes an asbestos-free core element that uses intense heating to produce 815°C (1500°F). It completely sterilizes in 5-7 seconds. The MicroSterilizer uses well-proven technology to provide instant sterilization of platinum inoculating loops, glass tube/pipette mouths and various metal & borosilicate glass instruments used in quality control and research.

Thomas No.	Description	QTY
1154J15	Infrared MicroSterilizer, 120V (AMERICAN PLUG)	1/Ea
1154J16	Infrared MicroSterilizer, 230V (EUROPEAN PLUG)	1/Ea
1154J17	Loop Holder Attachment	1/Ea
1154J18	Slide Dryer Attachment	1/Ea



TILT Infrared MicroSterilizers

- Adjustable tilt angle, for more ergonomic inoculation (reduces hand fatigue)
- Same convenient operation as our popular "Classic" model
- Available as "XL", with wide chamber for sterilizing large vessels (tubes, flask mouths, etc.)

The labForce® TILT Series utilizes the same well-proven technology of our original Infrared MicroSterilizer, but with a unique, adjustable head angle that allows for more convenient sterilization. When loosened, the adjustment knob can be shifted upward or downward, resulting in a tilt angle range of 55°C.

Thomas No.	Description	QTY
1140U39	TILT Infrared MicroSterilizer, 120V	1/Ea
1140U40	TILT Infrared MicroSterilizer, 230V	1/Ea
1140U41	TILT XL Infrared MicroSterilizer, 120V	1/Ea
1140U42	TILT XL Infrared MicroSterilizer, 230V	1/Ea



Sharp™ Multi Channel Pipettor

- Dual volume setting system
- Adjustable ejector (NEW “klik-to-fix” system)
- Universal shaft
- Durable sealing system effective for 60,000 cycles
- Fully autoclavable, UV resistant
- Large pipetting pushbutton, color coded
- Contoured handle
- Soft spring system minimizes hand fatigue

Sharp™ Pipettors provide both accurate and precise liquid dispensing in a comfortable ergonomic design, dual volume setting and a volume lock to avoid volume changes during routine pipetting.

*For more sizes, please visit thomassci.com

www.thomassci.com/Equipment/Multichannel-Pipettors/ / Denville-Ultra-EZpette-Multichannel-High-Precision-Digital-Pipettors

Thomas No.	Description	QTY
1159Z40	Sharp™ 8-Channel Pipettor, 0.5-10µL	1/Ea
1159Z41	Sharp™ 8-Channel Pipettor, 20-200µL	1/Ea

SHARP™ Single Channel High Precision Pipettors

- Dual volume setting system
- Adjustable ejector (NEW “klik-to-fix” system)
- Universal shaft
- Durable sealing system effective for 60,000 cycles
- Fully autoclavable, UV resistant
- Large pipetting pushbutton, color coded
- Contoured handle
- Soft spring system minimizes hand fatigue

SHARP™ Pipettor is fully autoclavable. Eight models cover the volume range from 0.1µL to 10,000µL. A calibration tool is included with each unit for easy in-lab recalibration. Pipettes are individually tested and supplied with a certificate of quality.

*For more sizes, please visit thomassci.com

www.thomassci.com/Equipment/Single-Channel-Pipettors/ / Denville-Ultra-EZpette-Single-Channel-High-Precision-Digital-Pipettors



Thomas No.	Description	QTY
1159Z23	SHARP™ Single Channel Pipettor, 1,000-10,000µL	1/Ea
1159Z25	SHARP™ Single Channel Pipettor, 100-1,000µL	1/Ea

Thomas No.	Description	QTY
1159Z16	labForce® Motorized Pipette Controller	1/Ea

labForce® Motorized Pipette Controller

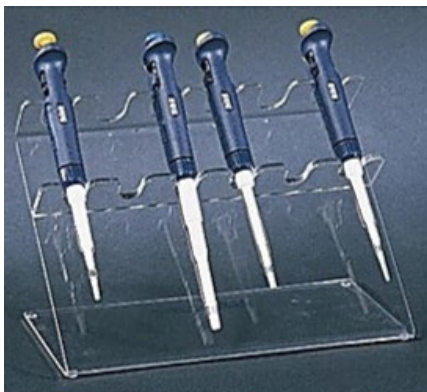
- Lightweight, ergonomic
- 0.5 to 100 mL pipette range
- Large LCD display
- Autoclavable
- Motorized and Ergonomic

The labForce® Pipette Controller — Lightweight and ergonomically shaped motorized pipette controller designed for work with glass or plastic serological pipettes from 0.5 to 100 ml range. Conveniently positioned switches allow choosing different operation modes and speed depending on the volume of the serological pipette and liquid viscosity.



6-Place Pipette Stand

labForce® six place pipette holder that accepts most major brands of pipettes. The pipette stand is made of durable, 3/16" acrylic for years of use. The skid resistant feet will prevent the stand from sliding on your bench top. Dimension: 11"W x 9.25"H X 6"D.



Thomas No.	Description	QTY
1140H35	Pipette Stand, 6-Place, Clear Acrylic	1/Ea



New 2023 Model 4 Wiley® Mill

- Applications include: biofuels, animal feed, pharmaceuticals, brewing, and many others
- Samples introduced through the hopper are swept around by the rotor until they are cut to sufficient fineness to pass through the sieve
- Ideal for milling of a wide range of materials, including plastics, animal feed, bones, cables, cardboard, electronic scrap, feed pellets, foils, food, leather, material mixtures, non-ferrous metals, paper, pharmaceutical products, refuse-derived fuels, rubber, waste, wood and more.
- Available in 115V 60Hz or 230V 50Hz Configuration
- Select Benchtop or floor stand mounted model - Includes the following; 1x Plunger, 1x Stainless Steel Hopper, 3x Sieves (0.5mm, 1mm & 2mm), 1x Jar adaptor, 3x 1.6oz glass jars, 1x Toolset, 1x rotating cutter head with 4x rotating blades, 6x stationary cutting blades, and 1x brush.

The Wiley 4® single-speed large heavy duty Cutting Mill features a 7.75-inch diameter sealed cutting chamber with six stationary blades and a rotating cutting head with four replaceable cutting blades that revolve at high speed to produce a shearing action that minimizes heat build-up.

Thomas No.	Description	QTY
23A00D303	Wiley® 4 Mill 115V 60Hz (replaces 1188Y47)	1/Ea
23A00D304	Wiley® 4 Mill 115V 60Hz w/ Floor Stand (replaces 1188Y51)	1/Ea
23A00D305	Wiley® 4 Mill 230V 50z (replaces 1188Y48)	1/Ea
23A00D306	Wiley® 4 Mill 230V 50Hz w/ Floor Stand (replaces 1188Y52)	1/Ea



New 2023 Wiley® Mini Mill

- Applications include: biofuels, animal feed, pharmaceuticals, brewing, and many others
- Samples introduced through the hopper are swept around by the rotor until they are cut to sufficient fineness to pass through the sieve
- Ideal for milling of a wide range of materials, including plastics, animal feed, bones, cables, cardboard, electronic scrap, feed pellets, foils, food, leather, material mixtures, non-ferrous metals, paper, pharmaceutical products, refuse-derived fuels, rubber, waste, wood and more.
- Available in 115V 60Hz or 230V 50Hz Configuration
- Select Benchtop or floor stand mounted model - Includes the following; 1x Plunger, 1x Stainless Steel Hopper, 3x Sieves (0.5mm, 1mm & 2mm), 1x Jar adaptor, 3x 16oz glass jars, 1x Toolset, 1x rotating cutter head with 4x rotating blades, 6x stationary cutting blades, and 1x brush.

The Wiley 4® single-speed large heavy duty Cutting Mill features a 7.75-inch diameter sealed cutting chamber with six stationary blades and a rotating cutting head with four replaceable cutting blades that revolve at high speed to produce a shearing action that minimizes heat build-up.

Thomas No.	Description	QTY
23A00D287	Wiley® Mini Mill, Single-Speed, 115V 60HZ (replaces 1171H10)	1/Ea
23A00D288	Wiley® Mini Mill, Single-Speed, 230V 50HZ	1/Ea
23A00D289	Wiley® Mini Mill, Variable-Speed, 115V 60HZ (replaces 1173U48)	1/Ea
23A00D290	Wiley® Mini Mill, Variable-Speed, 230V 50HZ (replaces 1173U48)	1/Ea



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