

Thomas Scientific
We Believe You Are Important
— How Can We Help?

Summer Issue 2016

Equipment *and* Instrumentation Source Guide

Featuring **Promotions** and **Product Solutions**

Thomas Solutions

NEW! Thermo Scientific™
Orion™ VersaStar™
Benchtop Meter

See Page 4



Free measurement
module with purchase!

Binder
KBF Series Constant
Climate Chambers

See Page 17



Free Binder Pure Aqua choice
with purchase + 10% Off!

Thermo Scientific
Cimarec+ 7x7 120V
Ceramic Hotplate Stirrer

See Page 10



Buy 2 Get 1 FREE!

VistaLab
Ovation Pipettes

See Page 4



Buy 4
Get 1 FREE!

Welcome!

Thomas Scientific is a distributor of laboratory supplies, equipment and chemicals. The products in this catalog represent only a small offering from our extensive catalog and website. We're here to make your purchasing process as simple as possible. For additional models, sizes, packaging, and accessories not shown in our catalogs or if you just need help selecting a product, contact us at 800-345-2100 or visit us on the web at www.thomassci.com.



Thomas Scientific accepts VISA, Master Card, American Express and the IMPAC card for government buyers.

Our Mission

To help science create a better world by providing quality products with personal, timely and efficient service

Delivering Quality Scientific Supplies Worldwide Since 1900

Special offers and pricing are valid through September 30, 2016, unless otherwise noted.

NOTE: Offers in this catalog are void where prohibited by law or company policy. Shipping charges are not included. Prices and offers are subject to change without notice and are not to be combined with other offers/discounts or contract pricing. Valid in USA only. Dealer/reseller sales not applicable. For web orders, enter the promo code in the yellow box on the back of this catalog. For phone orders, please supply the promo code to the customer service representative when ordering. Discount pricing shown must be specified when placing order. Returned products will be subject to billing for Free Items at list price. Free items in 'Buy/Get 1 Free' offers will be the item of lowest value unless otherwise noted. Giveaways and free products may be shipped separately. Allow 4-6 weeks for delivery.

Suppliers featured in this issue are:

 **BINDER**
Best conditions for your success

 **BOEKEL**™
Boekel Scientific

 **erlab**

 **huber**
high precision thermoregulation

IKA®

 Protecting your laboratory environment
LABCONCO

 **LAXCO**™

 **METTLER TOLEDO**


MODERNWATER

 **smeg**
INSTRUMENTS

 **Thermo**
SCIENTIFIC
A Thermo Fisher Scientific Brand

 **TROEMNER**

 **VELP**
SCIENTIFICA

 **VistaLab**™
TECHNOLOGIES

 **WELCH**
by Gardner Denver

For additional deals from more suppliers, check out our **Lab Basics** brochure!

Download your copy today at www.thomassci.com/deals

LAB B  **SICS**

Looking for additional deals?

Check out our

Deal Central

section on the web

www.thomassci.com/deals



ScrubAir™

Pipette Washer/Dryers

Fast, Thorough Cleaning with Percolating Action

Free case of KIMAX® pipettes from Kimble Chase *and* free Starbucks® gift card with purchase! Visit thomassci.com/deals for redemption.

- Dries quickly with compressed air in 4 hours
- Models with built-in heater dry in 2 hours
- Accommodates from 12 to 60 pipettes
- Saves water & money
- Reduces pipette inventory needs
- Programmable – wash, rinse and dry times
- Less glassware handling required
- Portable



Find out more at www.thomassci.com Search: 1190Q18



Purchase a new Thermo Scientific Orion Versa Star benchtop meter and receive an additional measurement module for FREE!

Thermo Scientific Orion Versa Star meters deliver outstanding performance and flexibility in the lab, featuring four channels that can be customized for your measurements.

- pH, ISE, conductivity, or dissolved oxygen measurement modules are automatically recognized by the Versa Star meter and can be added or removed at any time
- Large color display can be personalized to show only the information you need and display one to four measurements
- Setup and calibration designed to be fast and simple with step-by-step instructions and a numeric keypad
- Meter interface available in a variety of languages

For more information and redemption form, please visit thomassci.com/deals



**Offer ends
December
31**

Accelerate your sample measurement with a Thermo Scientific™ Orion™ Versa Star™ benchtop meter.



Think Differently. Feel Better.

**BUY 4
GET 1
FREE!**



Ovation M Mechanical Volume-Set Pipette

*Purchase 4, Receive 1 **FREE!**
Thomas No. 1199K50

Ovation QS Quick Set Digital Volume Adjustable Pipette

*Purchase 4, Receive 1 **FREE!**
Thomas No. 7736A00



Promotion ends December 31, 2016.

Please visit thomassci.com/deals for more information and to download redemption form.

*Offer does not apply to the purchase of multi-pipette sets. Qualifying pipettes must be purchased in a single transaction.



Demo Program Ask about our **No Obligation 2 Week Trial** or visit thomassci.com/deals



Our Family is Growing!

Introducing UV/VIS Excellence Spectrophotometers

When the daily demands of your process require the best: speed, accuracy, quality, you count on METTLER TOLEDO. We are pleased to bring you the next evolution in our solution portfolio, our revolutionary new UV/VIS Excellence line. Quick and easy-to-use, our spectrophotometers deliver reliable measurements in seconds thanks to the familiar OneClick™ interface. The compact footprint keeps bench space free, and LabX® platform integration allows you to manage spectral data right alongside your existing METTLER TOLEDO instruments.

Call **(800) 345-2100** or visit www.thomassci.com to learn more.

METTLER TOLEDO

THE NEXT NEW THING IN MICROSCOPY



APPLICATION SPECIALISTS AVAILABLE FOR
ONSITE PRODUCT DEMONSTRATIONS

Contact your Thomas Scientific Sales Representative. Visit thomassci.com Search: Laxco



Microtox® M500

Toxicity test system is the industry standard for laboratory-based rapid acute toxicity analysis and screening.

- Accurate and actionable results in 30 minutes or less
- Easy to use bench-based test system with no need for tanks, culturing or manual counting
- Cost effective screening tool for source water protection and process control
- Proven sensitivity to over 2700 chemicals
- Only 2mL of sample required
- Whole Effluent Toxicity surrogate



Microtox® M500 toxicity test system is uniquely suited to performing rapid acute toxicity testing in very different kinds of applications including drinking water protection, wastewater discharge permitting, drilling mud disposal, mine water discharge, industrial water discharge, etc. With a new instrument price of \$12999 Modern Water is focused on making laboratory grade toxicity testing accessible to all customers.

Learn more about the technology and its applications at thomassci.com Keyword: 1199R87



MODERNWATER



-125...+425°C

www.huber-usa.com

MINICHILLERS

WITH **ECO**FRIENDLY
REFRIGERANT AS STANDARD

- Natural refrigerant propane R290
- Working temperatures from -20°C to +80°C
- Robust stainless steel construction
- Powerful circulation pump 20 l/min
- Option for heating / temperatures up to +100°C



huber
high precision thermoregulation

For additional information, please visit:
thomassci.com Keyword: 1195Z81

Boekel Scientific™ RapidFISH Slide Hybridization Oven

Rapid, High Performance, In-Situ Hybridizing System for Microscope Slides

The RapidFISH was designed to simplify Fluorescent In-Situ Hybridization (FISH) procedures for FFPE (formalin fixed paraffin embedded tissue) samples, cell suspensions, and other tissue preparation procedures.

- Automatic clamping slide tray system
- Superior specimen humidification
- Excellent temperature performance
- Programmable heating modes
- Easy-to-use control system
- Two-year manufacturer's warranty

Application Highlights

Histology, Pathology, FFPE sample storage, Cancer Research, Cancer Diagnosis, Genetic Research, Genetic Diagnosis

Thomas No.	Description
1181F41	RapidFISH Slide Hybridization Oven, 115V
1181F42	RapidFISH Slide Hybridization Oven, 230V

Supplied with slide tray, slide holder, detachable line cord and owners manual



For more product information, please visit thomassci.com
Keyword RapidFISH

Dry block heaters and Shakers Trayster & Loopster available through Thomas Scientific



Dry block heaters

Digital block heaters for aluminum blocks provide precise temperature control in small vessels.



Trayster & Loopster

Suitable for separating and mixing processes of powdered and liquid samples, usable in incubators.



Basic & digital units are available!

For more information about our products, please visit:
thomassci.com



Student Friendly Spectrophotometer

The Thermo Scientific™ SPECTRONIC™ 200 Visible Spectrophotometer brings new possibilities to student education:

- Trusted live display supports current experiments
- Full spectrum scan mode finds peaks in seconds for high throughput
- Removable sample compartment for easy clean-up
- Measure in square or test tube cuvettes

Request a free trial unit for your classroom at thermoscientific.com/spec200freetrial

Thermo
S C I E N T I F I C

A Thermo Fisher Scientific Brand

Thomas No. 1221T64

Limited time offer!

Buy 2 Get 1 FREE!

Thermo Scientific Cimarec+ 7x7 120V Ceramic Hotplate Stirrer!

Thomas No. 1185Z66

Promo Price **\$978**

Must use above Thomas part number so all 3 ship together for the price of 2!

Promotion valid through September 30, 2016



- Internal redesign with new high quality components
- Redesigned body/casing that is designed to keep spills or liquids away from the controller
- Digital display of both RPM and temperature
- Now usable with an optional temperature probe for precise control
- Automatic over temperature protection for added safety
- Hassle free 3 year warranty! (No servicing, we will replace at no charge)

Thermo SCIENTIFIC

ALL NEW Cimarec+



New! Thermo Scientific Digital Dry Bath / Block Heater

Increase lab versatility with the Thermo Scientific digital dry baths / block heaters, which offer a range of configurations with interchangeable modular blocks for a variety of application needs.

Thomas No.	Mfr No.	Description
1188Y70	88870001	Single Block Digital Dry Bath/Block Heater with Timer, 120V
1188Y78	88870101	46 x ø6 mm block
1188Y79	88870102	28 x ø10 mm block
1188Y80	88870103	28 x 1.5 ml block
1188Y81	88870104	28 x 2.0 ml block
1188Y82	88870105	24 x ø13 mm block
1188Y83	88870106	15 x ø16 mm block
1188Y84	88870107	12 x ø18 mm block
1188Y85	88870108	8 x ø20 mm block
1188Y86	88870109	6 x ø25 mm block
1188Y87	88870110	40 x 0.5 ml block
1188Y88	88870111	1 x 96-well Elisa block
1188Y89	88870112	Mixed block 32 x ø6 mm + 21 x 10 mm
1188Y90	88870113	Mixed block 18 x 1.5 ml + 10 x 2.0 ml
1188Y91	88870114	Mixed block 3 x ø25 mm+ 12 x ø12~13 mm+ 6 x ø6 mm
1188Y92	88870115	Mixed block 30 x 0.5 ml + 20 x 0.2 ml
1188Y93	88870116	Flat bottom, 15 x 15 ml block
1188Y94	88870117	Flat bottom, 4 x 50 ml block
1188Y95	88870118	Conical bottom, 15 x 15 ml block
1188Y96	88870119	Conical bottom, 4 x 50 ml block
1188Y97	88870120	1 x 96 0.2 ml non-skirted PCR plate block
1188Y98	88870121	1 x 96 0.2 ml, half or full skirted PCR plate block

FEATURES

- Digital controls and display of time and temperature
- Built-in temperature sensing probe for outstanding temperature accuracy and control
- Precise temperature control with PID circuit
- Temperature calibration enables to offset the temperature to desired value
- Timer allows the user to accurately monitor the heating time
- Interchangeable aluminum alloy sample blocks provide versatility and allow for easy cleaning and disinfecting
- Powder-coated steel body construction ensures durability

Special Offer! Purchase a Thermo Scientific single block digital dry bath / block heater (Thomas #1188Y70), receive a free block of your choice. Visit thomassci.com/deals for redemption. Offer good through September 30, 2016.

Thermo SCIENTIFIC
Part of Thermo Fisher Scientific

SPECIAL PROMOTION

Thermo Scientific Owl Series

Electrophoresis Products



EC-300XL

Receive a Thermo Scientific EC-300XL Power Supply with the purchase of any three Owl Series gel boxes



HEP-1



PBDS



B1



A6



D3-14

A Savings of Over \$600!

Thomas No.	Cat. No.	Description
------------	----------	-------------

Horizontal Systems

4266J31	A1	Owl A1 Horizontal Electrophoresis System 13 x 25 cm / 150 Max. Samples
4266J35	A2	Owl A2 Horizontal Electrophoresis System 20 x 25 cm / 432 Max. Samples
4266J20	A3-1	Owl A3-1 Horizontal Electrophoresis System 23 x 40 cm / 600 Max. Samples
4260G31	A5	Owl A5 Recirculating Horizontal Electrophoresis System 20 x 25 cm / 432 Max. Samples
4266J25	A6	Owl A6 Wide Format Horizontal Electrophoresis System 23 x 25 cm / 500 Max. Samples
4266H25	B1	Owl B1 Horizontal Mini-gel System 9 x 11 cm / 34 Max. Samples
4266H01	B1A	Owl B1A Horizontal Mini-gel System 7 x 8 cm / 24 Max. Samples
4266H51	B2	Owl B2 Horizontal Mini-gel System 12 x 14 cm / 48 Max. Samples
4260G01	B3	Owl B3 Recirculating Horizontal Electrophoresis System 12 x 14 cm / 50 Max. Samples
4266H75	D2	Owl D2 Horizontal Mini-gel System 14.4 x 10.2 cm / 80 Max. Samples
4266J01	D3-14	Owl D3-14 Wide Format Horizontal Electrophoresis System 23.5 x 14 cm / 200 Max. Samples

Vertical Systems

4266K20	P82	Owl P82 Vertical Dual Gel System 10 x 10 cm / 20 Max. Samples
4266K57	P9DS	Owl P9DS Vertical Dual Gel System 16 x 14 cm / 30 Max. Samples

Blotters

4313J56	HEP-1™	Owl HEP-1 Semi-dry Electroblotter 20 x 20 cm
---------	--------	--

Additional Thermo Scientific gel boxes not listed qualify for this limited time offer. Talk to your sales representative for more information.

Thermo
SCIENTIFIC

To redeem your free EC-300XL Power Supply download the Owl Series Electrophoresis Promotion at: thomassci.com/deals. Offer valid through 12/31/16.

3-YEAR
CENTRIFUGE
WARRANTY
INCLUDED!

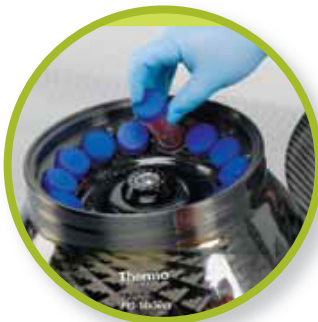
More samples, more speed your answers faster

Thermo Scientific Heraeus General Purpose Centrifuges



¹ Restrictions apply. Please see thermoscientific.com/heraeusspinitwarranty for complete warranty offer and coverage details.

Featuring Thermo Scientific™ innovations:



Fiberlite™ carbon fiber rotors



Auto-Lock™ rotor exchange



ClickSeal™ biocontainment lids



4-liter capacity TX-1000 rotor

Now available

Application-focused packages

Order your centrifuge, rotor and accessories with 1 part number!

Visit thomassci.com Keyword: **Heraeus Package**

Valid through December 31, 2016

Thermo
SCIENTIFIC

SPECIAL LIMITED TIME OFFER!

your samples

To the rest of the world these are samples. To us they are a scientist's life's work. A lab's mission. A company's breakthrough. Sample integrity is our singular obsession. Our cryopreservation storage products and accessories offer a comprehensive solution for every stage of your application.

our obsession

Purchase a Thermo Scientific Locator LN2 Cryogenic Storage System, with or without Level Monitor & receive a FREE wheeled cart!

A value up to \$349.

Receive Thermo Scientific No. AY509X1 for Locator Jr, Locator 4, Locator 8 or AY509X1-70 for Locator 6.

Qualifying Storage Systems:

PROMO NO.	Thomas No.	Description
CY50925PROMO	5149C20	Locator Jr Cryo Vessel and free wheeled cart
CY50955PROMO	1197N63	Locator Jr Cryo Vessel with level monitor and free wheeled cart
CY50935PROMO	5149C10	Locator 4 Cryo Vessel and free wheeled cart
CY50965PROMO	5149C30	Locator 4 Cryo Vessel with level monitor and free wheeled cart
CY50945PROMO	5149C15	Locator 8 Cryo Vessel with free wheeled cart
CY50975PROMO	1194F88	Locator 8 Cryo Vessel with level monitor and free wheeled cart
CY50985PROMO	1222V88	Locator 6 Cryo Vessel with free wheeled cart
CY509113PROMO	1195R29	Locator 6 Cryo Vessel with level monitor and free wheeled cart



Offer good through
December 31, 2016





VELP VORTEX MIXERS, A VORTEX OF MODERNITY IN YOUR LAB!

VELP offers unmatched experience in manufacturing **reliable** and **resistant** vortex mixers. A wide range of units equipped with the latest technology, fixed or adjustable speed, digital timer, continuous or touch/sensor mode (**VELP Patented Solution**) and with a 25 months warranty. For the next months in all the RX, ZX, TX, WIZARD and CLASSIC will be included a **free sample** of the new **mixing cup head** (random in black, green, white or red) guaranteeing enhanced performance with a soft-touch material.

Please visit thomassci.com Search **VELP**

Boekel Scientific™ Heat / Cool Thermal Mixer II

Mixing and Temperature Control for small samples



Specifications

Item	Description
Speed	250 - 3000 RPM; in increments of 50 RPMs
Temperature Range	15° C below ambient to 100° C
Timer	0 to 99 Hours : 59 Minutes : 59 Seconds / Hold
Operating Temperature	10° C to 30° C
Dimensions	W: 7" D: 11" H: 7.5"
Electrical Requirements	12 VDC via 115/230V AC Adapter - UL, CE, CSA approved

Ordering Information

Item	Part Number	Thomas Number
Heat / Cool Thermal Mixer II	270800	1196R35
Heat Only Thermal Mixer II	270900	1187J93
Block, 24 x 0.5ml Tubes	270810	1196R36
Block, 24 x 1.5ml Tubes	270811	1196R38
Block, 24 x 2.0ml Tubes	270812	1196R37
Block, 8 x 5.0ml Tubes	270813	1196R39
Block, 24 x 12mm Tubes	270814	1196R40
Block, 24 x Cryo Tubes	270815	1196R41
Block, 8 x 15ml Conical Tubes	270816	1196R42
Block, 4 x 50ml Conical Tubes	270817	1196R43
Block, Standard/Deep Microplate	270818	1196R44
Block, 96 Well PCR Plate	270819	1196R45
Block, 384 Well PCR Plate	270820	1196R46
Block, 24 x 1.5ml Tubes	270811	1196R37
Block, 24 x 2.0ml Tubes	270812	1196R38

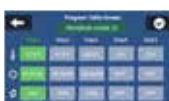
Intuitive Menu Navigation



- » **View and access all parameters from the home screen**
 - The home display indicates the step number and program name
 - The unit operating status is indicated by bright red text
 - The "Stop, Play, Pause, Skip and Quick Mix" icons are easy to use



- » **Instantly change the parameters for a step**
 - Turn off or on parameters as needed during the process
 - The minimum and maximum parameters are automatically determined by the block type



- » **View and modify all steps on the program screen**
 - Automatically repeat a sequence as many times as needed
 - Easily turn off steps that are not needed



- » **Easily select, launch, change, and save programs**
 - Programs can have long text names for easy process recall
 - Turn on the parameter lock to protect important processes
 - Stores up to 25 programs

» **Large Color Touch Screen**

» **Intuitive Navigation**

» **Interchangeable Blocks**

» **Auto-recognition of Blocks**

» **Two-year Warranty**



Each unit is supplied with a **Thomas # 1196R38** block.

Captair Smart Ductless Fume Hoods



Captair Smart 483 Ductless Fume Hood

The most advanced molecular filtration technology available.

Thomas No.	Description	List Price*
1179U04	Captair 321 Smart Ductless Fumehood, 90-220V/50-60Hz	\$3,399.00
1179U05	Captair 391 Smart Ductless Fumehood, 90-220V/50-60Hz	\$4,099.00
1179U06	Captair 481 Smart Ductless Fumehood, 90-220V/50-60Hz	\$5,149.00
1179U07	Captair 392 Smart Ductless Fumehood, 90-220V/50-60Hz	\$5,499.00
1179U08	Captair 483 Smart Ductless Fumehood, 90-220V/50-60Hz	\$6,499.00
1179U09	Captair 633 Smart Ductless Fumehood, 90-220V/50-60Hz	\$7,449.00
1179U10	Captair 714 Smart Ductless Fumehood, 90-220V/50-60Hz	\$8,899.00

**Filters sold separately*

For more product information and corresponding accessories, please visit thomassci.com Keyword: **1179U04**

Erlab's Captair Smart ductless fume hoods feature the BE+ filter, the most advanced molecular filtration technology available. Multiple chemical types can be adsorbed at the same time, so **you are no longer limited to application-specific filters** or the inability to adapt to new lab processes.

What you get with every Erlab ductless fume hood:

Guaranteed user protection due to:

- a true analysis of your chemical handlings
- a certificate of validation for your filters/hood
- a safety specialist to be sure your hood is at optimal performance
- Energy efficiency (max output 261W)
- Elimination of toxic fumes
- Cleaner air in your lab
- Adheres to the AFNOR NFX 15-211 and ANSI z9.5 filtration efficiency standards
- Lifetime warranty





Glassware Washers

Choose from
**1 Year
Extended
Warranty
OR
\$700 Credit
towards
accessories!**



Thomas No. 1183J35
GW0160 Laboratory Washer

Thomas No. 1183J45
GW4190 Laboratory
Washer with Dryer



Please visit thomassci.com/deals for more information and redemption form. Offer expires December 31, 2016.

Save on Welch® Vacuum Pumps!



Dry Vacuum Pumps



Model 2019



DryFast 2014



DryFast 2034



DuoSeal 1400

**Free 5' Tubing
with Select
Pump Purchases
(\$50 Value!)**

Purchase 7893N65, 7893N67
or 1233K63 and receive
Welch Item # 331030-5 Free!

Dry Vacuum Pumps – for non-aggressive aqueous-based vapors

WOB'L piston pumps provide high vacuum or pressure performance with enhanced control. A great replacement for finicky House vacuums or wasteful water aspirator vacuum. Not recommended for pumping acidic, basic or organic fumes. 115V/60Hz.

Model 2019 Vacuum Pump – Resistant to moderate organic and acid/base vapors

Affordable Model 2019 diaphragm vacuum pump is durable and chemical resistant. Use Model 2019 for vacuum filtration, desiccation, degassing, and other mid-range vacuum applications. Free air flow 37L/min; Maximum vacuum 24" Hg.

DryFast Oil-Free PTFE Vacuum Pumps – Resistant to harsh chemical vapors

Tune-able Vacuum for Chemical Applications - filtrations and solvent evaporations - rotovaps, concentrators, & vacuum ovens. Choose from models ranging from 40 torr (filtration, low B.P. evaporations) to fast evaporations of high B.P. solvents like DMF at 2 torr.

DuoSeal Belt-Drive Vacuum Pumps – Deep vacuum applications

Rugged oil-seal pumps for a wide variety of laboratory vacuum needs. Thomas No. 7893Q27 is a single stage pump, effective for vacuum distillation and manifold (Schlenk line) drying. Use the 2-stage Thomas No. 7893Q10 for large drying manifolds, degassing, and rotary evaporation of high-boiling solvents.

Special pricing & Free tubing offer valid thru 12/31/16

To receive special pricing, please use Promo Code: 0716

Visit www.thomassci.com/deals to download redemption form.

Thomas No.	Description	List Price	Sale Price
Dry Vacuum Pumps			
7893N65	Standard Duty Pump 2522, 1 Stage, 22 lpm, 115V/60Hz., 26" Hg	565.00	524.64
7893N67	Standard Duty Pump 2534, 1 Stage, 34 lpm, 115V/60Hz., 27.2" Hg	645.00	598.93
1233K63	Pres / Vac Piston Pump 2546, 115V/60Hz, 46 lpm, 27.6" Hg	710.00	659.29
Model 2019 vacuum pump			
1204C21	Vacuum filtration pump, Chemical resistant, 37 L/min, 24" Hg, 115V	795.00	738.21
DryFast Oil-Free PTFE Vacuum Pumps			
1208U34	DryFast 2014 oil-free dry diaphragm vacuum pump, PTFE, 40 torr, 35 L/min, 115V	1,380.00	1,281.43
1208U36	DryFast 2034 oil-free dry diaphragm vacuum pump, PTFE, 9 torr, 25 L/min, 115V	1,930.00	1,792.14
1208U44	DryFast 2032 oil-free dry diaphragm vacuum pump, PTFE, 2torr, 25 L/min, 115V	2,760.00	2,562.86
DuoSeal Belt-Drive Oil Seal Vacuum Pumps			
7893Q27	DuoSeal Pump, 35L/min, 115V 60Hz, 1 Stage	1,775.00	1,625.00
7893Q10	DuoSeal Pump, 25L/min, 115V 60Hz, 2 Stage	2,040.00	1,860.00

SALE

KBF

Environmental/Humidity
Test Chambers



BINDER KBF Series + FREE BINDER Pure Aqua

with combined savings of over \$2,700
Promo valid July 1 through Dec 31, 2016

For Optimal Test Conditions

► Large Temperature and Humidity Range

- Temperature accuracy and reproducible results
- Maximum parameter uniformity

► Best in Class Temperature and Humidity Uniformity

- Best in Class under full load conditions
- Lowest air velocity

► Water Management

- Water Source Choices
 - ▲ Deionized water in the range of 1-20 µS/cm
 - ▲ Tap water + Pure Aqua filter
 - ▲ Water tanks
- Drain pump to expel water with 3 feet possible elevation
- Steam humidity generator for fast recovery time and neutral temperature effect
- All 240 volt units are UL listed

BUY one unit at 10% off List Price

over \$1,500 in savings

KBF

Humidity chamber with large temperature and humidity range

KBF P

Humidity chamber with ICH compliant light source

KBF LQC

Humidity chamber with ICH compliant light source and light dosage control



Thomas No.	Part No.	Description
1180A66	9020-0267	KBF115 Climate Chamber, 230v + Pure Aqua Promo
1180A67	9020-0268	KBF115UL Climate Chamber, 240v + Pure Aqua Promo
1180A68	9020-0269	KBF240 Climate Chamber, 230v + Pure Aqua Promo
1180A69	9020-0270	KBF240UL Climate Chamber, 240v + Pure Aqua Promo
1180A70	9020-0271	KBF720 Climate Chamber, 230v + Pure Aqua Promo
1180A71	9020-0272	KBF720UL Climate Chamber, 240v + Pure Aqua Promo
1180A72	9020-0264	KBF1020 Climate Chamber, 230v + Pure Aqua Promo
1180A73	9020-0315	KBF1020UL Climate Chamber, 240v + Pure Aqua Promo
1180A74	9020-0273	KBF P240 Climate Chamber, 230v + Pure Aqua Promo
1180A75	9020-0274	KBF P240UL Climate Chamber, 240v + Pure Aqua Promo
1180A76	9020-0275	KBF P720 Climate Chamber, 230v + Pure Aqua Promo
1180A77	9020-0276	KBF P720UL Climate Chamber, 240v + Pure Aqua Promo
1180A78	9020-0277	KBF LQC240 Climate Chamber, 230v + Pure Aqua Promo
1180A79	9020-0278	KBF LQC240UL Climate Chamber, 240v + Pure Aqua Promo
1180A80	9020-0279	KBF LQC720 Climate Chamber, 230v + Pure Aqua Promo
1180A81	9020-0280	KBF LQC720UL Climate Chamber, 240v + Pure Aqua Promo

No promo code needed. **10% off** reflected in list price. Order using specified *Thomas part #s.*

Get a FREE BINDER Pure Aqua (over \$1,200 value)

Provides excellent water quality for ideal test conditions

with cartridges, hoses and measurement device



Best conditions for your success

Make your meter better.



Improve the performance of your pH meter by using a Thermo Scientific™ Orion™ ROSS™ electrode.

- More accurate
- More stable
- Faster
- Fewer electrode replacements



The pH electrode is the biggest factor affecting a pH meter’s performance. Thermo Scientific Orion ROSS electrodes are the “gold standard” in pH measurement. They contain a unique reference cell providing greater accuracy, faster response time and more stability – regardless of sample temperature.

Look for the orange coil inside the electrode that tells you it’s a ROSS electrode. ROSS electrodes are available in a wide variety of styles and are perfect for high precision pH readings, difficult samples and varying temperatures. Need a long-lasting electrode? ROSS pH electrodes offer the longest warranty in the industry – up to two years!

ROSS Ultra premium pH electrodes 2 year warranty	
Thomas No.	Description
1234Y69	ROSS Ultra combination electrode with epoxy body, BNC connector
1234Y64	ROSS Ultra combination electrode with glass body, BNC connector
1234Y65	ROSS Ultra combination electrode with glass body, semi-micro tip, BNC connector
1234Y66	ROSS Ultra combination electrode with glass body, rugged bulb, BNC connector
1234Y67	ROSS Ultra combination electrode with epoxy body, rugged bulb, BNC connector
1234Y68	ROSS Ultra combination electrode with epoxy body, flat surface, BNC connector
1229X45	ROSS Ultra pH/ATC Triode electrode with epoxy body, low maintenance gel, BNC connector
1229X48	ROSS Ultra pH/ATC Triode electrode with epoxy body, low maintenance gel, BNC connector, 3m cable
1229X46	ROSS Ultra pH/ATC Triode electrode with epoxy body, BNC connector, 3m cable
1222U09	ROSS Ultra pH/ATC Triode electrode with glass body, BNC connector
ROSS Sure-Flow pH electrodes Free-flowing, dog-free sleeve junction ideal for viscous or colloidal samples	
1234Y72	ROSS Sure-Flow combination electrode, glass body, BNC connector
1234Y71	ROSS Sure-Flow combination electrode, epoxy body, BNC connector
1226F92	ROSS Sure-Flow combination electrode, epoxy body, EDIN connector
1234Y73	ROSS Sure-Flow combination electrode, epoxy body, semi-micro tip, BNC connector

ROSS pH electrodes For precision measurement in general purpose applications	
Thomas No.	Description
1226F95	ROSS PerpHect combination micro electrode, glass body, BNC connector
4153R08	ROSS combination electrode, glass body, BNC connector
0732N53	ROSS combination electrode, glass body, screw cap connector
4153Q92	ROSS combination electrode, glass body, semi-micro tip, BNC connector
0732N51	ROSS combination electrode, glass body, semi-micro tip, screw cap connector
4153R02	ROSS combination electrode, glass body, rugged bulb, BNC connector
0732N52	ROSS combination electrode, glass body, rugged bulb, screw cap connector
4153R32	ROSS combination electrode, epoxy body, semi-micro tip, BNC connector
0732N56	ROSS combination electrode, epoxy body, semi-micro tip, screw cap connector
4153R26	ROSS combination electrode, epoxy body, flat surface, BNC connector
0732N55	ROSS combination electrode, epoxy body, flat surface, screw cap connector
0732N54	ROSS combination electrode, epoxy body, screw cap connector
4153R20	ROSS combination electrode, epoxy body, BNC connector
4153R24	ROSS combination electrode, glass body, 14/15 standard taper, screw cap connector
1234Y70	ROSS combination electrode, glass body, spear tip, BNC connector
1226F91	ROSS combination electrode, glass body, spear tip, screw cap connector

For more information, please visit: www.thomassci.com

talboys™



Buy a Thermal Shake Touch and Get an Additional Block Free

- Intuitive 4.3" color LCD touch screen
- High speed shaking
- Temperature control from 17° below ambient to 100°C
- Internal memory stores five separate 5-step programs (unlimited if using the USB)
- Supplied with 1.5mL block
- 5 year limited warranty on parts and labor
- Manufactured in the USA

Purchase a Thermal Shake Touch or Cooling Thermal Shake Touch and Get an Additional Block Free.

Units are supplied with a 1.5 mL block with clear rack and cover

Description	Thomas No.
Purchase a Thermal Shake Touch	
Thermal Shake Touch with 1.5 mL Block	1207U31
Cooling Thermal Shake Touch with 1.5 mL Block	1207U27
Select One FREE Block Below	
Microplate Thermal Block with Lid	1207U35
0.5 mL Microtube Block*	1207U36
1.5 mL Microtube Block*	1207U37
2.0 mL Microtube Block*	1207U38
12 mm Microtube Block	1207U39
2.0 mL Cryo Tube Block	1207U40
15 mL Conical Tube Block	1207U41
50 mL Conical Tube Block	1207U42



**Supplied with clear rack and cover*

Please visit: thomasci.com/deals for redemption form. Offer expires 9-30-2016.

Buy a Precision™ General Purpose Water Bath, get 2 Free Unwire Racks!

Order a Precision™ General Purpose Water Bath and Get 2 Nalgene Unwire™ Test Tube Racks (1 full size and 1 half size).

Please use the below special promotional part numbers to receive your Free Nalgene Unwire Test Tube Racks. No redemption form needed.

Thomas No.	Description
1179R73	2 Liter General Purpose Water Bath
1179R74	2 Liter (Shallow) General Purpose Water Bath
1179R75	5 Liter General Purpose Water Bath
1179R76	10 Liter General Purpose Water Bath
1179R77	20 Liter General Purpose Water Bath
1179R78	28 Liter General Purpose Water Bath
1179R79	5 Liter & 10 Liter (Dual) General Purpose Water Bath

Expires September 30, 2016



**Thermo
SCIENTIFIC**

Thomas Challenge
Thomas Challenge
Thomas Challenge

Take the Thomas Challenge

We'll beat your price on an Equipment Quote
or find you a better product for a great price!

Please visit thomassci.com/deals and click
"Take the Thomas Challenge"

Please send us some information on what you
are looking for and we'll send you a quote.
It's that easy!

Your
complete
source for
all your

Equipment & Instrumentation needs!

Up-to-date product portfolio offering the markets most advanced technologies.

Place your order today — thomassci.com or 800.345.2100

We carry all the top brands:



Thomas
Scientific

We Believe You Are Important
— How Can We Help?

800.345.2100 • 800.345.5232 fax
PO Box 99 • Swedesboro, NJ 08085
thomassci.com • value@thomassci.com

