# Spring Edition 2017 Spring Edition 2017

**Supplies • Equipment • Instruments • Chemicals/Reagents** 

### **Corning**

Two Special Offers on Corning® Equipment and PYREX®, PYREX-PLUS®, or PYREX VISTA™ Reusable Glassware Products

See page 11

#### **Thermo Scientific**

Receive two extra shelves with the purchase of a Heratherm™ benchtop microbiological incubator or heating and drying oven

See page 12

#### Labconco

Free Filter Pack with purchase of a WaterPro® BT™ System

See page 8

#### Thermo Scientific

Special Offer on Thermo Scientific™

Nunc™ Flasks, Dishes and Multidishes

See page 23

## Thomas Scientific

We Believe You Are Important

- How Can We Help?

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Special offers and pricing are valid through June 30, 2017, 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.

### analytikjena













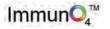
oliers featured in this issue are:

































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LAB BASICS

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Offers begin **February 6** and end **June 30, 2017**. Please use **Promo Code 0217** to receive special pricing.



#### Lambda<sup>™</sup> Plus Single-Channel Pipettors

Thomas No.	Mfr. List	Promo List
1223N47	213.06	181.10
1223N48	213.06	181.10
1223N49	213.06	181.10
1223N50	213.06	181.10
1223N51	213.06	181.10
1223N52	213.06	181.10



#### LSE™ Mini Microcentrifuge

Thomas No.	Mfr. List	Promo List
1223N62	259.35	233.40

Visit **thomassci.com/cls** to download redemption forms for both of these great deals!

## Buy 2, Get 1 Free!

- Factory calibrated to strict ISO 8655 standards
- 3-year warranty
- Fully autoclavable and UV-resistant
- Designed for universal fit with all common brands of pipet tips
- Adjustable tip ejectorz

### Buy 1, Get a Vortex Mixer Free! (Thomas No. 1223N64)

- Compact, lightweight and easy-to-use
- Close the lid to start, press the lid release button to stop
- 8 x 1.5/2.0 mL rotor and 4-place strip tube rotors included
- Fixed speed of 6000 rpm generates 2000 x g

Offers subject to change without notice. Please allow 4-6 weeks for delivery of free products when applicable. Promotion begins February 6, 2017 and expires June 30, 2017. Form must be received by July 15, 2017. Please fax or email, along with Thomas Scientific Proof-of Purchase, to: **Thomas Marketing:** Fax **856.467.5167** Email **Marketing@thomassci.com** 









## Diamond High-Performance Pipettor Starter Packs

## **EXTRAORDINARY VALUES!**



Every starter pack contains 4 high-performance Diamond Pipettors, **4 FULL boxes** of racked pipette tips and a pipettor stand!





When you can't be there TraceableLIVE® alerts you via your smartphone, tablet, or computer at any time...



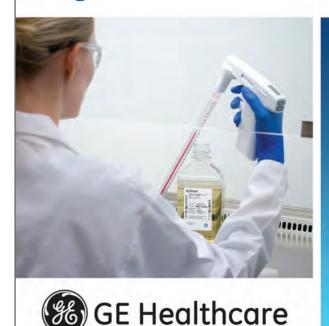


Learn more at www.thomassci.com

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## **HyClone**<sup>™</sup> now available through Thomas Scientific!



A comprehensive range of cell culture products, including:

- Sera
- Media and supplements
- Buffers and water
- Antibiotics and selection agents
- Cell dissociation reagents
- Stem cell portfolio



**Ultrapure Lab Grade Water from Almost Any Sink** 

## WaterPro® BT<sup>™</sup> System

- Compact
- Portable
- Type I, 18.2 MΩ Water
- Type III, RO Water
- Optional UV Lamp for TOC and bacteria reduction
- Optional Remote Dispense with stand

## Special offer:

## Free Filter Pack worth over \$650!

Filter Pack includes twin cartridges with pretreatment, reverse osmosis, activated carbon and deionization filtration.



#### **Ordering Information**

Thomas No.	Mfr. No.	Description	UV Lamp	Remote Dispense	List Price
1201X60	9015020	WaterPro BT System with 115 volt, 15 amp plug	_	_	\$4,785.76
1201X61	9015040	WaterPro BT System with North America, 230 volt plug	_	_	\$4,785.76
1201X62	9015220	WaterPro BT System with 115 volts, 15 amp plug	_	•	\$5,392.40
1201X63	9015240	WaterPro BT System with North America, 230 volt plug	_	•	\$5,392.40
1201X64	9015120	WaterPro BT System with 115 volt, 15 amp plug	•	_	\$5,428.69
1201X65	9015140	WaterPro BT System with North America, 230 volt plug	•	_	\$5,428.69
1201X66	9015320	WaterPro BT System with 115 volts, 15 amp plug	•	•	\$5,890.16
1201X67	9015340	WaterPro BT System with North America, 230 volt plug	•	•	\$5,890.16
1201X68	9019200	WaterPro BT Filter Pack (required for operation)	_	_	\$694.79



#### Free Filter Pack with Purchase!

Visit thomassci.com/deals for redemption. Offer expires December 31, 2017



#### **Sartorius QUINTIX® Standard Laboratory Balances**

Reliable Weighing for Faster, More Accurate Results

#### Sartorius Quintix® sets new benchmarks in every aspect for standard lab balances.

- Improve reliability and accuracy with isoCAL, the automatic internal calibration and adjustment function
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- 11 integrated programs to accommodate various weighing applications
- Easy data transfer to PC saves time and minimizes errors
- Tamper-proof supervisor lock protects the system settings from unintentional changes







Design 3



Design 4

#### **QUINTIX®** Balances

have Integrated Applications that include:

- Weighing
- Peak Hold
- Mixing
- Checkweighing
- Components
- Counting
- Statistics
- Percentage
- Conversion
- Unstable
- Density
- Conditions

Thomas No.	Model	Capacity	Readability	Repeatability (±)	Pan Size, Ø	Design
1189K97	Quintix65-1S	40 60 g	0.01 mg	0.03 0.04 mg	80 mm	1
1204C33	Quintix224-1S	220 g	0.1 mg	0.1 mg	90 mm	2
1204C35	Quintix313-1S	310 g	1 mg	1 mg	120 mm	3
1204C41	Quintix5102-1S	5,100 g	0.01 g	0.01 g	180 mm	4
1204C42	Quintix5101-1S	5,100 g	0.1 g	0.1 g	180 mm	4

Thomas No.	Model	List	Sale Price	
1189K97	Quintix65-1S	\$5,387.21	\$4,040.41	
1204C33	Quintix224-15	\$4,237.70	\$3,178.28	
1204C35	Quintix313-15	\$2,366.95	\$1,775.21	
1204C41	Quintix5102-1S	\$3,245.29	\$2,433.97	
1204C42	Quintix5101-1S	\$1,870.74	\$1,403.06	

Special Pricing!
Save 25% off list

For more information about Quintix<sup>™</sup> Laboratory balances, visit **www.thomassci.com**, Keyword: **Quintix**Special Pricing valid April 1 – July 31, 2017.

## Corning® NutriStem® hPSC XF Medium

A superior xeno-free, serum-free culture medium for hES and hiPS cells





- Complete, ready-to-use
- Superior proliferation of undifferentiated hES and hiPS cells
- Stable pluripotency and genotype over long-term culture
- Extensively tested and widely referenced

#### **Optimize Cell Growth and Expansion in a Xeno-free Environment**

Corning NutriStem hPSC XF medium is a defined, medium designed to support the growth and expansion of human induced pluripotent stem (hiPS) and human embryonic stem (hES) cells in a feeder-free environment.



#### **Ordering Information**

#### **Corning NutriStem hPSC XF Medium**

Thomas No.	Description	Unit Size (mL)	Qty/Pk
C840D26	NutriStem hPSC XF medium, [+] HSA	500	1
C840D25	NutriStem hPSC XF medium, [+] HSA	100	1

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## Two Special Offers on Corning® Equipment and PYREX®, PYREXPLUS®, or PYREX VISTA™ Reusable Glassware Products





#### **OFFER 1: Buy \$500\* of Hot Plates or Stirrers (listed below):**

Thomas No.	Description
1233W82	Corning PC-400D hot plate with digital display (5" x 7" top)
5983C27	Corning PC-200 analog hot plate (4" x 5" top)
5983C03	Corning Scholar™ PC-170 hot plate (5" x 5" top)
1233W83	Corning PC-410D stirrer with digital display (5" x 7" top)
8613H80	Corning PC-210 analog stirrer (4" x 5" top)
8613G30	Corning Scholar PC-171 magnetic stirrer (5" x 5" top)

## ... and Receive 2 Cases of Select PYREX Reusable Glassware FREE (choose any 2):

#### **PYREX Beakers**

Thomas No.	Description
1531H37	10 mL
1531H46	20 mL
1531H56	30 mL
1531H66	50 mL
1531H76	100 mL
1531H86	150 mL
1531J11	250 mL double scale
1531J21	400 mL double scale
1531H76	600 mL double scale
1531H86	1L double scale

#### **PYREX Erlenmeyer Flasks**

Thomas No.	Description
4303G17	25 mL
4303G23	50 mL
4303G29	125 mL
4303G41	250 mL
4303G53	500 mL
4303G65	1L

#### **PYREX Pipets**

Thomas No.	Description
7406E11	1 mL
7406E17	2 mL
7406E37	5 mL
7406E67	10 mL

OFFER 2: Buy \$500\*\* worth of any PYREX, PYREXPLUS, or PYREX VISTA Reusable Glassware Products...

...and Receive Select Corning Equipment FREE (listed below):

#### Choose 1 of these:

Thomas No.	Description
1233W82	Corning PC-400D hot plate with digital display (5" x 7" top)
5983C27	Corning PC-200 analog hot plate (4" x 5" top)
1233W83	Corning PC-410D stirrer with digital display (5" x 7" top)
8613H80	Corning PC-210 analog stirrer (4" x 5" top)

#### Or both of these:

Thomas No.	Description
5983C03	Corning Scholar™ PC-170 hot plate (5" x 5" top)
8613G30	Corning Scholar PC-171 magnetic stirrer (5" x 5" top)

\*\* OFFER 2 products must be made on a single Purchase Order and excludes taxes and shipping costs.

#### Both offers can be redeemed once per lab.

For more information and to download redemption form, visit *thomassci.com/CLS - offers* 

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#### **thermo**scientific

Receive two extra shelves with the purchase of a Heratherm benchtop microbiological incubator or a Heratherm

heating and drying oven.

Thermo Scientific™ Heratherm™ Microbiological Incubators and Ovens feature:

- Three benchtop sizes (60L, 100L, or 180L).
- · Three tiers to choose from, ranging from basic to advanced features.
- Easy to use microprocessor controllers.
- · Corrosion-resistant stainless-steel chambers.
- · Flexible shelving.



Heratherm Incubator Shelves Shown (Oven shelves are wire mesh)

#### Available through June 30, 2017

This promotion is open to customers in U.S. and Canada only 2017. Cannot be combined with other discounts or promotion Valid only in connection with the purchase of the part numbers listed above ("Qualifying Purchase"). For each Qualifying Purchase, customer will receive one block ("Promotional Product"). Thermo Fisher reserves the right to substitute Promotional Product for another of equal or greater value. Offer void where prohibited, licensed or restricted by federal state, provincial, or local laws or regulation or agency/institutional policy. Other restrictions may apply. Customer acknowledges that this offer may include a discount or other price reduction that must be properly and accurately accounted for and reported by customer in accordance with all federal and state laws. including without limitation the federal anti-kickback law (42 C.F.R. § 1320a-7b(b)(3)(A)) and regulations there under (42 C.F.R. §1001.952(h)).



promotional part numbers when ordering your Heratherm incubator or oven, no redemption required.				
	Thomas No.	Cat No.	Description	

Microbiolo	Microbiological Indicators					
1171Y79	51028063SF	Heratherm 60L GP Incubator Gravity Convection 120V with 2 additional free shelves				
1171Y80	51028064SF	Heratherm 100L GP Incubator Gravity Convection 120V with 2 additional free shelves				
1171Y81	51028065SF	Heratherm 180L GP Incubator Gravity Convection 120V with 2 additional free shelves				
1171Y82	51028066SF	Heratherm 60L AP Incubator Dual Convection 120V with 2 additional free shelves				
1171Y83	51028067SF	Heratherm 100L AP Incubator Dual Convection 120V with 2 additional free shelves				
1171Y84	51028068SF	Heratherm 180L AP Incubator Dual Convection 120V with 2 additional free shelves				
1171Y85	51028069SF	Heratherm 60L APS Incubator Dual Convection 120V with 2 additional free shelves				
1171Y86	51028070SF	Heratherm 100L APS Incubator Dual Convection 120V with 2 additional free shelves				
1171Y87	51028111SF	Heratherm 180L APS Incubator Dual Convection 120V with 2 additional free shelves				
Heating an	d Drying Ove	ens				
1171Y88	51028112SF	Heratherm 60L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves				
1171Y89	51028872SF	Heratherm 100L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves				
1171Y90	51028874SF	Heratherm 180L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves				
1171Y91	51028121SF	Heratherm 60L GP Oven Mechanical Convection, 50-250C, 120V with 2 additional free shelves				
1171Y92	51028873SF	Heratherm 100L GP Oven Mechanical Convection, 50-250C, 120V with 2 additional free shelves				
1171Y93	51028875SF	Heratherm 180L AP Incubator Dual Convection 120V with 2 additional free shelves				
1171Y94	51028115SF	Heratherm 60L APS Incubator Dual Convection 120V with 2 additional free shelves				
1171V0E	E10001160E	Haratherm 1001 ADS Insulator Dual Convention 100V with 2 additional free shakes				

Heratherm 100L APS Incubator Dual Convection 120V with 2 additional free shelves 51028116SF 1171Y96 51028117SF Heratherm 180L APS Incubator Dual Convection 120V with 2 additional free shelves 1171Y97 51028124SF Heratherm 60L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves 1171Y98 51028125SF Heratherm 100L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves 51028126SF Heratherm 180L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves 1171Y99 1171Z00 51028118SF Heratherm 60L APS Oven Gravity Convection, 50-330C, 120V with 2 additional free shelves Heratherm 100L APS Oven Gravity Convection, 50-330C, 208-240V 60Hz with 2 additional free shelves 1171Z01 51028119SF 1171Z02 51028120SF Heratherm 180L APS Oven Gravity Convection, 50-330C, 208-240V 60Hz with 2 additional free shelves 1171Z03 51028127SF Heratherm 60L APS Oven Mechanical Convection, 50-330C, 120V with 2 additional free shelves 1171Z04 51028128SF Heratherm 100L APS Oven Mechanical Convection, 50-330C, 208-240V 60Hz with 2 additional free shelves 51028129SF Heratherm 180L APS Oven Mechanical Convection, 50-330C, 208-240V 60Hz with 2 additional free shelves 1171Z05

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#### thermo scientific

## Trade up and save!

Upgrade to a new Thermo Scientific<sup>™</sup> general purpose centrifuge and get free pick-up and disposal of your old 1-4 L general purpose centrifuge.





## Thermo Scientific general purpose centrifuge series

#### Fits in.

- With compact designs spin 4 liters in a traditional
   3-liter footprint with the Thermo ScientificTX-1000 rotor
- Many applications, with a wide range of rotors and accessories

#### Stands out.

- · Designed for solid performance and consistent results
- Featuring innovative Thermo Scientific<sup>™</sup> technologies, including Auto-Lock<sup>™</sup> rotor exchange, ClickSeal biocontainment lids, and Fiberlite carbon fiber rotors

**Act now!** Contact your Thomas Scientific representative to trade up your general purpose centrifuge today.

#### Limited time offer! Expires June 30, 2017.

Valid while supplies last for orders placed between January 1, 2017 and June 30, 2017 by residents of the United States, and only in connection with the trade in of general purpose centrifuges. Subject to manufacturer or dealer inspection of trade in. Customer must fulfill obligations in and complete N206 decontamination form prior to trade in, and follow instructions for packaging and staging for pickup. Manufacturer will contact customer to arrange pick up time for trade in within 10 days of receipt of completed form. Additional charges may apply if trade in is not available for pick up on pick up date. Savings based on Manufacturer's suggested list price. Subject to dealer participation. Actual savings may vary. All sales subject to manufacturer's standard terms and conditions of sale, available at www.thermoscientific.com. Manufacturer reserves the right to discontinue or modify this promotion at any time. Cannot be combined with other discounts or promotions. Offer void where prohibited, licensed or restricted by federal, state, provincial, or local laws or regulation or agency/institutional policy. Other restrictions may apply. Customer acknowledges that this offer may include a discount or other price reduction that must be properly and accurately accounted for and reported by customer in accordance with all federal and state laws, including without limitation the federal anti-kickback law (42 C.F.R. § 1320a-7b(b)(3)(A)) and regulations thereunder (42 C.F.R. § 1001.952(h)).

Looking to trade up a floor model centrifuge? Ask us how.

Visit: *thomassci.com* Search: Thermo General Purpose Centrifuge

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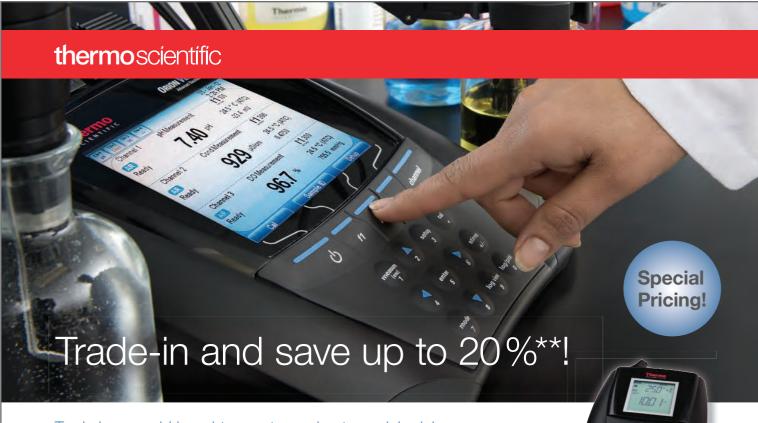
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designed for scientists

### The new distilling system: RV 8 V





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Now's the time to enjoy the measure of confidence.

Thermo Scientific™ Orion™ meters are designed to offer an easier way to test. Simple interfaces with onscreen prompts allow for easy training and consistent testing.

For versatility in the lab	Thermo Scientific™ Orion™ Versa Star Pro™ meter has a four channel design, allowing you to mix-and-match measurement modules as needed.
For everyday testing	Thermo Scientific™ Orion Star™ A210 series meters offer dedicated single and dual parameter measurement capabilities.
For a budget-friendly solution	Thermo Scientific Orion Star A110 series meters offer an economical solution for single parameter measurement needs.
For an all-in-one solution	Thermo Scientific Orion meters are available in kit versions, providing you with the electrodes, buffers and solutions you need at a great value.

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Offer valid through 6/30/17

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#### Buy products between 1/1/17 and 12/31/17.

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Free Dispensette S
Bottletop Dispenser!

	Recirculation Valve			
	No	Yes		
Volume mL	Thomas No.	Thomas No.		
Dispensette®	<i>S</i> Digital			
0.1-1	1183C55	1183C49		
0.2-2	1183C56	1183C50		
0.5-5	1183C57	1183C51		
1-10	1183C58	1183C52		
2.5-25	1183C59	1183C53		
5-50	1183C60	1183C54		
Dispensette®	<b>S</b> Analog			
0.1-1	1183C68	1183C61		
0.2-2	1183C69	1183C62		
0.5-5	1183C70	1183C63		
1-10	1183C71	1183C64		
2.5-25	1183C72	1183C65		
5-50	1183C73	1183C66		
10-100	1183C74	1183C67		
Dispensette® S Fixed				
1	1183C79	1183C75		
2	1183C80	1183C76		
5	1183C81	1183C77		

1183C82

1183C78

No	Yes
Organic Digital	
_	
1183C87	1183C83
1183C88	1183C84
1183C89	1183C85
1183C90	1183C86
Organic Analog	
	_
_	1183C91
1183C97	1183C92
1183C98	1183C93
1183C99	1183C94
1183C00	1183C95
Organic Fixed	
—	_
_	
1183D03	1183D01
1183D04	1183D02
<u> </u>	



#### DNase Free

- RNase Free
- Protease Free
- Endotoxin Free
- DEPC Free

## **Buy 2 Get 1 Free!**

Purchase 2 Bottles of Molecular Biology Grade Water Get the 3rd On Us!

#### Thomas Cat. No. C858G38 Molecular Biology Grade Water, Sterile

Suitable for a wide range applications such as PCR, Electrophoresis, and DNA Sequencing, plus more!

Reduce risk of contamination, during enzymatic reactions and use RICCA High Purity Water for Molecular Biology!

For more information and to download redemption form, visit **thomassci.com/deals** 



## **Save on Welch® Vacuum Pumps!**



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

Welch 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.

#### 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.

Thomas No.	Description	List Price	Sale Price
Dry Vacuur	n Pumps		
7893N65	Standard Duty Pump 2522, 1 Stage, 22 lpm, 115V/60Hz., 26" Hg	\$601.47	\$550.15
7893N67	Standard Duty Pump 2534, 1 Stage, 34 lpm, 115V/60Hz., 27.2" Hg	\$684.43	\$626.03
1233K63	Pres / Vac Piston Pump 2546, 115V/60Hz, 46 lpm, 27.6" Hg	\$757.01	\$692.43
Model 2019	9 vacuum pump		
1204C21	Vacuum filtration pump, Chemical resistant, 37 L/min, 24" Hg, 115V	\$850.34	\$777.79
DryFast Oi	I-Free PTFE Vacuum Pumps		
1208U34	DryFast 2014 oil-free dry diaphragm vacuum pump, PTFE, 40 torr, 35 L/min, 115V	\$1462.17	\$1337.43
1208U36	DryFast 2034 oil-free dry diaphragm vacuum pump, PTFE, 9 torr, 25 L/min, 115V	\$2053.26	\$1878.09
1208U44	DryFast 2032 oil-free dry diaphragm vacuum pump, PTFE, 2torr, 25 L/min, 115V	\$2924.34	\$2674.85
DuoSeal Be	elt-Drive Oil Seal Vacuum Pumps		
7893Q27	Duoseal Pump, 35L/min, 115V 60Hz, 1 Stage	\$1866.61	\$1707.35
7893Q10	Duoseal Pump, 25L/min, 115V 60Hz, 2 Stage	\$2146.59	\$1963.46

Special pricing & Free tubing offer valid thru 12/31/17

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#### Lumi Super Tracker XL™ Membrane / Blotting Chemiluminescent Peroxidase Substrate

Developed specifically for HRP Blotting applications requiring extreme sensitivity. LUMI Super Tracker XL™ is the best chemiluminescent substrate on the market. Lumi Super Tracker XL™ has the highest sensitivity, with very low background, and is economical.

Thomas No.	Mfg. No.	Current List Price	Promo List Price
C837U26	LUMXL.05	\$98.00	\$49.00
C837U27	LUMXL.1	\$160.00	\$80.00
C837U28	LUMXL.2	\$285.00	\$142.50
C837U29	LUMXL.5	\$595.00	\$297.50
C837U30	LUMXL	\$950.00	\$475.00

#### Lumi Supernova™ Membrane / Blotting Chemiluminescent Peroxidase Substrate

Developed specifically for HRP Blotting applications requiring high performance with economical affordability. LUMI Supernova™ is best in its class of chemiluminescent

Thomas No.	Mfg. No.	Current List Price	Promo List Price
C837U32	LUSNM.2	\$144.00	\$72.00
C837U33	LUSNM.5	\$220.00	\$110.00
C837U34	LUSNM	\$360.00	\$180.00

#### Lumi Super Tracker™ Soluble / ELISA Chemiluminescent Peroxidase Substrate

Developed specifically for ELISA and In-Vitro Diagnostic applications requiring ultra sensitivity with exceptional signal to noise ratios, LUMI Super Tracker™ is one of the best chemiluminescent substrates on the market. Great sensitivity with very low background.

Thomas No.	Mfg. No.	Current List Price	Promo List Price
C837U35	LUSST.1	\$190.00	\$95.00
C837U36	LUSST.2	\$337.00	\$168.50
C837U37	LUSST.5	\$775.00	\$387.50
C837U38	LUSST	\$1,450.00	\$725.00

#### Super Shield™ HRP Conjugate Stabilizer

Preserves and stabilizes the activity of HRP conjugates and proteins used in immunoassays and molecular assays. Maximizes the life of your HRP conjugates and proteins while eliminating non-specific protein interactions.

Thomas No.	Mfg. No.	Current List Price	Promo List Price
C837U51	HRPZR.1	\$105.00	\$52.50
C837U52	HRPZR	\$205.00	\$102.50

#### Armor Plate™ Non Mammalian Protein Coat Block

Blocks and stabilizes coated ELISA plates and other solid phase substrates. APNMC™ is a superior diluent that blocks, seals, and stabilizes with a consistent coat.

Thomas No.	Mfg. No.	Current List Price	Promo List Price	
C837U54	APNMC.2	\$105.00	\$52.50	
C837U55	APNMC	\$205.00	\$102.50	

## Sempermed<sup>®</sup>S

## **OUR GLOVES ARE DISPOSABLE**

## The hands they protect are not.



Tender Touch

NITRILE + POWDER FREE • TEXTURED

S-XL 1186P97 - P99, 1186Q00 - Q01 200/bx (180 XL) 10 bx/cs



**SEMPERFORCE** 

NITRILE • POWDER FREE • TEXTURED S-XXL 1186P87 - P91 100/bx (90 XXL) 10 bx/cs



SemperSure

NITRILE . POWDER FREE . TEXTURED

XS-XL 1182Q97 - Q99, 1182R00 - R01 200/bx (180 XL) 10 bx/cs

#### qTOWER<sup>3</sup> Series

Quantitative Real Time PCR Thermal Cyclers



#### Promo: Buy a qTOWER3 - receive free equipment

qTOWER<sup>3</sup> Thermal Cyclers feature:

- Open platform for all common plasticware types (96 well plates, 8 or 12 well strips and individual tubes)
- Fast, efficient ramping rates: heating 8°C/sec; cooling 6°C/sec
- Optimized for volumes of 10 80 µl with detection of 96 samples in 6 sec, regardless of number of targets
- qTOWER<sup>3</sup> G includes gradient temperature range of up to 40°C across 12 columns/zones
- 10 year warranty on system optical components; 2 year warranty on remainder of system

Free laptop loaded with qPCRsoft software for control and analysis
Free color module 1 for SYBR Green/FAM/Alexa488 dyes
Free starter kit with 96 well microplates and sealing films

 Part #
 Description
 Price

 1182K98
 qTOWER³ with free items
 \$ 22,254.02

 1182K99
 qTOWER³ G with free items
 \$ 23,425.83

Free equipment valued at over \$3,000!





qTOWER 115V models listed. 10-year warranty provided on optical detection components. Additional color, FRET and protein modules available for loading up to 6 modules simultaneously. Go to ThomasSci.com for additional specifications. Free items included with purchase. Offer valid in North America February 1, 2017 through June 30, 2017.



## **Now Available**

## Through Thomas!

Restek is a leading developer and manufacturer of chromatography products. We provide analysts around the world with the innovative tools they need to monitor the quality of air, water, soil, foods, pharmaceuticals, chemical, and petroleum products. We supply columns, standards, and accessories, manufactured under ISO 9001 certification and backed by the best service in the industry. From sample collection to preparation, from injection through separation to detection, build your liquid or gas chromatography solution with products and expertise from Restek.

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#### **Ovens and Incubators**

#### **Classic & Avantgarde.line**



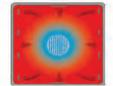
#### **Ovens and Incubators**

#### The right unit for laboratory testing and research

- Uniformity specification you can trust
   27 point DIN standard more than the 9 point ASTM std.
   Eliminates "sweet spot" locations
- ► Advanced Preheating Technology (APT.Line<sup>™</sup>)
  Optimal temperature uniformity
  Faster recovery time



- ▶ Independent over temperature safety device with visual alarm
- ► Wide feature set available Gravity convection or forced convection Sizes from 0.7 to 25.4 cubic feet
- cUL listed
- Extensive Options available



Avantgarde Air Jacket



Avantgarde Air Flow

Voltage	Size cu. ft.	ED gravity convection	FD forced convection	FED forced convection enhaced timer	FP forced convection program functions
120	2	1184M74	1181L31		1219A97
120	4	1184M75	1181M72	1184M71	1219A98
208 & 240	9 FP 8.5	1180Q88	1181L34	1180Q84	1219A99
208 3 phase	14.1	0222A08		0222A26	1219B00
208 3 phase	25.4	0222A10		0222A28	1219A95

	Voltage	Size cu. ft.	BD forced convection	BF forced convection	KT refrigerated with thermoelectric technology	KB refrigerated with compressor technology
	120	0.7	6110R05			1219A55
	120	2	1180Q95	1180Q89	1177T77	1193R88
	120	BD,BF, KB 4 KT 3.6	1184M73	1180Q91	1177T79	1193R84
	230	BD, BF 9 KB 8.7 KT 5.8	1180Q98	1180Q93	1180Q78	1193R82
	120	14.1	0222A53	1219A50		1219A59
	BF 120 KB 200-240	25.4	0222A55	1219A51		1219A63

European voltage available for all models.



BINDER FD 26 9 cubic ft.





5.8 cubic ft.



### Boekel Scientific™ Orbital/Reciprocal Shaking Water Bath



Switch from orbital to reciprocating mode by simply reversing the tray.

This Shaking Water Bath with Orbital and Reciprocating shaking is designed for a wide range of temperature-controlled shaking protocols. It features a high quality, robust design with a unique magnetically coupled shaking mechanism for maximum reliability, consistency and quiet operation.

- Switch from orbital to reciprocating mode by simply reversing the tray
- 3 Point factory programmed temperature calibration throughout temperature range
- PID Controller for easy temperature selection, rapid heat up and excellent stability + 0.1°C
- Programmable timer up to 99 hrs, 59 min Bath stops heating when timed operation is completed
- Adjustable speed control from 20-200 RPM (in 1 RPM increments)
- · Convenient drain port with quick disconnect allows for easy cleaning of the bath



Purchase an Orbital/Reciprocal Shaking Water Bath (Thomas # 1229U55), and Receive a FREE Universal Flask Tray (Thomas # 1229U57)

\*Free tray promotion valid on Thomas No. 1229U55 only.



Thomas No.

Description

**1229U55** Water Bath Orbital / Reciprocal Shaking 115V

### Boekel Scientific<sup>™</sup> 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

#### Intuitive Menu Navigation



- $\hspace{0.5pt}$  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

## The board of the b

#### >>> 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

- **3**
- » Intuitive Navigation
- » Interchangeable Blocks
- » Auto-recognition of Blocks
- >> Two-year Warranty



#### 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	1196R37
Block, 24 x 2.0ml Tubes	270812	1196R38
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

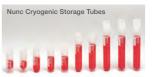
Each unit is supplied with a **Thomas # 1196R37** block.



#### thermo scientific

## Special offers on Thermo Scientific<sup>™</sup> Nunc<sup>™</sup> and Nalgene<sup>™</sup> cryogenic vials for a limited time!

Buy 3 cases and get a 4th case of the same product at no additional cost. Limit 5 offers per lab. Offers valid through June 30, 2017.





Thomas No.	Description	No. / Case		
Nunc Cryogenic Storage Tubes				
5151M88	1.8 mL Cryotube, Round, Internal Thread, Starfoot	50/1800		
5151M92	3.6 mL Cryotube, Round, Internal Thread, Starfoot	100/1600		
5151M70	4.5 mL Cryotube, Round, Internal Thread	50/1200		
5151N06	1.8 mL Cryotube, Round, External Thread, Starfoot	50/1800		
5151M82	1.0 mL Cryotube, Internal Thread, Starfoot	50/2000		
5151N11	4.5 mL Cryotube, Round, External Thread, Starfoot	100/1200		

Nalgene Cryogenic Storage Tubes		
5150C22	2.0 mL Cryogenic Vial	25/500
5150C29	5.0 mL Cryogenic Vial	10/250
5150C12	1.2 mL Cryogenic Vial	25/500

#### Get more information and redeem now at thermofisher.com/cellculturepromos

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#### **thermo**scientific

#### Special offer on Thermo Scientific™ Nunc™ Flasks, Dishes and Multidishes!

Buy any 2 cases of qualified Nunc cell culture-treated products and get 1 case of your choice at no additional cost. Limit 5 offers per lab. Offers valid through June 30, 2017.

Achieve consistent and reproducible cell growth

#### Nuncion Delta

Unique to our Thermo Scientific Nunc cell culture plastic is our **Nunclon Delta surface** to promote maximum adhesion for a broad range of cell types.

The Nunclon Delta surface is a fully synthetic energy-treated surface that makes the otherwise very hydrophobic polystyrene surface more hydrophilic, thus facilitating cell attachment and growth. The Nunclon Delta certificate ensures high quality standards and lotto-lot consistency.

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Purchase 2 cases of the following Nunclon flasks, dishes & multidishes				
Cat.No.	Description	Pk/Cs		
Thermo	Scientific Nunc EasyFlasks			
4619L84	EasyFlask, Nunclon Delta-treated, Filter cap, 25 cm <sup>2</sup> , 7 mL working volume	10/200		
4619L86	EasyFlask, Nunclon Delta-treated, Filter cap, 75 cm², 25 mL working volume	5/100		
9381Y70	EasyFlask, Nunclon Delta-treated, Filter cap, 175 cm², 55 mL working volume	5/30		
9381Y76	EasyFlask, Nunclon Delta-treated, Filter cap, 225 cm², 70 mL working volume	5/30		
9381Y73	EasyFlask, Nunclon Delta-treated, Vent/close cap, 25 cm <sup>2</sup> , 7 mL working vol.	10/200		
9381Y74	EasyFlask, Nunclon Delta-treated, Vent/close cap, 75 cm <sup>2</sup> , 25 mL working vol.	5/100		
9381Y72	EasyFlask, Nunclon Delta-treated, Vent/close cap, 175 cm², 55 mL working vol.	5/30		
9381Y75	EasyFlask, Nunclon Delta-treated, Vent/close cap, 225 cm², 70 mL working vol.	5/30		
Thermo	Scientific Nunc Dishes and Multidishes			
9380U40	35 mm Dish, Nunclon Delta-treated, 8.8 cm², with lid; with airvent	10/500		
9380U45	60 mm Dish, Nunclon Delta-treated, 21.5 cm², with lid; with airvent	10/400		
9380U55	150x20mm Dish, Nunclon Delta-treated, 145 cm², with lid; with airvent	10/80		
1187Q20	100X15 mm Dish, Nunclon Delta-treated, 56.7 cm², with lid; with airvent	150		
9380U60	150x15 mm Dish, Nunclon Delta-treated, 145 cm², with lid; airvent	10/120		
6900A10	6-well Multidish, Nunclon Delta-treated, 9.6 cm², round well; with lid	1/75		
6900A12	6-well Multidish, Nunclon Delta-treated, 9.6 cm², round well; with lid	5/85		
6900A13	12-well Multidish, Nunclon Delta-treated, 3.5cm², round well; with lid; sterile	1/75		
6900A14	24-well Multidish, Nunclon Delta-treated, 1.8 cm², round well; with lid; sterile	1/75		
1231H03	24-well Multidish, Nunclon Delta-treated, 1.8 cm², round well; with lid; sterile	5/85		



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rnermo	Scientific Nunc Dishes and Multidishes, continued	
6900A19	48-well Multidish, Nunclon Delta-treated, 1.1 cm², round well; with lid; sterile	1/75
1231H04	48-well Multidish, Nunclon Delta-treated, 1.1 cm², round well; with lid; sterile	5/85
1190Y66	100 mm Dish, Nunclon Delta-treated, 56.7 cm², with lid; with airvent	10/240
1187Q20	100 mm Dish, Nunclon Delta-treated, 56.7 cm², with lid; with airvent	150/150
9380U55	150 mm Dish, Nunclon Delta-treated, 145 cm², with lid; with airventr	10/80
9380U60	150 mm Dish, Nunclon Delta-treated, 150 cm <sup>2</sup> , with lid; with airvent	10/120
9380W85	245 mm Dish, Nunclon Delta-treated, 500 cm², with lid; without airvent	4/16
6900A07	4-well Multidish, Nunclon Delta-treated, 1.9 cm², round well; with lid	4/120
1228D27	4-well Multidish, Nunclon Delta-treated, 21.8 cm², round well; with lid	10/100
6900A10	6-well Multidish, Nunclon Delta-treated, 9.6 cm², round well; with lid	1/75
6900A12	6-well Multidish, Nunclon Delta-treated, 9.6 cm², round well; with lid	5/85
1228D28	8-well Multidish, Nunclon Delta-treated, 10.5 cm², rectangular well; with lid; sterile	10/100
6900A13	12-well Multidish, Nunclon Delta-treated, 3.5 cm², round well; with lid; sterile	1/75
6900A14	24-well Multidish, Nunclon Delta-treated, 1.8 cm², round well; with lid; sterile	1/75
1231H03	24-well Multidish, Nunclon Delta-treated, 1.8 cm², round well; with lid; sterile	5/85
6900A19	48-well Multidish, Nunclon Delta-treated, 1.1 cm², round well; with lid; sterile	1/75
1231H04	48-well Multidish, Nunclon Delta-treated, 1.1 cm², round well; with lid; sterile	5/85

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