



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

Spring Issue 2017

# Equipment *and* Instrumentation Source Guide

Featuring *Promotions* and *Product Solutions*



## Thermo Scientific

Upgrade to a **NEW** general purpose centrifuge and get **free** pick-up and disposal

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## Thomas Scientific

Thomas® Wiley Mill

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## Thermo Scientific

Save 20% on Genesys™ 10S

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## IKA

The new distilling system: RV 8 V

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**Thomas**  
**Solutions**

Thomas Scientific P 800.345.2100 F 800.345.5232



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## 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](http://www.thomassci.com).



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## 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 June 30th, 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.

Suppliers featured in this issue are:



**BRANSON**



**IKA®**



**thermo  
scientific**



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[www.thomassci.com/deals](http://www.thomassci.com/deals)

**LAB BASICS**

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[www.thomassci.com/deals](http://www.thomassci.com/deals)



Protecting your  
laboratory environment

**LABCONCO®**

# Glassware Washers *for Every Lab!*

- **ScrubAir** uses percolating action to scrub pipettes inside and out
  - Wash and rinse water up to 60° C
  - Forced air drying into pipettes
  - Heated models dry in just 2 hours
- **FlaskScrubber** is designed for narrow-neck glassware
- **SteamScrubber** is designed for beakers and other general, wide-mouth glassware
  - Wash and rinse water up to 93° C
  - Forced air drying
  - Programmable with steam generator

**ScrubAir™ Pipette  
Washer/Dryer**



**FlaskScrubber®  
Glassware Washer**



**SteamScrubber®  
Glassware Washer**



Find out more at [www.thomassci.com](http://www.thomassci.com) Search: Labconco Glassware Washers



Made in the USA

# The Original Lab Mill

The Wiley Mill, by Thomas Scientific, sets the standard of quality, efficiency, and value within the sample preparation market. With over 75 years of proven technology, Wiley Mills are the **most robust, longest lasting mills on the market!**

The Wiley Mill is **built by hand** and consists of an **all steel construction**, with four rotating steel cutting knives, easy cleaning, **no service tech required for maintenance** and a one year manufacturer's warranty. The mills are suggested by the U.S. Bureau of Plant Industry for milling of samples.

**Whatever your application, Thomas has a Mill for you!**

- Bio-fuel
- Agriculture
- Tobacco
- Meat & Poultry
- Biology
- Life Science
- Pet Food

## Specifications

Cutting Speed:	920 rpm
Chamber Size:	7.75" Diameter
Sample Volume:	50 to 1000 grams
Sample Input Size:	2.25" Diameter
Continuous Torque:	7.74 Nm
Display:	Contact Thomas Scientific for Optional Display
Housing Material:	Powder Coated Steel
Sieve Material:	316 Stainless Steel
Electrical:	115V or 230V @ 50/60hz
Weight:	330 lbs
Dimensions (without stand):	Length - 26 in   Width - 20in   Height - 49 in



The Model 4 Wiley mill is designed with a machine tool type of cartridge spindle and a small powerful motor which allows for an operational speed of 920 rpm with high torque. The chamber door comes includes a door safety switch. The machine also comes standard with mounting locations for bolting directly to a benchtop or an optional table top stand or floor stand can be purchased.

**Supplied with the following:** 1x Plunger, 1x Hopper, 3x Sieves (0.5mm, 1mm & 2mm), 1x Jar adaptor, 3x 16oz glass jars, 1x Tool set, 1x rotating cutter head with 4x rotating blades (6 with the R6 model), 6x stationary cutting blades, and 1x brush.

Thomas No.	Description	List Price
1188Y47	Model 4 Wiley Mill, 115V	\$22,000.00
1188Y48	Model 4 Wiley Mill, 230V	\$22,000.00
1188Y51	Model 4 Wiley Mill, w/ Floor Stand, 115V	\$23,500.00
1188Y52	Model 4 Wiley Mill, w/ Floor Stand, 230V	\$28,811.76

Thomas  
Scientific

# 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™ 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	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

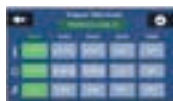
## Intuitive Menu Navigation



- » **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 # 1196R37** block.

thermo scientific

# Proven UV-Vis

That just got better!  
**20% better.**

The Thermo Scientific™ GENESYS™ 10S spectrophotometers are tried and trusted no matter the application.

- High throughput with an integrated 6-cell changer
- Quality data for education or QA/QC measurement
- Simple data capture and reporting with digital screen and USB port
- Fast operations with saved custom methods



Thomas No.	Part Number	Material Description	USD US Normal List Price	USD US Promo Price
1171P99	840-208100-PR1	GENESYS 10S UV-Vis, 6-/1-cell, US	\$5,350.00	\$4,280.00
1226M39	840-208200-PR1	GENESYS 10S UV-Vis, Printer, 6-/1-cell, US	\$5,825.00	\$4,660.00
1171P99	840-207700-PR1	GENESYS 10S Bio UV-Vis, 6-/1-cell, US	\$5,925.00	\$4,740.00
1171Q01	840-207800-PR1	GENESYS 10S Bio UV-Vis, Printer, 6-/1-cell, US	\$6,475.00	\$5,180.00

Implement proven UV-Vis in your lab today and save 20%.

**ThermoFisher**  
SCIENTIFIC

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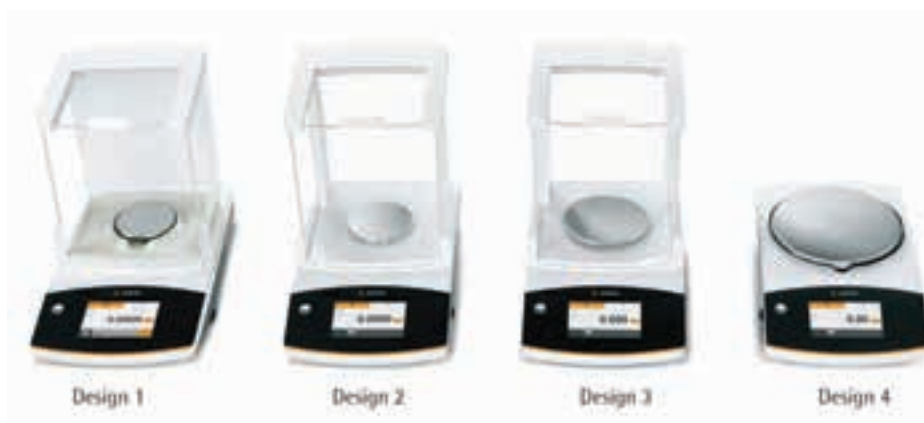


## Sartorius QUINTIX® Standard Laboratory Balances

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
- Increase efficiency with our revolutionary touchscreen user interface and easy-to-understand menu
- 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



**QUINTIX® Balances**  
have Integrated Applications  
that include:

- Weighing
- Mixing
- Components
- Statistics
- Conversion
- Density
- Peak Hold
- Checkweighing
- Counting
- Percentage
- Unstable 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	Quintix224-1S	\$4,237.70	\$3,178.28
1204C35	Quintix313-1S	\$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™ Laboratory balances, visit [www.thomassci.com](http://www.thomassci.com), Keyword: **Quintix**

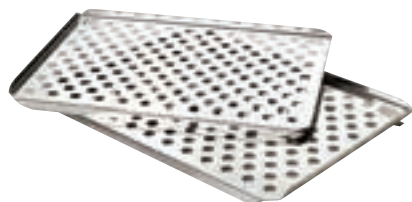
Special Pricing valid April 1 – July 31, 2017.

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. Valid for orders placed between January 1, 2017 and June 30, 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)).



Thermo Scientific Heratherm Microbiological Incubators and General Purpose Ovens

Receive two extra shelves (four total) at no additional cost when you use the following promotional part numbers when ordering your Heratherm incubator or oven, no redemption required.

Thomas No.	Cat No.	Description
<b>Microbiological Incubators</b>		
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
<b>Heating and Drying Ovens</b>		
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
1171Y95	51028116SF	Heratherm 100L APS Incubator Dual Convection 120V with 2 additional free shelves
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
1171Y99	51028126SF	Heratherm 180L GP Oven Gravity Convection, 50-250C, 120V with 2 additional free shelves
1171Z00	51028118SF	Heratherm 60L APS Oven Gravity Convection, 50-330C, 120V with 2 additional free shelves
1171Z01	51028119SF	Heratherm 100L APS Oven Gravity Convection, 50-330C, 208-240V 60Hz with 2 additional free shelves
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
1171Z05	51028129SF	Heratherm 180L APS Oven Mechanical Convection, 50-330C, 208-240V 60Hz with 2 additional free shelves

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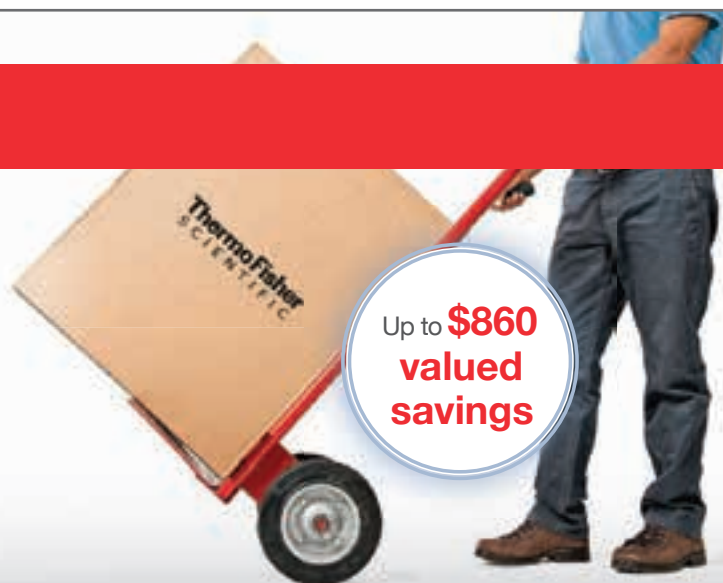
**ThermoFisher**  
SCIENTIFIC



**thermoscientific**

## Trade up and save!

Upgrade to a new Thermo Scientific™ 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™ technologies, including Auto-Lock™ 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](http://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**

**ThermoFisher**  
SCIENTIFIC

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# 70 Years of Innovation

## A Balance for Every Need



Since 1945, METTLER TOLEDO has pioneered weighing solutions. We continue to revolutionize the industry to meet customer demands in the laboratory. With three distinct performance levels, backed by the largest network of service technicians, we ensure that all your balance needs are covered.

**Excellence** – Excellent performance and compliance with the highest safety, efficiency and QA requirements

**Standard** – Robust and reassuringly easy-to-use, thanks to built-in security features

**Entry** – All the essential functionalities and the solid performance you need in your busy laboratory

Find your customized solution today by visiting [www.thomassci.com/mt](http://www.thomassci.com/mt)

**METTLER TOLEDO**

# IKA

designed for scientists

## The new distilling system: RV 8 V



Manual lift with integrated safety "lift-out-function".

Digital displays for rotation speed and heating bath temperature.

Key-button with locking function for the heating bath temperature.

- > water / oil heating bath with integrated ergonomic carrying handles
- > adjustable immersion angle
- > single-hand operation; ambidextrous design
- > speed range 5 – 300 rpm
- > additional user safety through reduced 24 V power requirements within the unit
- > compatible with the complete range of IKA RV 10 glassware
- > new clamp mechanism

Thomas No.	Mfr. No.	Description	Price
1171Y65	0010002180	RV8 V Rotary Evap w/ Vert Glswre, 115V	\$3,474.00





## PROVEN QUALITY FOR LASTING PERFORMANCE



### Hettich Centrifuges

- Wide centrifuge range from small tabletop to floor models
- Complete application packages for easy ordering
- Quality accessories for improved workflow
- Robust temperature control options
- Five (5) year warranty



### Hettich Incubators

- Internal volumes ranging from 5.2 - 18.3 cu. feet
- 1K above ambient temperatures up to +65°C
- Cooled option available from 0 to +65°C
- Shakers, racks and accessories available
- Two (2) year warranty

Centrifuge	Type	(Qty.) Volume	RPM	RCF	Bio-lids	Thomas No.	Thomas Pkg. No. w/ Temp. Control
MIKRO 185	Microtiter tubes	(24) 1.5 - 2.0 mL	13,300	17,008	✓	1197M84	n/a
MIKRO 185	Spin column kits	(18) 1.5 - 2.0 mL	13,300	15,030	opt.	1197M86	n/a
MIKRO 220	Microtiter tubes	(30) 1.5 - 2.0 mL	14,000	21,255	✓	1211P63	1211P64
MIKRO 220	Microtiter tubes	(48) 1.5 - 2.0 mL	14,000	18,845	✓	1211P65	1211P66
ROTOFIX 32 A	Cell culture tubes	(6) 15/50 mL	4,000	2,701	--	1211P72	n/a
UNIVERSAL 320	Cell culture tubes	(8) 15/50 mL	4,500	3,260	--	1170C71	1170C72
UNIVERSAL 320	Microtiter plates	(10) Microtiter plates	4,000	2,218	--	1211Q15	1211P16
ROTINA 420	Cell culture tubes	(52) 15 mL / (20) 50 mL	4,800	4,740/4,688	✓	1211P85	1211P86
ROTINA 420	Microtiter plates	(16) Microtiter plates	4,800	4,096	--	1211Q19	1211Q20
ROTINA 420	Bottles	(4) 250 mL, 400 mL, 600 mL	4,800	4,740	✓	1211Q43, 1211Q47, 1170C73	1211Q44, 1211Q48, 1170C74
ROTANTA 460	Cell culture tubes	(96) 15 mL / (40) 50 mL	3,800	3,196	opt.	1211P99	1211Q00
ROTANTA 460	Microtiter plates	(24) Microtiter	4,600	4,211	opt.	1211Q21	1211Q22
ROTANTA 460	Microtiter plates	(12) Microtiter	5,900/6,200*	5,838/6,446*	✓	1211Q27	1211Q28

Hettich application packages include the centrifuge, rotor, buckets, adapters and bio-containment lid when applicable. \*Higher values apply to the ROTANTA 460 R (temp. controlled version).

Incubator	Internal Volume in Cubic Feet	# of Shelves	Cat. No.	Cat. No. w/ Temp. Control
HettCube 200	5.2	2	1203R76	1203R77
HettCube 400	10.9	3	1203R78	1203R79
HettCube 600	18.3	4	1203R80	1203R01

Other configurations are available, please inquire for more details.

Hettich incubators are available with glass door options and optional accessories, please inquire for more details.

[www.hettweb.com](http://www.hettweb.com)

**BRANSON**



## Sonifier® Cell Disruptors and Homogenizers

The SFX150, SFX250 and SFX550 are part of the new SFX Series of Sonifiers from Branson, designed to bring the industry's most advanced sample-processing capabilities to your laboratory. The SFX Series brings a new level of ease, precision, and repeatability with advanced energy and temperature control modes, process monitoring capabilities, and programming features.

### **Sonifier® SFX150** Thomas No. 1182T54

- 150 watts of power at 40 kHz ultrasonics for quiet tabletop operation
- Sample size from 0.2 to 150 ml
- High-efficiency, handheld and stand-mountable converters require no internal cooling
- Includes a 1/8" microtip

### **Sonifier® SFX250** Thomas No. 1182T56

- 250 watts of power at 20 kHz
- Processes samples from 0.2 up to 500 ml
- Includes power supply, converter and 1/2" disruptor horn

### **Sonifier® SFX550** Thomas No. 1182Q83

- 550 watts of power at 20 kHz for high-volume processing
- Processes samples from 0.2 to 1000 ml
- Includes power supply, converter and choice of 1/2" or 3/4" disruptor horn

Learn more about Branson Sonifiers by visiting **thomassci.com**

**Keywords:** **1182T54** Sonifier® SFX150; **1182T56** Sonifier® SFX250; **1182Q83** Sonifier® SFX550

# Ultrapure Lab Grade Water from Almost Any Sink

## WaterPro® BT™ 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



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Dry Vacuum Pumps



Model 2019



DryFast 2014



DryFast 2034



DuoSeal 1400

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## **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
<b>Dry Vacuum Pumps</b>			
<b>7893N65</b>	Standard Duty Pump 2522, 1 Stage, 22 lpm, 115V/60Hz., 26" Hg	<b>\$601.47</b>	<b>\$550.15</b>
<b>7893N67</b>	Standard Duty Pump 2534, 1 Stage, 34 lpm, 115V/60Hz., 27.2" Hg	<b>\$684.43</b>	<b>\$626.03</b>
<b>1233K63</b>	Pres / Vac Piston Pump 2546, 115V/60Hz, 46 lpm, 27.6" Hg	<b>\$757.01</b>	<b>\$692.43</b>
<b>Model 2019 vacuum pump</b>			
<b>1204C21</b>	Vacuum filtration pump, Chemical resistant, 37 L/min, 24" Hg, 115V	<b>\$850.34</b>	<b>\$777.79</b>
<b>DryFast Oil-Free PTFE Vacuum Pumps</b>			
<b>1208U34</b>	DryFast 2014 oil-free dry diaphragm vacuum pump, PTFE, 40 torr, 35 L/min, 115V	<b>\$1462.17</b>	<b>\$1337.43</b>
<b>1208U36</b>	DryFast 2034 oil-free dry diaphragm vacuum pump, PTFE, 9 torr, 25 L/min, 115V	<b>\$2053.26</b>	<b>\$1878.09</b>
<b>1208U44</b>	DryFast 2032 oil-free dry diaphragm vacuum pump, PTFE, 2torr, 25 L/min, 115V	<b>\$2924.34</b>	<b>\$2674.85</b>
<b>DuoSeal Belt-Drive Oil Seal Vacuum Pumps</b>			
<b>7893Q27</b>	DuoSeal Pump, 35L/min, 115V 60Hz, 1 Stage	<b>\$1866.61</b>	<b>\$1707.35</b>
<b>7893Q10</b>	DuoSeal Pump, 25L/min, 115V 60Hz, 2 Stage	<b>\$2146.59</b>	<b>\$1963.46</b>

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