

International

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Precise Solutions[®] to Unburden Discovery

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MJS
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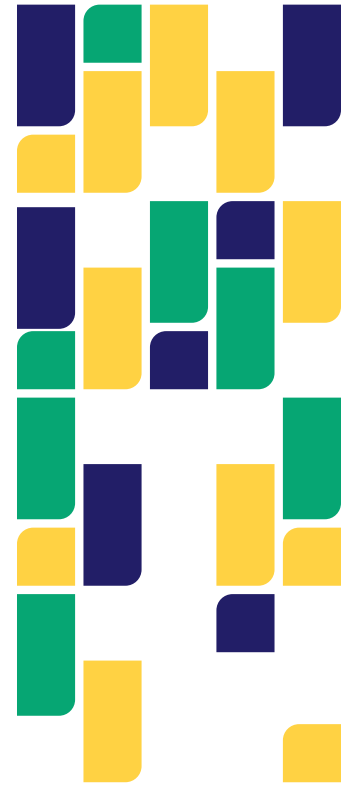
 CHROMATOGRAPHIC
SPECIALTIES INC.

1-888-593-5969 • biolynx.ca • tech@biolynx.ca



Evolving for the exciting future ahead.

“Our new brand enables us to raise the bar in how we serve the life sciences community.”



Hello from USA Scientific,

A new era has arrived for our business and brand. After months of meticulous work, we're excited to reveal these meaningful changes to our company. While our look and feel may have evolved, we remain committed to delivering exceptional products, customer experiences, and more.

As the trusted partner that you turn to for essential tools in your work, our goal is to liberate your science from unnecessary barriers and burdens. From simple purchasing processes to enhancing our sustainability practices, our new brand enables us to raise the bar in how we serve the life sciences community.

Our new brand spotlights our investment in the success of every customer's science, working side by side with you on your path to insights. Our goal is to free scientists and technicians to focus on important work through our superior quality products and rigorous sourcing and production standards. These characteristics are infused within this new brand to help customers and partners, old and new, understand who we are and what we stand for.

There's still so much to share with you. As we forge ahead into this new stage for our business, we invite you to engage with us on the journey. Continue to look out for all the ways our new brand is evolving and creating a better brand experience for you.

Our future together looks so bright. On behalf of everyone at USA Scientific, thank you for being a part of our community.

Bob DeClerk
President, CEO



“As our updated brand identity continues to be unveiled, the heart of USA Scientific remains the same. We are committed to serving our community with the exceptional products and experiences that you trust.”

USA
SCIENTIFIC
SIDE BY SCIENCE

Our new logo features design symbolism that spotlights partnerships created on the path toward discovery.

Mixer HC

Precision mixing with
temperature control



Increase the reproducibility of your temperature-dependent reactions for better yields and more consistent results. Control block temperature and mixing speed/intervals simultaneously and precisely with the Mixer HC. Mixing speed is block dependent: 300-1400 rpm for 1.5 mL, 2.0 mL, and cryogenic tubes; 300-1500 rpm for 0.5 mL tubes; and 300-750 rpm for 5 mL, 15 mL, and 50 mL tubes. Plates weighing 200 grams or less may be mixed at 300-1400 rpm; above 200 grams use 300-800 rpm. Blocks for microcentrifuge tubes include a polycarbonate rack for quick transfer of all 24 tubes at once.



Blocks are available for a variety of tubes and multiwell plates.

8012-0000 Mixer HC (without block)

Blocks and Adapters

8012-0010	24 × 0.5 mL microcentrifuge tubes
8012-0011	24 × 1.5 mL microcentrifuge tubes
8012-0012	24 × 2.0 mL microcentrifuge tubes
8012-0013	24 × 12 mm diameter tubes
8012-0014	8 × 5.0 mL conical centrifuge tubes
8012-0015	8 × 15 mL conical centrifuge tubes
8012-0016	4 × 50 mL conical centrifuge tubes
8012-0017	24 × 1.5-2.0 mL cryogenic tubes
8012-0018	Multiple/deep well plate, with lid
8012-0019	96 × 0.2 mL PCR adapter*

*Must be used with the 8012-0018 block

Specifications:

Mixing speed:	300-1500 rpm (block dependent)
Orbit diameter:	3 mm
Heating rate:	Approx. 5°C/min
Cooling rate (above room temp):	2° to 3°C/min
Cooling rate (below room temp):	0.5° to 1.0°C/min
Ambient temperature:	4° to 35°C
Relative humidity:	70% max
Dimensions (W × D × H):	8.7" × 9.8" × 4.9"
Weight base unit:	7 lbs
Mains connection:	100 to 240 V, 50 to 60 Hz
Power consumption:	90 W
Warranty:	2 Years

Applications:

cDNA synthesis
Enzyme reactions (restriction digest, ligation, proteinase-K-digestion)
Denaturation of DNA, RNA, or proteins
Labeling of DNA, RNA, or proteins
Cultivation of bacteria in microcentrifuge tubes, centrifuge tubes, and deep well plates
Transformation of bacteria and plasmids
Resuspension of pellets

ErgoOne® FAST



Pipette Controller

Fits pipets from 1 to 100 mL

Touch-sensitive speed control with gravity drain

Comfortable grip and weight

Provides hours of use between charges

ErgoOne® FAST cordless pipette controller provides the power and responsiveness you need. Whether working with large or small volumes, or standard or viscous solutions, ErgoOne FAST allows accurate, precise measurements with easy two-speed fingertip control. Choose from fast transfers, slow and controlled aspirations and deliveries, or a combination of speeds. There are no dials to adjust, and the gravity-drain feature releases liquids smoothly without using battery power.

ErgoOne FAST is also comfortable to hold and operate, and weighs less than 5.7 oz. The lithium-polymer battery provides hours of use and recharges quickly. ErgoOne FAST may also be used while charging. The indicator light color lets you know when the battery is full.

The aspirating cone is autoclavable and the silicone pipet holder accepts pipets from 1 to 100 mL. ErgoOne FAST is supplied with a wall mount holder, two 0.45 µm filters, one 0.2 µm filter, rechargeable battery, and charger. Two-year warranty.

7166-0010 ErgoOne FAST controller
7166-6306 ErgoOne FAST bench stand

Serological Pipets

Polystyrene pipets are individually wrapped in paper-backed plastic wrappers. Volume indicators are large and easy to read; 5, 10, 25, and 50 mL pipets include ascending and descending numbers. Negative graduations provide extra capacity. Color coded by volume for quick identification. Sterile, non-cytotoxic, and certified free of detectable RNase, DNase, and pyrogens.

1070-1210	1 mL, 0.1 mL graduations, 100/sleeve, 1000/case
1072-0510	2 mL, 0.01 mL graduations, 100/sleeve, 500/case
1075-0110	5 mL, 0.1 mL graduations, 50/sleeve, 200/case
1071-0810	10 mL, 0.1 mL graduations, 50/sleeve, 200/case
1072-5410	25 mL, 0.2 mL graduations, 50/sleeve, 200/case
1057-1010	50 mL, 0.5 mL graduations, 25/sleeve, 100/case



Serological pipets are color coded by volume for quick identification. Sterile, non-cytotoxic, and certified free of detectable RNase, DNase, and pyrogens.

Graduated Reservoirs

White polystyrene reservoirs have angled sides with graduations. A narrow, V-shaped micro-channel at the base improves recovery of small volumes. Strong sides and wide bases provide stability and easy handling. Measures 150 × 63 × 27 mm. More package options available online.

Ideal for multi-channel pipettes

Corner pour spouts help avoid spills when emptying

1930-2230	25 mL, Graduated, White, Individually Wrapped, Sterile, 100/pack
1930-2530	50 mL, Graduated, White, Individually Wrapped, Sterile, 100/pack
1930-1030	100 mL, Graduated, White, Individually Wrapped, Sterile, 100/pack



USA Scientific Microplate Centrifuge

Quickly spins down droplets in PCR plates

Small footprint takes up little benchtop space

Unique rotor design prevents sample spillage

Accepts all popular PCR plates

Microplate centrifuge is ideal for a quick spin down of PCR plates, PCR tubes, and microtiter plates. Optimized for spinning fluids down from tube caps and walls, the microplate centrifuge ensures all substances are at the bottom for proper concentrations and improved yield. Easily access plates in the unique rotor chamber. Simply open the lid and insert the plates, close the lid and turn the device on. The rotor motion will begin when the lid is closed and accelerates to the maximum speed of 2,550 rpm. Opening lid will stop the spin in 4 seconds. The small size saves space on the bench or under the hood. An adapter carrier is available separately for 0.2 mL PCR strips and tubes.

Includes rotor and two plate holders. Weight: 9 lbs.
Measures 9.2" L x 10.2" W x 7.75" H. Two-year warranty.

2532-2000 Microplate Centrifuge for two PCR or microplates
2532-2002 Tube Adapter, holds 96 x 0.2 mL or PCR strips. 2/pk



The Personal Minicentrifuge

Take a quick spin with your own Personal Minicentrifuge! The sleek design and compact footprint is the ideal addition to your workbench or portable enough for use in a fume hood. It's your perfect lab partner for quick spin downs of condensate, vortexed or thawed samples. The Personal Minicentrifuge is ideally suited for applications requiring relatively low centrifugal forces, such as microfiltration and cell separation. The Personal Minicentrifuge measures 5.1" W x 6.3" D x 4.4" H and weighs 2.5 lbs.

8030-5000 Personal Minicentrifuge



Included with your Personal Minicentrifuge unit are a PCR strip rotor, a microcentrifuge tube rotor, a power adapter with 4 exchangeable international plugs (EU, UK, US, and AUS), and adapters for both 0.5 mL and 0.2 mL tubes.

Sample Prep

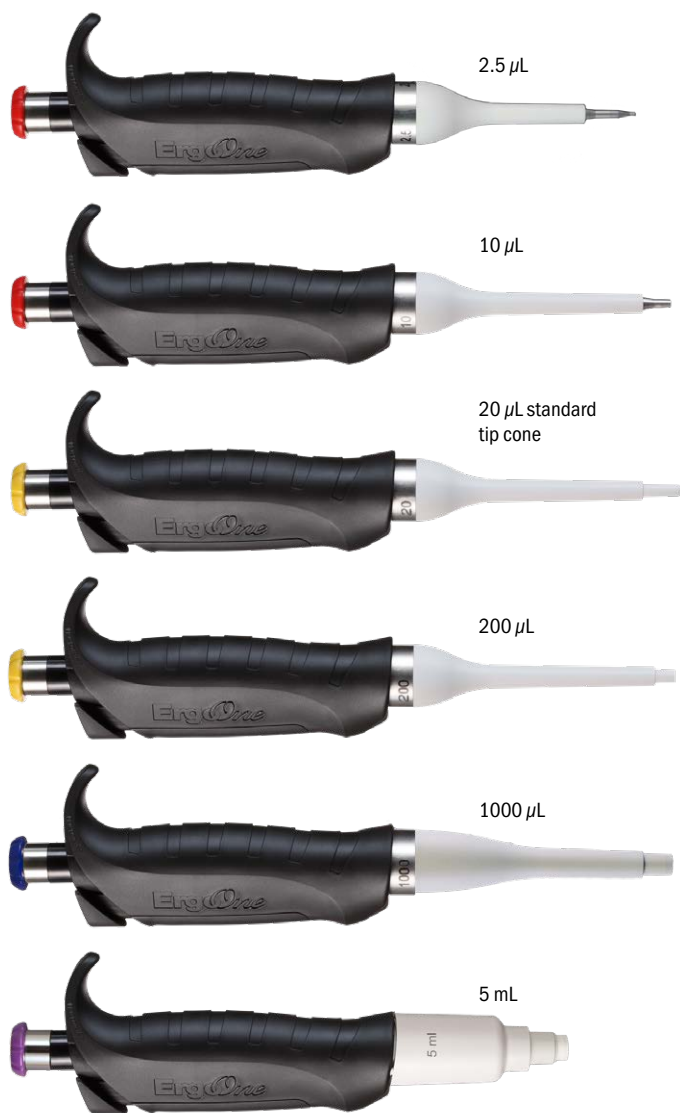
Quickly start by pressing down the electromagnetic lid

One Touch STOP button for super-fast breaking

Easy rotor change - no tools required!



ErgoOne®



Pipetting optimized

Plunger forces maximize control with minimal stress

No-Drift™ volume lock

Comfortable grip and weight

Centrally located 4-digit display

Autoclavable

ErgoOne® pipettes combine researcher requested features, precision engineering, and ergonomic principles for optimum performance. The light, balanced weight reduces fatigue, and the curved support hook and body allows a natural, relaxed grip. Tip application requires minimal pressure to achieve complete sealing while maintaining low ejection forces. ErgoOne 8- and 12-channel pipettes also have cascading tip ejector sleeves that distribute forces incrementally for less strain when removing tips.

ErgoOne pipettes are available in a full selection of volume ranges for maximum precision and accuracy. The 2-20 µL is offered in two formats – a standard tip cone that accepts 200 µL tips and an ultra-micro tip cone that accepts 10 µL or 10/20 µL style tips (not shown). All single channel ultra-micro pipettes have stainless steel tip cones for increased durability.

ErgoOne pipettes will withstand the rigors of daily laboratory use, are fully autoclavable, and may be calibrated in your lab. The exterior is made with UV- and chemical-resistant polypropylene.

Already own an ErgoOne pipette?

Visit usascientific.com/calibration-info for more information on our CalibrationOne® services.

Angled Pipette Stands

Store single channel and multichannel pipettes neatly on the same stand! White acrylic stands come in 3, 5, and 6-place sizes. Unique vertical slots allow multichannel manifolds to rest inside the stand, saving space for other pipettes. Sturdy, 5 mm thick, white acrylic stand has non-skid feet.

- 1999-0003 3-place angled pipette stand, with 1 multichannel position
- 1999-0005 5-place angled pipette stand, with 2 multichannel positions
- 1999-0006 6-place angled pipette stand, with 4 multichannel positions



1999-0006



O-rings on 100 μ L and 300 μ L multichannel pipettes reduce tip cone wear and provide better sealing and tip compatibility. (Changing O-rings is quick and easy with our simple O-ring tool.)

Single Channel

- 7100-0125 0.1-2.5 μ L, metal ultra-micro tip cone, red plunger cap
- 7100-0510 0.5-10 μ L, metal ultra-micro tip cone, red plunger cap
- 7100-0221 2-20 μ L, metal ultra-micro tip cone, red plunger cap
- 7100-0220 2-20 μ L, standard tip cone, yellow plunger cap
- 7100-1100 10-100 μ L, yellow plunger cap
- 7100-2200 20-200 μ L, yellow plunger cap
- 7110-1000 100-1000 μ L, blue plunger cap
- 7150-5000 500-5000 μ L, purple plunger cap

Eight Channel

- 7108-0510 0.5-10 μ L, red plunger cap
- 7108-1100 10-100 μ L, yellow plunger cap
- 7108-3300 30-300 μ L, green plunger cap

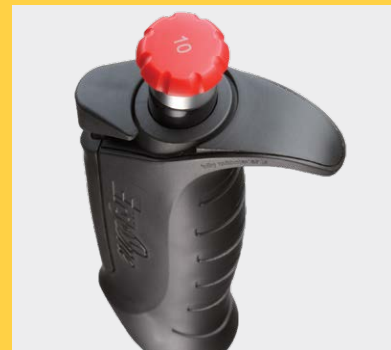
Twelve Channel

- 7112-0510 0.5-10 μ L, red plunger cap
- 7112-1100 10-100 μ L, yellow plunger cap
- 7112-3300 30-300 μ L, green plunger cap

ErgoOne® Features:



4-digit display for increased accuracy



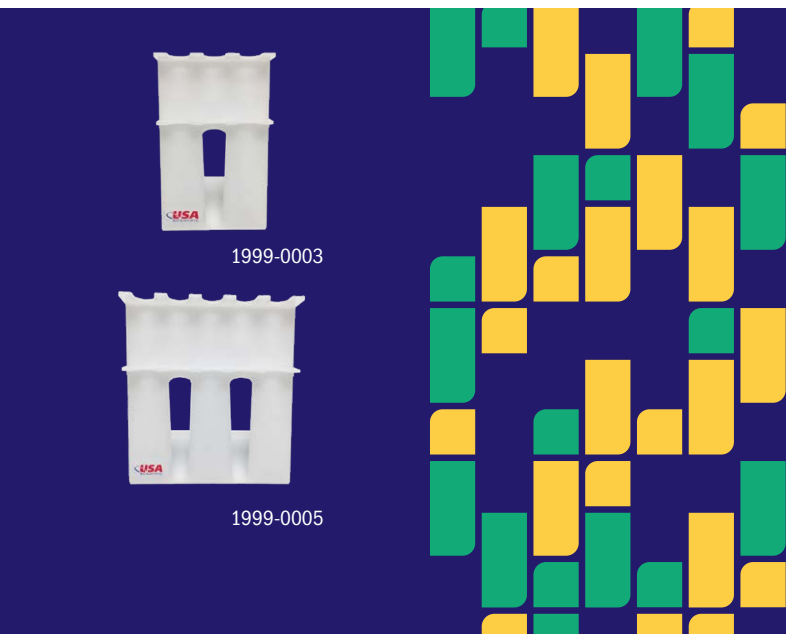
Plunger forces maximize control and minimize strain



Stainless steel ultra-micro tip cones for longer life



Curved ergonomic support and No-Drift volume lock



TipOne®



Made in the USA

Reduce lab plastics with easy-to-use refills

Reuse long-life racks

Nesting refills save space and plastic

TipOne® is the original easy-to-load, refillable tip system that saves space and reduces waste. They are reusable, easy to refill, and will last through repeated autoclaving cycles. Refills are sealed in plastic; we don't use cardboard, paper, or other uncharacterized materials as tip containers.



10 µL and 10 µL XL TipOne tips are supplied in red wafers and fit pipettes with ultra-micro tip cones.

10 µL XL tips flex and are 9.5 mm longer than 10 µL tips for easier use inside taller tubes and deep well plates. Red wafers.



200 µL tips are available with Profile Point™, beveled, or original tip orifices. All are the same length. Profile Point tips are clearer due to the thinner Profile Wall™ construction. Yellow wafers.



300 µL tips allow generous clearance between the pipette tip cone and the full volume meniscus for greater protection from cross-contamination. Low application and ejection forces make multichannel use easier. 300 µL tips can also be used on many 100 µL and 200 µL pipettes. Green wafers.



1000 µL and 1250 µL XL tips are well stabilized in racks for easy application and are multichannel compatible. 1250 µL XL tips are 15.3 mm longer than 1000 µL tips for easier use inside taller tubes and deep well plates. Blue wafers.

10 µL XL tips fit most ultra-micro pipettes and ErgoOne® 20 µL with ultra-micro tip cone. 1250 µL XL tips fit most 1000 µL pipettes. Choose beveled 200 µL tips for Eppendorf® Research® plus 100 µL multichannels.

TipOne®

Ways to save with TipOne



Non-filter refills nest, including long and narrow tips. Nesting saves space during storage and transport and reduces packaging materials.



Tamper-evident, resealable bags have a self-standing base and stay upright during storage or use.

		Racks 10 racks of 96 (960 tips)	Refills 10 wafers of 96 (960 tips)	Stacks 5 layers of 192 (960 tips)	Bags (1000 tips)
10 µL graduated	●	1111-3800	1111-3700	1111-3200	1111-3000
10 µL graduated, sterile	●	1111-3810	--	1111-3210	--
10 µL XL, graduated	●	1110-3800	1110-3700	--	1110-3000
200 µL beveled	●	1111-1800	1111-1700	1111-1200	1111-1000
200 µL beveled, sterile	●	1111-1810	--	1111-1210	--
200 µL Profile Point™, graduated	●	1110-1800	1110-1700	1110-1200	1110-1000
300 µL graduated	●	1110-9800	1110-9700	--	1110-9000
1000 µL graduated, blue	●	1111-2821	1111-2721	--	1111-2021
1250 µL XL, graduated	●	1112-1820	1112-1720	--	1112-1020

10 µL XL tips fit most ultra-micro pipettes and ErgoOne® 20 µL with ultra-micro tip cone. 1250 µL XL tips fit most 1000 µL pipettes. Choose beveled 200 µL tips for Eppendorf® Research® plus 100 µL multichannels.



All ultra low retention tips have orange wafers and are identified as "RPT".



Comparison between pipetting viscous sample using standard tip (top) and TipOne RPT tips (bottom). Sample retention is dramatically reduced when using TipOne RPT tips.

TipOne® RPT

Repel-Polymer Technology

Ultra low retention

No interference with samples

Retains integrity after autoclaving

Precise Delivery

TipOne® RPT ultra low retention technology refines polypropylene tip surfaces at a molecular level, improving the flow dynamics of viscous liquids and other difficult samples. TipOne RPT tips provide exceptional delivery without additives, coatings, or clarifiers that could interact with your samples. TipOne RPT is certified free of detectable RNase, DNase, DNA, and pyrogens and does not need to be autoclaved for most molecular biology applications. However, if autoclaving is necessary, our tips will remain safe and effective. Recommended applications for TipOne RPT include selected nucleic acids, proteins, antibodies, and solutions with Triton-X, glycerin, or other components that require an extremely low surface energy for complete sample release. TipOne RPT is also suitable for aqueous and other common laboratory solutions.

Easy Identification

High definition laser markings identify tip volume, lot number, "RPT", and "FILTER" (if applicable) directly on the tip wafer, eliminating the need for labels. When you refill tip racks, all of the important information stays with the tips. All tip refills are packed in a space-saving, nested format. See pages 8-12 for additional information on TipOne rack and refill formats and filter tip performance.



TipOne RPT Ultra low retention tips.	Racks 10 racks of 96 (960 tips)	Refills 10 wafers of 96 (960 tips)	Filter Tips 10 racks of 96 (960 tips)	Filter Tip Refills 10 refill cassettes of 96 (960 tips)
10 µL graduated	1161-3800	1161-3700	1181-3810	1181-3710
10 µL XL, graduated	1160-3800	1160-3700	1180-3810	1180-3710
20 µL Profile Point™, graduated	--	--	1183-1810	1183-1710
20 µL beveled	--	--	1180-1810	1180-1710
100 µL Profile Point, graduated	--	--	1183-1840	1183-1740
100 µL beveled	--	--	1180-1840	1180-1740
200 µL beveled	1161-1800	1161-1700	--	--
200 µL Profile Point, graduated	1163-1800	1163-1700	--	--
200 µL graduated	--	--	1180-8810	1180-8710
300 µL graduated	1160-9800	1160-9700	1180-9810	1180-9710
1000 µL XL, graduated	--	--	1182-1830	1182-1730
1250 µL XL, graduated	1161-1820	1161-1720	--	--

10 µL XL tips fit most ultra-micro pipettes and ErgoOne® 20 µL with ultra-micro tip cone. 1250 µL XL tips fit most 1000 µL pipettes. Choose beveled 200 µL tips for Eppendorf® Research® plus 100 µL multichannels.

TipOne® Filter Tips

Proprietary UHDPE filters block >99% of aerosols

Tip info is laser marked on each wafer

Filters are hydrophobic to prevent liquid absorption



Trusted Performance

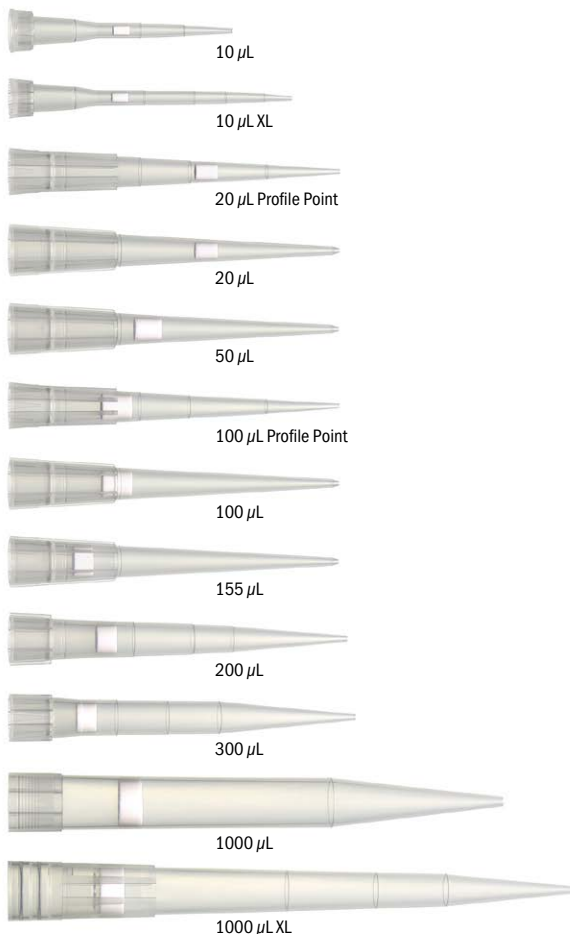
TipOne® filter tips block >99% of aerosols to prevent cross-contamination. TipOne does not contain clarifiers or processing additives (slip agents, biocides, antistatic agents, etc.) and is made from pure virgin polypropylene. With TipOne, your results will not be compromised by potentially bioactive ingredients. Sterilized and certified free of detectable RNase, DNase, DNA, and pyrogens.

Easy Identification

High definition laser markings identify volume, lot number, and “FILTER” directly on the tip wafer, eliminating the need for labels. All information is easy to read whether the rack is open or closed.

Eco-Friendly

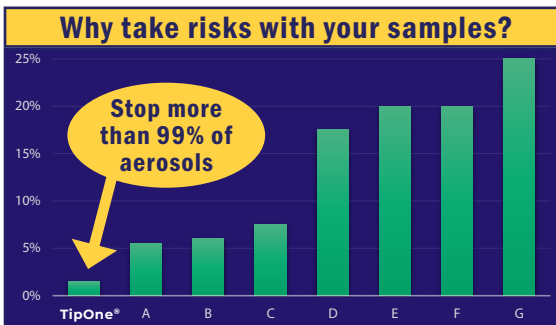
Would you like to reduce leftover plastic but need to maintain sterility? Try TipOne sterile filter tip refill cassettes. See page 12 for information.



Filter Tip Racks

Sterile and certified free of detectable RNase, DNase, DNA, and pyrogens. 10 racks of 96 (960 tips).

10 µL graduated (2.5, 10 µL)	1121-3810
10 µL XL, graduated (1, 5, 10, 20 µL)	1120-3810
20 µL Profile Point™, graduated (10 µL)	1123-1810
20 µL beveled	1120-1810
50 µL beveled	1120-2810
100 µL Profile Point, graduated (10, 50, 100 µL)	1123-1840
100 µL beveled	1120-1840
155 µL beveled	1124-5810
200 µL graduated (50, 100, 200 µL)	1120-8810
300 µL graduated (100, 200, 300 µL)	1120-9810
1000 µL	1126-7810
1000 µL XL, graduated (100, 250, 500, 1000 µL)	1122-1830



Laboratory tests show >99% of 100 nm particles are stopped by TipOne ultra high density filters. Other brands can allow 6-25% of aerosols to pass through to your samples. With today's sensitive procedures, can you take that risk? See usascientific.com/tipone-information to learn more.

10 µL XL fits ultra-micro pipettes and ErgoOne® 20 µL with ultra-micro tip cone. Choose beveled 100 µL tips for Eppendorf® Research® plus 100 µL multichannels.

TipOne® Filter Tip Refills

*Filter tip refills are for use inside TipOne racks only. New racks have "TipOne" on the front and three indentations on each short side. Choose our Filter Tip Refill Starter Systems if you need new racks.

Easy to use: just drop into TipOne® racks*

Safe & clean: sterile tips are not exposed while loading racks

Same trusted TipOne filters block >99% of aerosols

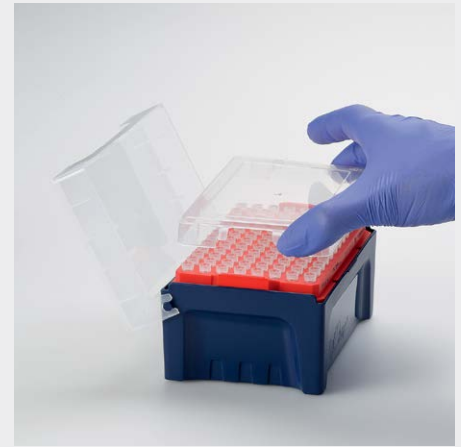
Eco-friendly design saves up to 63% polypropylene



Unwrap sterile refill.



Drop into rack.



Cover and protect. It's that easy!

Looking for a truly easy filter tip refill?

There is no need to line up tips or worry about accidental contact when filling racks with TipOne filter tip refill cassettes.

Easy to Use

Each filter tip refill is individually wrapped and has an easy-grip pull tab. Just unwrap the cassette, drop it into an empty TipOne rack, and remove the transfer cover. Filter tip refills are sterile and certified free of detectable RNase, DNase, DNA, and pyrogens. Autoclaving is not necessary and is not recommended.

Eco-Friendly

Refill bases and covers are #5 polypropylene and are marked for easy recycling with wafers and racks. Filter tip refills can save up to 63% of the plastic required for individual racks and 20% of the storage space.

Filter Tip Refill Cassettes

Use with new, improved TipOne racks only.
10 refill cassettes (960 tips).

10 μ L graduated	1121-2710
10 μ L XL, graduated	1120-3710
20 μ L Profile Point™, graduated	1123-1710
20 μ L beveled	1120-1710
50 μ L beveled	1120-2710
100 μ L Profile Point, graduated	1123-1740
100 μ L beveled	1120-1740
155 μ L beveled	1124-5710
200 μ L graduated	1120-8710
300 μ L graduated (100, 200, 300 μ L)	1120-9710
1000 μ L	1126-7710
1000 μ L XL, graduated	1122-1730



The transfer cover protects the filter tips while the unwrapped refill cassette is being placed into the rack.

10 μ L XL fits ultra-micro pipettes and ErgoOne® 20 μ L with ultra-micro tip cone. Choose beveled 100 μ L tips for Eppendorf® Research® plus 100 μ L multichannels.

TempAssure®

PCR Tube Strips

Achieve rapid, even heat transfer for consistent and effective PCR.

Conical tube walls are up to 20% thinner than other brands for faster equilibration. Flex-free strips are reinforced to resist bending while handling; pull-apart design lets you separate tubes more easily. Assorted colors include blue, green, red, violet, and yellow packed in separate sleeves. Made in the USA from non-autofluorescent virgin polypropylene. Certified free of RNase, DNase, DNA, and PCR inhibitors; tested pyrogen free.



1402-4700

Individual, Attached Caps

0.2 mL; optically clear flat caps, 120 strips of 8/box (960).

1402-4700 Natural, flex-free

1402-4780 White, flex-free

1402-4708 Assorted colors, flex-free

1402-3900 Natural, pull-apart



1402-2300

0.1 mL; optically clear flat caps, 120 flex-free strips of 8/box (960).

1402-2300 Natural, flex-free

1402-2380 White, flex-free



1402-2900

0.2 mL; dome caps, 120 pull-apart strips of 8/box (960).

1402-2900 Natural

1402-2908 Assorted colors



1402-2500

Separate Tubes and Cap Strips

Optically clear flat caps

8 per strip. 125 strips per box (1000).

1402-2500 0.2 mL, natural, pull-apart

1402-2580 0.2 mL, white, pull-apart

1402-3600 0.1 mL, natural, flex-free

12 per strip. 80 strips per box (960).

1402-2600 0.2 mL, natural, pull-apart



1402-2700

0.2 mL; dome caps

8 per strip. 125 strips per box (1000).

1402-2700 Natural

1402-2708 Assorted colors

12 per strip. 80 strips per box (960).

1402-2400 Natural

1402-2408 Assorted colors



1402-2700

Attached Cap Strips

0.2 mL; optically clear flat caps, 125 flex-free, hinged strips of 8/box (1000).

1402-1800 Natural

1402-1880 White

1402-1808 Assorted colors

PCR Individual Tubes



Seal-Rite® PCR

0.2 mL; attached dome cap. Contamination guard and support hinge. RNase, DNase, DNA, and pyrogen free. 1000/box.

1602-4300



TempAssure®

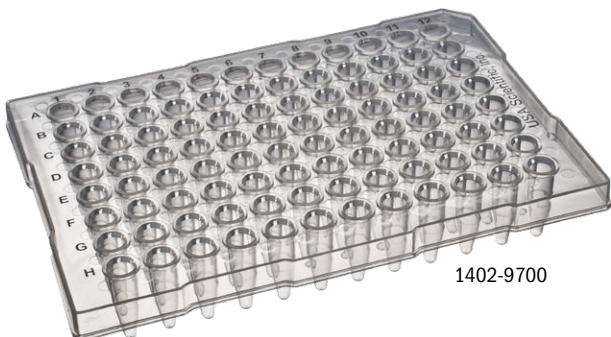
0.2 mL; attached flat cap, 1000/box.

1402-8120 Optically clear cap

1402-8100 Standard cap (shown)

TempPlate®

High visibility alphanumeric provide easy well identification. Manufactured in the USA from non-autofluorescent, FDA-approved virgin polypropylene. Certified RNase, DNase, DNA, and PCR inhibitor free. Tested pyrogen free.



1402-9700

PCR Plates

Real-time compatible

Rapid, even heat transfer for consistent results

Inner sleeves keep plates clean

Ask us for a FREE sample

Semi-Skirted 96-Well Plates

Rimmed wells minimize cross contamination. Two/sleeve, ten/box.

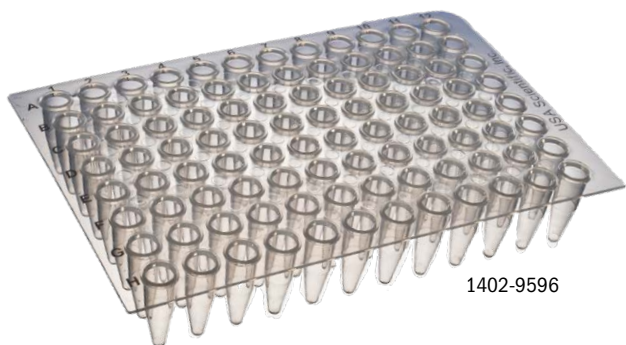
1402-9990 H12 corner notch, white 0.1 mL; Low Profile, Straight Skirt. Fits the LightCycler® 480

1402-9700 A12 corner notch, natural 0.2 mL; Contoured Skirt. Fits most cyclers, including ABI Prism® and GeneAmp® systems

1402-9200 A12 corner notch, natural 0.2 mL; Straight Skirt

1402-9300 A12 corner notch, natural 0.2 mL; Contoured Skirt and Raised Sides

1402-9100 A1 corner notch, natural 0.1 mL; Low Profile, Straight Skirt, Raised Sides. Fits ABI Fast™ cyclers



1402-9596

Non-Skirted 96-Well Plates

Rimmed wells minimize cross contamination. Two/sleeve, ten/box.

1402-9500 H12 corner notch, natural 0.1 mL; Low Profile

1402-9596 A12 corner notch, natural 0.2 mL

1402-9598 A12 corner notch, assorted colors 0.2 mL

Full-Skirted 96-Well Plates

Rimmed wells minimize cross contamination. Two/sleeve, ten/box.

1402-9800 A12 corner notch, natural 0.1 mL; Low Profile, stackable

Full-Skirted 384-Well Plates

Rimmed wells minimize cross contamination. Choose LightCycler® style (two corner notches) or ABI® style (one notch). Ten/box.

1438-4600 A24 and P24 corner notches, natural

1438-4690 A24 and P24 corner notches, white

1438-4700 A24 corner notch, natural

1438-4790 A24 corner notch, white



1402-9800

TempPlate®

Real-Time Optically Clear Films

TempPlate RT

Non-fluorescing adhesive and an ultra-smooth plastic liner. Two end tabs; use from -40°C to 120°C. Non-pierceable, non-sterile. 100 sheets/box.

2978-2100 standard cut
2978-2700 inset cut

TempPlate RT Select

Pressure sensitive, strong silicone adhesive will not lift during repeated cycles or plate twisting and does not stick to gloves. Two end tabs; use from -80° to 105°C. DMSO resistant. Inset cut.

2921-7800 non-sterile, 100 sheets/box

End-Point (Traditional) PCR Films & Foils

Clear films resist tearing and are easy to remove.

Non-pierceable; -40° to 120°C.

Foils block light transmission. Pierceable; -80° to 120°C.

EXT films; -20° to 120°C.

TempPlate Film

Clear polypropylene film with strong acrylic adhesive. Two end tabs; 100 sheets/box.

2921-0000 standard cut, non-sterile
2921-0010 standard cut, sterile

TempPlate XP Film

Lowest evaporation rate and best tear resistance due to flexible polyester base and thicker adhesive. Two end tabs; 100 sheets/box.

2972-2100 standard cut, non-sterile
2928-0100 inset cut, non-sterile

TempPlate Foil

Two end tabs.

2923-0100 standard cut, non-sterile, 100 sheets/box
2923-0110 standard cut, sterile, 50 sheets/box

Single Tab Foil

Non-perforated tab. Non-sterile; 100 sheets/box.

2938-4100 standard cut, full length side tab
2939-6100 inset cut, small side tab

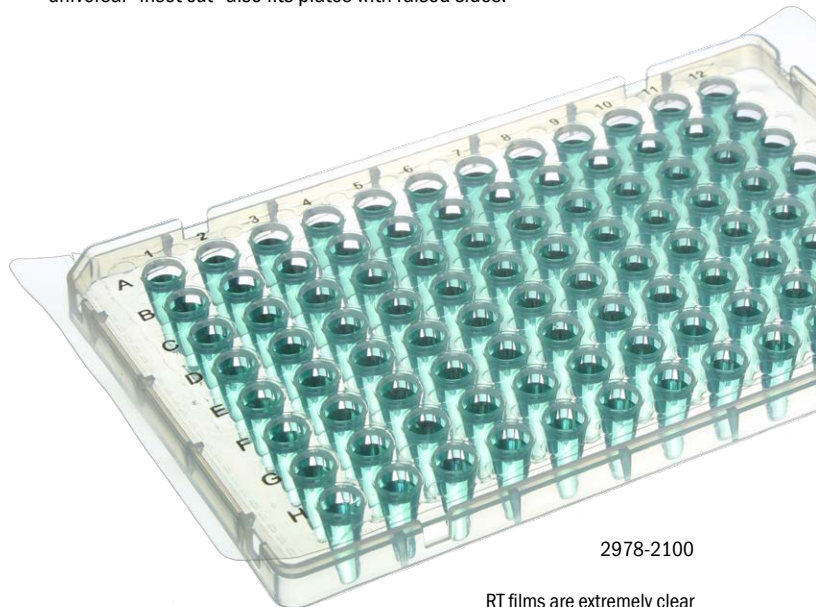
TempPlate EXT Film and Foil

Strong seal and DMSO resistant. Leaves no residue; great for cold storage. Chamfered corners on inset cut film and foil eliminate overhang with robotic plates. Non-sterile; 100 sheets/box.

2998-0000 inset cut film, two end tabs
2998-4500 standard cut film, two end tabs
2998-7100 inset cut foil, one end tab

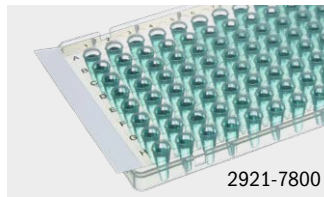
PCR Sealing Film & Foil

All TempPlate® seals are certified free of detectable RNase, DNase, and nucleic acids. "Standard cut" film extends to the edges of the plate. The universal "inset cut" also fits plates with raised sides.

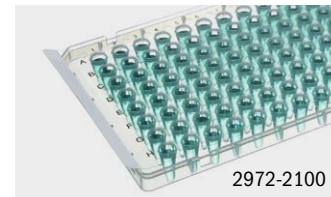


2978-2100

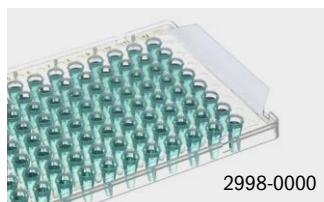
RT films are extremely clear for better light transmission and less distortion.



2921-7800



2972-2100



2998-0000



2923-0100



2938-4100



2938-4100



2998-7100

Need help choosing a film?

For more information, see usascientific.com/sealing-films-and-foils

Seal-Rite®

Strong. Dependable. Multi-tasking.

Seal-Rite® tubes protect your samples with a precision sealing system that prevents evaporation, leakage, and accidental opening. Rated for centrifugation up to 25,000 × g and packed in tamper evident, zip top bags for safe storage. Certified free of detectable RNase, DNase, DNA, and pyrogens. Autoclaving is not necessary for most molecular biology applications.

Seal-Rite tubes are pure virgin polypropylene and are manufactured with fully automated, state-of-the-art production equipment housed in a positive pressure, HEPA filtered environment. No processing additives such as slip agents, biocides, or antistatic agents are used during production. Your samples remain protected from potential bioactive contaminants.

Seal-Rite 1.5 mL Tubes

1615-5500 Natural, 500/bag
 1615-5510 Natural, sterilized*, 5 bags of 100 (500)
 1615-5599 Assorted colors, 5 bags of 100 (500)
 1615-5507 Amber, 500/bag

Seal-Rite 2.0 mL Tubes

Rounded base creates a more visible pellet that is easier to resuspend. Ideal for bacteria and other cells.

1620-2700 Natural, 500/bag
 1620-2799 Assorted colors, 5 bags of 100 (500)
 1620-2707 Amber, 500/bag

Seal-Rite 0.5 mL Tubes

1605-0000 Natural, 5 bags of 200 (1000)
 1605-0099 Assorted colors, 5 bags of 200 (1000)
 1605-0007 Amber, 1000/bag

*Sterile tubes have a limit of 20,000 × g

Seal-Rite Starter Pack

1.5 and 2.0 mL Seal-Rite Tubes
 8700-1525 Natural, 5 bags each of 500 (5000)



Rounded base for easier pellet resuspension



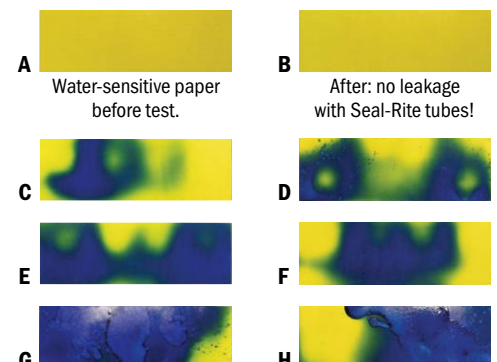
Assorted Colors

Microcentrifuge Tube Leak Test

Does your tube maintain a seal while heating? Although a tube may remain closed, evaporation can occur when a seal is incomplete. Seal-Rite passes the test with no leaks!

Water-sensitive paper has a specially coated yellow surface that turns blue when exposed to moisture. This indicating paper (A) was placed across the top of Seal-Rite (B) and other brands (C-H) 1.5 mL tubes containing 1 mL of 50% ethanol and incubated at 95°C for 15 minutes in a dry bath with a tightly closed lid. Tube brands C-H show varying levels of failure.

Not sure about your tubes? Try Seal-Rite for worry-free incubations or storage. Contact us for free samples.



Boxes and Racks



2381-5048



2381-5800

81-Place Polypropylene Freezer Boxes

Holds most 1.5/2.0 mL tubes and cryogenic vials. Alphanumeric indicators and low dividers. 5 1/8" L 5 1/8" W x 1 7/8" H. 5/pack.

2381-5048 Mixed neon colors with natural lids

2381-5800 Natural color

100-place Polypropylene Hinged Freezer Boxes

Lids have a durable, rolling hinge that withstands freezer storage and a snap-clasp that keeps boxes closed. 5 1/8" L x 6" D x 2 3/16" H, 5/pack.

2310-5848 Mixed neon colors

2310-5800 Natural color

2310-5809 Black color



2310-5848



9023-8181

Premium Cardboard Freezer Boxes

Moisture resistant coating. Deep lids (1 3/8" H) hold tubes up to 70 mm H. Shallow lids are 1 5/16" H. 5 1/4" x 5 1/4" x 2" H fully closed.

9023-8181 81-place box, deep lid, each

9523-8181 81-place box, deep lid, 50/case

9023-4981 81-place box, shallow lid, each



2344-1000



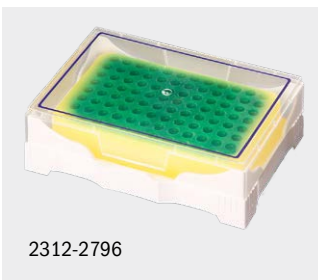
2344-1040

Totally Tubular® Rack

Modular system of 4 blocks and one tray holds microcentrifuge, culture, 15 mL, 50 mL, and other tubes. Polypropylene.

2344-1000 Mixed standard colors

2344-1040 Mixed neon colors



2312-2796



2312-5496

Arcticlce® PCR Chill Racks

Chill racks change color at temperatures above 7°C. Freeze at -20°C before use; racks stay below 7°C for approximately three hours. Holds 96 x 0.1/0.2 mL tubes or one 96-well plate. Includes locking lids. 2/pack.

2312-2796 PCR chill rack, yellow/green

2312-5496 PCR chill rack, purple/pink

TOUGH-SPOTS®



Need more label and storage options?
See usascientific.com for more information.

Labels on Rolls

Convenient labels withstand autoclaving, boiling, freezing, or heating without peeling or cracking.

Tough-Spots®

For temperatures from -196° to 80°C. Vinyl; 1000/roll.

9185-0500 1/2" (1.5-2.0 mL tube), white

9185-05XX† 1/2" (1.5-2.0 mL tube), colors

9185-0000 3/8" (0.5 mL tube), white

9185-00XX† 3/8" (0.5 mL tube), colors

†To order a color replace XX with 01=blue, 02=green, 03=orange, 04=red, 05=violet, 06=yellow, 07=pink. More colors online.

Mixing and Temperature Control



2520-1001

Less than 4.5"
wide!

Thermal-Lok™ Mini Dry Baths

Compact units with digital control. Choose the original mini for 5°C above ambient to 100°C or the new Mini Dry Bath HC that cools to 25°C below ambient and heats to 100°C. Each includes a clear polycarbonate lid and a block lifter with insulated handle. Two-year warranty. See usascientific.com for additional blocks.

- 2520-1001 Mini Dry Bath (without blocks)
- 2530-1001 Mini Dry Bath HC (without blocks)
- 2515-1520 15-place block for 1.5/2.0 mL tubes
- 2515-4015 15-place block for 1.5 mL tubes only
- 2540-4020 40-place (5x8) block for 0.2 mL PCR tubes
- 2506-4050 6-place block for 5.0 mL tubes (17 mm diameter)



2530-1102

Thermal-Lok™ Digital Dry Bath

Dry heat bath provides precise, stable temperatures from 5°C above ambient to 150°C. Large digital display and convenient 1-999 minute timer. Accuracy $\pm 0.2^\circ\text{C}$; increments 0.1°C. Includes a block lifter with insulated handle. Two-year warranty. See usascientific.com for additional blocks.

- 2530-1102 Two position dry bath with two 1.5/2.0 mL blocks*
- 2510-1102 Two position dry bath (without blocks)
- 2520-0000 24-place block for 1.5/2.0 mL tubes
- 2524-1500 24-place block for 1.5 mL tubes only
- 2512-0000 12-place block for 15 mL tubes
- 2505-0000 5-place block for 50 mL tubes

***Get 2 Blocks For the price of 1 when you order Thermal-Lok 2530-1102!**



2527-2000

2D Rocker

Variable rocker tilts from level to $\pm 30^\circ$

Adjustable speed from 2-30 rpm

Non-skid, flat rubber mat

Convenient platform size (14" x 12") accommodates a wide variety of vessels for gel staining, blotting, and more. For cold rooms or the bench top (4° to 45°C). Add a stacking tray for more capacity. Brushless motor; two-year warranty.

- 2527-2000 Variable Speed 2D Rocker, 115V
- 2527-2007 Stacking tray with flat mat (2D Rocker only)



2523-3230

3D Rocker

3D nutating motion

0-30° manual tilt adjustment

Includes flat and dimpled mats

Popular platform size (12" x 12") and two mat options provide versatility for mixing in large or small vessels at speeds from 2-30 rpm. For cold rooms or the bench top (4° to 45°C). Add a stacking tray for more capacity. Brushless motor; two-year warranty.

- 2523-3230 Variable Speed 3D Rocker, 115V
- 2523-1007 Stacking tray with flat mat (3D Rocker only)
- 2523-1073 Stacking tray with dimpled mat (3D Rocker only)

Freezer Racks

Stainless Steel Freezer Racks

Individual compartments hold plastic or cardboard 5 ¼" × 5 ¼" × 2" high boxes. Racks below are 5 ½" deep. (Boxes sold separately.)

Upright Freezer Racks

- 2602-3300 3 L × 3 H, 16 5/16" × 6 5/8" H
- 2602-3400 3 L × 4 H, 16 5/16" × 8 7/8" H
- 2602-3500 3 L × 5 H, 16 5/16" × 11" H
- 2602-4300 4 L × 3 H, 21 5/8" × 6 5/8" H
- 2602-4400 4 L × 4 H, 21 5/8" × 8 7/8" H
- 2602-4500 4 L × 5 H, 21 5/8" × 11" H



2602-3300



2602-3400

Upright Freezer Racks with Drawers

Load by sliding boxes through the sides of the frame.

- 2632-3300 3 L × 3 H, 16 1/2" × 7 7/8" H
- 2632-3400 3 L × 4 H, 16 1/2" × 9 7/8" H
- 2632-4300 4 L × 3 H, 22" × 7 7/8" H
- 2632-4400 4 L × 4 H, 22" × 9 7/8" H
- 2632-4500 4 L × 5 H, 22" × 11 13/16" H



2602-4500



2632-3300

Chest Freezer Racks with Locking Rods

- 2602-1100 1 L × 11 H, 5 5/8" × 24 3/16" H
- 2602-1200 1 L × 12 H, 5 5/8" × 26 3/8" H

Multiple Well Plate Rack Capacity

Cat. No.	Style	With Lids	Without Lids
2661-0900	Standard	84	102
2642-0957	Standard	56	64
2652-0957	Standard	70	80
2662-0957	Standard	84	96
2696-4600	Drawer	72	96

[Find more freezer rack options online!](#)



2602-1100



2602-1200

Arcticlce® Cryogenic Tubes

Estimate volumes with highly visible graduations

Use for -80°C or vapor phase liquid nitrogen

More sizes and formats online

Medical grade polypropylene tubes feature black 100 µL graduations and large white labeling areas. Convenient self-standing, tamper-evident bags are resealable. Choose internal (O-ring) or external threads. Sterilized and certified RNase, DNase, DNA free, and non-pyrogenic. Made in the USA; 50 tubes/pack.

Arcticlce Cryogenic Tubes, Sterile	Self-Standing, Star-Shaped Base	Round Bottom Base
1.0 mL, external thread, V-bottom	1410-7310	--
1.8 mL, internal thread, U-bottom	1410-7310	1418-8410
1.8 mL, external thread, U-bottom	1410-7310	1418-8310

Need special or custom packaging? We can provide tubes for diagnostic tests, OEM kits, and more.



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TipOne®, ErgoOne®, Seal-Rite®, CytoOne®, Layer4®, TempPlate®, TempAssure®, PlateOne®, BestRack®, Totally Tubular®, ArcticIcE®, Precise Solutions®, CalibrationOne® and USA Scientific® are registered trademarks of USA Scientific, Inc. Profile Point™, Profile Wall™, No-Drift™, Protection Perimeter™, CELL CULTURE PERFORMANCE WARE™, and Thermal-Lok™ are trademarks of USA Scientific, Inc. Other marks in this catalog may be registered trademarks of their respective companies.

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Layer4® RapidDon

Easy to put on even damp hands!

Layer4® RapidDon gloves with enhanced donning technology reduces resistance caused by damp hands - gloves glide on faster and easier.

Looking for a glove that is easy to put on and comfortable enough for all day use? New Layer4 RapidDon gloves meet the demanding needs of daily lab work. Layer4 RapidDon gloves go on damp hands with ease and have an excellent grip under wet conditions.

Layer4® RapidDon, Case

Extra Small (2500/Case)	3925-1100C
Small (2500/Case)	3925-2200C
Medium (2500/Case)	3925-3300C
Large (2500/Case)	3925-4400C
Extra Large (2300/Case)	3925-5500C



Layer4® Comfort

Powder-Free Soft Nitrile Exam Gloves

Looking for a glove with dexterity, strength, and comfort? Layer4® Comfort gloves meet the demanding needs of daily lab work. Manufactured with an advanced process that uses a minimal amount of surfactants, Layer4 Comfort gloves have an improved grip under wet conditions. In addition, their low dermatitis potential means sensitive users can avoid the redness and itching of contact dermatitis associated with other formulations of nitrile gloves.

Layer4® Comfort, Case

Extra Small (2000/Case)	3915-1100C
Small (2000/Case)	3915-2200C
Medium (2000/Case)	3915-3300C
Large (2000/Case)	3915-4400C
Extra Large (2000/Case)	3915-5500C

*This product has demonstrated reduced potential for sensitizing users to chemical additives. Warning: do not use this product if you have a known allergy to chemical additives.

Eppendorf products not available through MJS BioLynx.



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