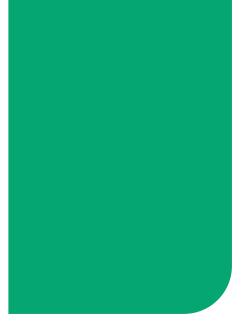




Summer 2023







TipOne®



Made in the USA

Reduce lab plastics with easy-to-use refills

Reuse long-life racks

Nesting refills save space and plastic

Doing science doesn't have to be wasteful.

From our eco-friendly product design to our innovative manufacturing practices, we're committed to reducing our environmental impact. As your partners in how you do your work, together we can drive sustainability.



Our entire TipOne® production facility is powered by 100% wind energy.



Filter tip refills can save up to 63% of the plastic required for individual racks and 20% of the storage space of standard racks.

TipOne® is the original easy-to-load, refillable tip system that saves space and reduces waste. The racks 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.





Refill wafers drop into racks easily and snap into place.



Recessed tip compartments reduce movement for easier tip application.



Long-life hinges open 120° for easy access.



Reduce leftover plastic with TipOne refills. Reuse racks and recycle refill wafers and shells.



 $10~\mu\text{L}$ and $10~\mu\text{L}$ XL TipOne tips are supplied in red wafers and fit pipettes with ultra-micro tip cones.

 $10~\mu L$ 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.



 $200 \, \mu L$ tips are available with Profile PointTM, beveled, or original tip orifices. All are the same length. Profile Point tips are clearer due to the thinner Profile WallTM construction. Yellow wafers.



 $300~\mu L$ 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. $300~\mu L$ tips can also be used on many $100~\mu L$ and $200~\mu L$ pipettes. Green wafers.



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

TipOne®

Ways to save with TipOne

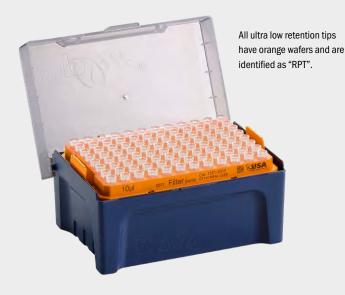




All refills nest, including long and narrow tips. Nesting saves space during storage and transport and reduces packaging materials. Tamper-evident, resealable bags have a self-standing base and stay upright during storage or use.



	10 racks	Racks of 96 (96	0 tips)	10 wafers	Refills of 96 (96	60 tips)	5 layers of	Stacks f 192 (96	0 tips)		Bags 100 tips)	
10 μL graduated	1111-3800	\$63.20	\$37.95	1111-3700	\$47.10	\$29.75	1111-3200	\$54.65	\$35.25	1111-3000	\$36.35	\$22.65
10 µL graduated, sterile	1111-3810	\$77.20	\$47.75				1111-3210	\$61.80	\$38.00			
10 μ L XL, graduated	1110-3800	\$63.20	\$37.95	1110-3700	\$52.45	\$30.60				1110-3000	\$36.35	\$23.85
200 μL beveled	1111-1800	\$63.20	\$32.50	1111-1700	\$47.10	\$28.20	1111-1200	\$51.75	\$29.55	1111-1000	\$36.35	\$20.70
200 µL beveled, sterile	1111-1810	\$77.20	\$46.05				1111-1210	\$58.45	\$30.95			
200 µL Profile Point™, graduated	1110-1800	\$63.20	\$32.05	1110-1700	\$47.50	\$26.85	1110-1200	\$51.75	\$33.65	1110-1000	\$36.35	\$20.45
300 µL graduated	1110-9800	\$66.50	\$36.50	1110-9700	\$52.45	\$31.95				1110-9000	\$39.65	\$22.70
1000μ L graduated, blue	1111-2821	\$68.90	\$38.25	1111-2721	\$56.15	\$33.70				1111-2021	\$39.65	\$22.85
1250 µL XL, graduated	1112-1820	\$68.90	\$38.00	1112-1720	\$56.15	\$32.40				1112-1020	\$43.45	\$25.95







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

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 8-13 for additional information on TipOne rack and refill formats and filter tip performance.

Save now with special pricing!

Use code PSSEP23.









TipOne RPT	Racks		Refill	s	Filter T	ïps	10 refill case	settes of
Ultra low retention tips.	10 racks of 96 (960 tips)	10 wafers of 96	(960 tips)	10 racks of 96	(960 tips)	96 (960	tips)
10 μL graduated	1161-3800 \$	\$40.50	1161-3700	\$32.60	1181-3810	\$86.20	1181-3710	\$77.40
10 μL XL, graduated	1160-3800 \$	\$40.50	1160-3700	\$32.60	1180-3810	\$86.20	1180-3710	\$77.40
20 µL Profile Point™, graduated					1183-1810	\$86.20	1183-1710	\$77.40
20 μL beveled					1180-1810	\$86.20	1180-1710	\$77.40
100 μL Profile Point, graduated					1183-1840	\$86.20	1183-1740	\$77.40
100 μL beveled					1180-1840	\$86.20	1180-1740	\$77.40
200 μL beveled	1161-1800 \$	\$39.60	1161-1700	\$31.95				
200 µL Profile Point, graduated	1163-1800 \$	\$39.60	1163-1700	\$31.95				
200 μL graduated					1180-8810	\$86.20	1180-8710	\$77.40
300 μL graduated	1160-9800 \$	\$41.35	1160-9700	\$35.25	1180-9810	\$91.45	1180-9710	\$82.40
1000 μL XL, graduated					1182-1830	\$101.95	1182-1730	\$91.45
1250 μL XL, graduated	1161-1820 \$	\$52.00	1161-1720	\$36.60				

Proprietary UHDPE filters block >99% of aerosols

Tip info is laser marked on each wafer

Hinged racks can be opened with one hand



Trusted Performance

TipOne® filter tips block >99% of aerosols to prevent sample contamination. TipOne tips do not contain clarifiers or processing additives (slip agents, biocides, antistatic agents, etc.) and are 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

The racks are reusable and can be repeatedly autoclaved. Would you like to reduce leftover plastic but need to maintain sterility? Try TipOne sterile filter tip refill cassettes. See page 7 for information.

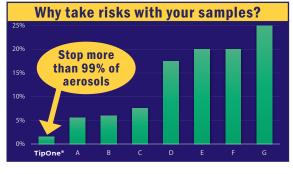
$10 \, \mu \text{L}$ $10 \, \mu \text{L}$ XL $20 \, \mu \text{L}$ Profile Point $20 \, \mu \text{L}$ $100 \, \mu \text{L}$ Profile Point $100 \, \mu \text{L}$ $155 \, \mu \text{L}$ $200 \, \mu \text{L}$ $1000 \, \mu \text{L}$ $1000 \, \mu \text{L}$ $1000 \, \mu \text{L}$

Filter Tip Racks

Save up to 28%!

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

$10 \mu\text{L}$ graduated (2.5, $10 \mu\text{L}$)	1121-3810	\$107.00	\$77.40
10 μ L XL, graduated (1, 5, 10, 20 μ L)	1120-3810	\$107.00	\$77.40
20 μL Profile Point™, graduated (10 μL)	1123-1810	\$107.00	\$77.40
20 µL beveled	1120-1810	\$107.00	\$77.40
50 μL beveled	1120-2810	\$107.00	\$77.40
100 μ L Profile Point, graduated (10, 50, 100 μ L)	1123-1840	\$107.00	\$77.40
100 μL beveled	1120-1840	\$107.00	\$77.40
155 μL beveled	1124-5810	\$107.00	\$77.40
200 μL graduated (50, 100, 200 μL)	1120-8810	\$107.00	\$77.40
300 μL graduated (100, 200, 300 μL)	1120-9810	\$110.35	\$83.25
1000 μL	1126-7810	\$129.35	\$92.65
1000 μL XL, graduated (100, 250, 500, 1000 μL)	1122-1830	\$129.35	\$92.65



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.

TipOne® Filter Tip Refills

*Filter tip refills are for use inside new 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*

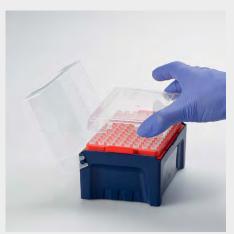
Safe & clean: sterile tips are not exposed while loading racks

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 align 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.



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

10 refill cassettes (960 tips).

Filter Tip Refill Cassettes Save up to 28%! Use with new, improved TipOne racks only.

10 μL graduated	1121-2710	\$96.45	\$69.70
10 μL XL, graduated	1120-3710	\$96.45	\$69.70
20 µL Profile Point™, graduated	1123-1710	\$96.45	\$69.70
20 μL beveled	1120-1710	\$96.45	\$69.70
$50 \mu\text{L}$ beveled	1120-2710	\$96.45	\$69.70
100 μ L Profile Point, graduated	1123-1740	\$96.45	\$69.70
100 μL beveled	1120-1740	\$96.45	\$69.70
155 μ L beveled	1124-5710	\$96.45	\$69.70
200 μL graduated	1120-8710	\$96.45	\$69.70
$300 \mu\text{L}$ graduated (100, 200, $300 \mu\text{L}$)	1120-9710	\$99.40	\$74.85
1000 μL	1126-7710	\$116.45	\$83.20
1000 μL XL, graduated	1122-1730	\$116.45	\$83.20

Microcentrifuge 24



Small space, big results!

Compact footprint saves space on the bench top

Short-spin feature allows quick centrifugation

The Microcentrifuge 24 is designed for everyday molecular applications while saving space on the bench top. Microcentrifuge 24 is ideal for nucleic acid and protein preparation and extraction. The lid is easy to close and opens automatically at the end of a run to allow sample access and heat release to protect sample integrity. Aerosol-tight rotor provides protection from potential contamination and hazardous materials. Optional PCR strip rotor holds 4×8 -tube PCR strips or up to 32 individual PCR tubes.



High quality aluminum rotors are autoclavable for easy cleaning. The optional PCR rotor allows for 32 individual tubes or (4) 8-tube strips.

Specifications:

 $\begin{array}{ll} \text{Max RCF:} & 21{,}300 \times \text{g} \\ \text{Max Speed:} & 15{,}060 \text{ rpm} \end{array}$

Max Capacity: $24 \times 1.5/2.0$ mL microcentrifuge tubes

Rotor Option (1): 4 × 8-tube PCR strips or 32 individual PCR tubes

Acceleration/

replacement fuses

Deceleration: 15 s

Noise level: <56 dB(A) with 24-place microcentrifuge rotor

Dimensions: 9.6" W × 13.7" D × 8.7" H

Weight: 28.6 lbs.

Electrical: 120V, 50 Hz/60 Hz

Warranty: 2 Years

8030-0000 Microcentrifuge 24, air-cooled, includes 24-place rotor with aerosol-tight lid	\$2,299.40	\$2,054.05
8030-0001 Microcentrifuge 24, air-cooled, rotor not included	\$2,064.75	\$1,854.50
8030-0020 PCR rotor for Microcentrifuge 24, 32-place, fixed angle rotor for 0.2 mL PCR tubes or 4 × 8-tube strips with lid	\$760.55	\$682.40
8030-0010 Standard Rotor 24 for Microcentrifuge 24, 24-place, 1.5 mL and 2.0 mL microcentrifuge tubes with aerosol-tight lid	\$731.10	\$655.40

Free Dual Rotor Personal Microcentrifuge with purchase!

Purchase a Microcentrifuge 24 with rotor (8030-0000) and add item 2641-0016 to your order. Offer valid through September 30, 2023. Free item not available with other specials or promotional pricing. Void where prohibited.



The Personal Minicentrifuge

Centrifugation at your fingertips

Spin tubes and strips from 0.5 mL to 2 mL

Easy one-handed operation

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 unit includes a PCR strip rotor, a microcentrifuge tube rotor, a power adapter with 4 exchangeable plugs, and adapters for both 0.5 mL and 0.2 mL tubes.

8030-5000 Personal Minicentrifuge

\$350.00





Quick Start - The Personal Minicentrifuge is easy to start. Just press down on the clear protective lid to securely lock and start spinning!



Quick and Easy Rotor Change - To mount one of the two rotors, simply push it onto the drive shaft until there is an audible click. Remove it by pulling it straight up and off the shaft.



One Touch Stop - The Personal
Minicentrifuge is just as easy to stop.
Lightly press the stop button for fast braking
and release of the electromagnetic lid lock.



Quiet Operation - The quiet and smooth operation does not contribute to laboratory background noise.

Specifications:

Max Speed: $6,500 \text{ rpm} \pm 1\%$ Max RCF: $2,500 \times g$

Rotors: $8 \times 1.5/2.0 \text{ mL}$ and 0.5/0.2 mL

microcentrifuge tubes adapters and 4 × 8-tube strips or 32 individual PCR tubes

Noise Level: 55 dB(A)

Power Supply: 100 - 240V, 50Hz - 60Hz

Unit Input: 24 VDC 12 W Weight: 2.5 lbs.

Dimensions: 5.1" W × 6.3" D × 4.4" H

Warranty: 2 Years





A PCR strip rotor, microcentrifuge tube rotor, and tube adapters are included with purchase of a Personal Minicentrifuge. Extras can be purchased separately online.

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) \$3,104.70 \$2,872.30 **Blocks and Adapters** 8012-0010 24 × 0.5 mL microcentrifuge tubes \$617.30 \$578.20 \$578.20 8012-0011 24 × 1.5 mL microcentrifuge tubes \$617.30 8012-0012 24 × 2.0 mL microcentrifuge tubes \$617.30 \$578.20 8012-0013 24×12 mm diameter tubes \$617.30 \$578.20 \$578.20 8012-0014 8 × 5.0 mL conical centrifuge tubes \$617.30 8012-0015 8 × 15 mL conical centrifuge tubes \$617.30 \$578.20 8012-0016 4 × 50 mL conical centrifuge tubes \$578.20 \$617.30 8012-0017 24 × 1.5-2.0 mL cryogenic tubes \$617.30 \$578.20 \$817.40 \$765.75 8012-0018 Multiple/deep well plate, with lid \$269.90 \$253.15 8012-0019 96 × 0.2 mL PCR adapter*

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
Temperature control range**: 13°C below RT to 99°C

Relative humidity: 70% max

Dimensions (W \times D \times H): 8.7" \times 9.8" \times 4.9"

Weight base unit: 7 lbs

Mains connection: 100 to 240 V, 50 to 60 Hz

Power consumption: 90 W Warranty: 2 Years

Free block and tubes with purchase!

*Must be used with the 8012-0018 block

Purchase a Mixer HC (8012-0000) and receive a free block and a bag of 1.5 mL Seal-Rite® tubes (1615-5500). Choose any of the above blocks and add it and 1615-5500 to your cart or order to receive the free items. Offer valid through September 30, 2023. Use code PSSEP23 on your order.

^{**} Block dependent, see website for additional temperature ranges.

Seal-Rite®

Strong. Dependable. Multi-tasking.

Buy 5 units and get 1 free!

Mix/match Seal-Rite tubes on this page. Free tube equal or lesser value. Add 6 items to your cart to receive free item. Offer valid through September 30, 2023. Use code PSSEP23.

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 made of 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	\$25.40	\$17.10
1615-5510	Natural, sterilized*, 5 bags of 100 (500)	\$32.05	\$21.30
1615-5599	Assorted colors, 5 bags of 100 (500)	\$25.40	\$20.50
1615-5507	Amber, 500/bag	\$25.40	\$20.50

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	\$32.05	\$22.55
1620-2799	Assorted colors, 5 bags of 100 (500)	\$32.05	\$22.55
1620-2707	Amber, 500/bag	\$32.05	\$22.55

Seal-Rite 0.5 mL Tubes

1605-0000	Natural, 5 bags of 200 (1000)	\$47.40	\$37.00
1605-0099	Assorted colors, 5 bags of 200 (1000)	\$47.40	\$37.00
1605-0007	Amber, 1000/bag	\$47.40	\$37.00

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





Rounded base for easier pellet resuspension



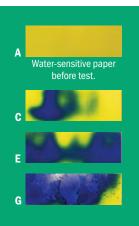
Assorted Colors

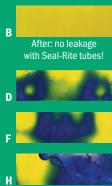
Microcentrifuge Tube Leak Test

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!

The sealing efficiency of Seal-Rite tubes was tested by detecting the amount of liquid loss during heating using a water-sensitive paper indicator. The paper indicator (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.





ErgoOne® FAST



Pipette Controller

Fits serological 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 μ m filters, one 0.2 μ m filter, rechargeable battery, and charger. Two-year warranty.

7166-0010 ErgoOne FAST controller \$505.25 \$389.20 7166-6306 ErgoOne FAST bench top stand \$25.20 \$22.70



Battery life indicator changes color with full, half, or almost empty charge.



Bench top support stand attaches to the handle of the ErgoOne FAST.

Free stand & serological pipets!

Free serological pipets and a bench stand when you buy an ErgoOne FAST. Choose 5 mL (1075-0110) or 10 mL (1071-0810) and add the bench top stand (7166-6306). Offer valid through September 30, 2023. Value up to \$79.30. Use code PSSEP23.



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

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 to facilitate sterile techniques. Color coded by volume for quick identification.

1070-1210	1 mL, 0.1 mL graduations, 100/sleeve, 1000/case
1072-0510	2mL,0.01mL 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

\$162	.20
\$85	.90

85.90 849.25

56.60

\$115.30

\$179.60

Nitrile Gloves

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.

Gloves glide on for an enhanced fit

Excellent grip in wet conditions

More gloves per box

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

Layer4® RapidDon, Case	\$470.00	\$260.00
Extra Small (2500/Case)	39	25-1100C
Small (2500/Case)	39	25-2200C
Medium (2500/Case)	39	25-3300C
Large (2500/Case)	39	25-4400C
Extra Large (2300/Case)	39	25-5500C

Visit usascientific.com or contact your local sales representative for more glove options.



Layer4® Comfort

Powder-Free Soft Nitrile Exam Gloves

Thin and soft for all day comfort

Excellent grip in wet conditions

200/box - saves space and material

Looking for a glove with dexterity, strength, and comfort? Layer4® Comfort gloves meet the demanding needs of daily lab work. 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 gloves are 100% latex-free with no natural rubber proteins. They pass the viral penetration test (ASTM F1671) and are approved for medical use (FDA 510k). Non-sterile.

Layer4® Comfort, Case	\$340.00 \$235.00
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.

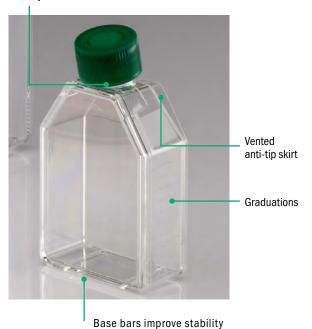


CytoOne®

Cell Culture Flasks



Canted or angled neck for easy access



Easy-access wide necks feature anti-drip collars

Anti-tip skirts and base bars reduce accidents

Zip top bags reseal without tape to protect unused flasks

CytoOne® flasks have canted or angled necks, molded volume graduations, and frosted writing surfaces. Vented filter caps with 0.2 μ m hydrophobic membranes exclude bacterial and fungal contaminates.

High optical clarity provides distortion-free microscopy. Flasks are manufactured from premium grade polystyrene under ISO 9001 standards with rigorous quality control. Certified DNase, RNase, DNA, and pyrogen free; non-cytotoxic. Gamma sterilized.

Filter Cap Flasks, TC Treated

-	•	
CC7682-4825	T25, 10/sleeve, 300/case	\$424.20
CC7682-4875	T75, 5/sleeve, 100/case	\$254.70
CC7682-4815	T150, 5/sleeve, 40/case	\$201.05
CC7682-4822	T225, 5/sleeve, 25/case	\$174.25

Cell Lifters and Scrapers

Gentle silicone rubber blades are easy on cells. Pivoting blades reach into corners easily; flexible ABS handles provide better contact inside flasks. Fixed blade scraper lifts cells from dishes and 6-, 12-, or 24-well plates. Individually wrapped (25/inner pack, 100/case). Gamma sterilized.

CC7600-0250 10 mm pivoting blade, 25 cm handle CC7600-0220 11 mm fixed blade, 22 cm handle

\$195.45 \$195.45



CytoOne®

Prevent accidents – beveled sides on small bases and tabs on large lids allow safe and easy pickup and handling

Avoid unintended lid removal – vented rims reduce condensation and surface tension between dishes

Guard against contamination – small sleeve quantities expose fewer dishes

Stop top refocusing – flat bases keep cells in focus as you move from one section to another

Buy any 1, get 1
50% off!

Purchase any CytoOne dish, plate, or flask on these pages and get another at 50% off. Mix and match. Same or lesser value. Offer valid through September 30, 2023. Void where prohibited. Add both items to your order and use code PSSEP23.

Cell Culture Dishes

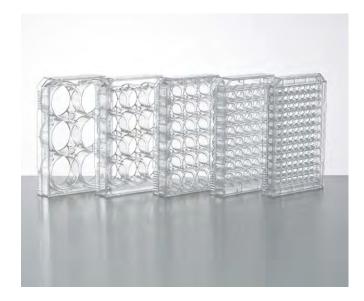




TC Treated Cell Culture Dishes

CC7682-3340	35×10 mm, $10/\text{sleeve}$, $300/\text{case}$	\$113.50
CC7682-3359	60 × 15 mm, 10/sleeve, 300/case	\$132.65
CC7682-3394	100 × 20 mm, 10/sleeve, 300/case	\$276.90
CC7682-3614	150 × 20 mm, 5/sleeve, 60/case	\$114.20

CytoOne®



Multiple Well Plates, TC Treated

\$80.35	6-well, 1/sleeve, 50/case	CC7682-7506
\$85.90	12-well, 1/sleeve, 50/case	CC7682-7512
\$94.30	24-well, 1/sleeve, 50/case	CC7682-7524
\$116.25	48-well, 1/sleeve, 50/case	CC7682-7548
\$118.75	96-well, 1/sleeve, 50/case	CC7682-7596

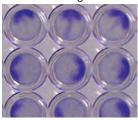
Multiple Well Plates

Prevent cross-contamination with 360° Protection Perimeter™ wells

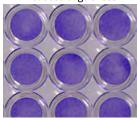
Reduce edge-effects without sacrificing wells by filling perimeter and inter-well spaces

Prevent accidents – ridged bases make pickup and handling easy, even with damp gloves

Common edge effect



Reduced edge effect



Are you experiencing evaporation during incubation? Avoid the edge effect!

Avoid wasting up to 37.5% of your plate to non-use. CytoOne cell culture plates have a complete 360° Protection Perimeter™ around each well. Filling these inter-well spaces with DMEM media during incubation helps produce a more uniform cell layer. Visit usascientific.com/minimizing-edge-effect for more information.



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.

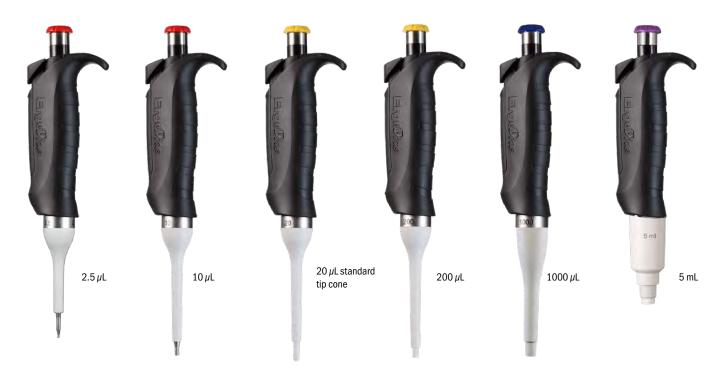
Angled Pipette Stands

Store single channel and multichannel pipettes neatly on the same stand! White acrylic stands come in 3, 5, and 6-place capacity. 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	\$87.45	\$58.15
1999-0005 5-place angled pipette stand, with 2 multichannel positions	\$112.80	\$94.75
1999-0006 6-place angled pipette stand, with 4 multichannel positions	\$150.55	\$101.15



ErgoOne® Single Channel Pipettes





4-digit display for increased accuracy



Stainless steel ultra-micro tip cones for longer life



Plunger forces maximize control and minimize strain



Eight Channel

Single Channel

\$884.30

\$361.00

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

\$707.10

\$256.25

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

7100-1100 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

Twelve Channel

\$1,036.45

\$834.05

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

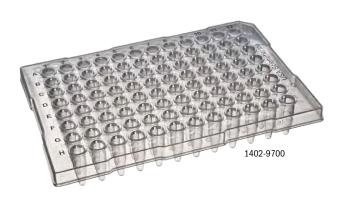
FREE Filter tips with purchase!



Purchase a single channel pipette and receive a unit (10 racks of 96 tips) of the tips on page 6. Buy an 8-channel or 12-channel pipette and receive 2 units (20 racks of 96 tips, same size only) of the tips on page 6. Excludes the 5 mL pipette. Add the free item to your cart before checkout. Offer valid through September 30, 2023.

TempPlate®

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



PCR Plates

Real-time compatible

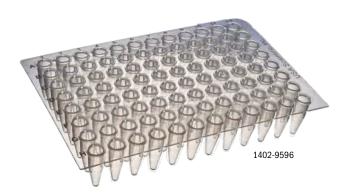
Rapid, even heat transfer for consistent results

Inner sleeves keep plates clean

Ask us for a FREE sample

Semi-Skirted 96-Well Plates

Rimmed wells 1402-9990	minimize cross contamination. Ten/box. H12 corner notch, white 0.1 mL; Low Profile, Straight Skirt. Fits the LightCycler® 480	\$51.30	\$35.35
1402-9700	A12 corner notch, natural 0.2 mL; Contoured Skirt. Fits most cyclers, including ABI Prism® and GeneAmp® systems	\$50.85	\$35.05
1402-9200	A12 corner notch, natural 0.2 mL; Straight Skirt	\$52.35	\$35.90
1402-9300	A12 corner notch, natural 0.2 mL; Contoured Skirt and Raised Sides $$	\$52.35	\$35.90
1402-9100	A1 corner notch, natural 0.1 mL; Low Profile, Straight Skirt, Raised Sides. Fits ABI Fast™ cyclers	\$50.85	\$35.05



Non-Skirted 96-Well Plates

Rimmed wells minimize cross contamination. Ten/box				
	1402-9500	H12 corner notch, natural 0.1 mL; Low Profile	\$50.85	\$35.05
	1402-9596	A12 corner notch, natural 0.2 mL	\$50.85	\$35.05
	1402-9598	A12 corner notch, assorted colors 0.2 mL	\$51.35	\$35.30



Full-Skirted 96-Well Plates

Rimmed wells minimize cross contamination. Ten/box. 1402-9800 A12 corner notch, natural 0.1 mL; Low Profile, \$52.35 \$35.90 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	\$65.05	\$43.85
1438-4690	A24 and P24 corner notches, white	\$61.60	\$41.45
1438-4700	A24 corner notch, natural	\$65.05	\$43.85
1438-4790	A24 corner notch, white	\$59.70	\$40.30

TempPlate®

Real-Time Optically Clear Films

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

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
 \$146.50

 2978-2700
 inset cut
 \$141.70

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°C to 105°C. DMSO resistant. Inset cut.

2921-7800 non-sterile, 100 sheets/box **\$202.75**

End-Point (Traditional) PCR Films & Foils

Clear films resist tearing and are easy to remove.

Foils block light transmission. Non-pierceable; -40°C to 120°C.

Pierceable; -80°C to 120°C. EXT films; -20°C to 120°C.

TempPlate Film Special

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

\$65.10	standard cut, non-sterile	2921-0000
\$102.35	standard cut, sterile	2921-0010

TempPlate XP Film

Lowest evaporation rate and best tear resistance due to flexible polyester base and thicker adhesive. Two end tabs; $100 \, \text{sheets/box}$.

2972-2100	standard cut, non-sterile	\$86.00
2928-0100	inset cut, non-sterile	\$79.60

TempPlate Foil

Two end tabs.

2923-0100	standard cut, non-sterile, 100 sheets/box	\$97.45
2923-0110	standard cut, sterile, 50 sheets/box	\$81.05

Single Tab Foil

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

2938-4100	standard cut, full length side tab	\$77.60
2939-6100	inset cut, small side tab	\$60.20

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	\$59.80
2998-4500	standard cut film, two end tabs	\$66.65
2998-7100	inset cut foil, one end tab	\$92.50

PCR Sealing Film & Foil

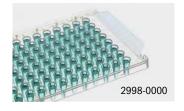
All TempPlate® seals are certified free of detectable RNase, DNase, and nucleic acids. "Standard cut" film extends to the edges of the plate. The universal "inset cut" also fits plates with raised sides. Special pricing shown for all films and foils on this page.

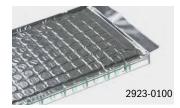
Buy TempPlate RT Select film and get 2 FREE units of plates!

Purchase a unit of TempPlate RT Select (2921-7800) and choose two of the following plates FREE:
Semi-Skirted 96-Well Plates, natural 0.2 mL (1402-9596),
Non-Skirted 96-Well Plates, natural 0.2 mL (1402-9700),
Full-Skirted 384-Well Plates, natural (1438-4700).
Mix and match. Offer valid through September 30, 2023.
Void where prohibited. Use code PSSEP23 on your order.















Need help choosing a film?

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

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 more efficient heat exchange. 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 RNase, DNAse, DNA, and PCR inhibitor free. Tested pyrogen free.



1402-4700

Individual, Attached Caps

0.2 mL; optically clear flat caps, 120 strips of 8/box (960). \$92.50

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). \$92.50

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 1402-1700

Separate Tubes and Cap Strips

Optically clear flat caps. Tubes and caps are labeled to avoid mismatch.

\$92.40

\$92.50

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

0.2 mL; dome caps

8 per strip. 125 strips per box (1000). 1402-1700 Natural \$96.15 12 per strip. 80 strips per box (960). 1402-2400 Natural \$92.40

1402-1708 Assorted colors \$96.15 1402-2408 Assorted colors \$92.40



1402-1800

Attached Cap Strips

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

1402-1880 White 1402-1800 Natural \$96.20

1402-1808 Assorted colors

\$101.45

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 \$56.80



TempAssure

0.2 mL; attached flat cap, 1000/box.

1402-8120 Optically clear cap 1402-8100 Standard cap (shown) \$45.10 \$45.10

\$96,20

PCR Workflow Solutions

HEPA Filtered PCR Workstations

AirClean® PCR Workstations with HEPA filtration feature an ISO 5 (Class 100) clean vertical laminar air flow with UV light sterilization for optimal protection. The UVTect™ controller (32" and 48" units only) indicates when HEPA filters and UV bulbs are ready for replacement. All sizes include a digital 0-59 minute UV light timer and an event timer. One-year warranty.

Workstation packs include a FREE one year supply* of UV bulbs (4) and prefilters (12)

4263-2588	32" W × 24" D × 30" H, 110 V	\$4,036.15	\$3,527.55
4264-8588	48" W × 26" D × 32" H, 110 V	\$5,562.95	\$4,813.60
4262-4588	24" W × 24" D × 30" H, 110 V	\$3,865.45	\$3,318.80
4234-3720	HEPA filter for 32" units	\$425.95	\$367.25
4234-3718	HEPA filter for 24" and 48" units	\$355.40	\$319.65
4235-3773	Prefilter for 32" units, 12/pack	\$226.35	\$188.60
4235-3777	Prefilter for 48" units, 12/pack	\$236.75	\$219.15
4235-3724	Prefilter for 24" units, 12/pack	\$219.75	\$202.35
4288-2540	UV light bulbs for all units, 4/pack	\$268.90	\$233.50
4232-1011	Steel cart for 32" W units	\$1,048.10	\$995.35
4248-1039	Steel cart for 48" W units	\$1,070.10	\$978.30
4224-1001	Steel cart for 24" W units	\$851.75	\$748.35
*Typical estimated usage			



USA Scientific Microplate Centrifuge

Quickly spins down droplets in PCR plates

Small footprint takes up little bench top 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 × 10.2" W × 7.75" H. Two-year warranty.

2532-2000	Microplate Centrifuge for two PCR or microplates	\$919.10	\$835.65
2532-2002	Tube Adapter, holds 96 × 0.2 mL or PCR strips. 2/pk	\$64.95	\$61.65



Mastercycler® X50

The new Mastercycler X50 features ramp rates of up to 10° C/s and is the ideal cycler family for routine applications or advanced research. The 2D-Gradient allows you to optimize both the denaturation temperature (bottom to top) and the annealing temperature (left to right) during the same run.

The highly intuitive touch screen is easy to use, and one unit with a touch screen can be networked with up to nine eco units (no touch screen). See usascientific.com for more information.

Mastercycler X50 models: Special

\$10,072.85	\$11,345.00	X50s, touch screen, 96-well silver block	4063-1110
\$9,513.30	\$10,715.00	3 X50a, touch screen, 96-well aluminum block	4063-1318
\$8,282.10	\$9,328.00	2 X50i, eco unit, 96-well silver block	4063-0112
\$7,722.55	\$8,698.00	X50I, eco unit, 96-well aluminum block	4063-0310





Eppendorf Protein LoBind and DNA LoBind Tubes

Eppendorf Protein LoBind Tubes are specifically designed for use in proteomics or other fields of protein research, where protein concentration tend to be very small and sample recovery is vital for assay results. Significantly more protein can be recovered for downstream analyses and enzymes remain active.

Eppendorf DNA LoBind Tubes maximize sample recovery of nucleic acids by significantly reducing sample-to-surface binding. The ideal solution for sample preparation and long-term storage of your precious samples!



0.5 mL Tubes

4043-1064 0.5 mL, Protein LoBind Microcentrifuge Tubes	\$33.00	\$28.50
4043-1005 0.5 mL, DNA LoBind Tubes, PCR clean, 250 tubes	\$47.00	\$40.85



1.5 mL Tubes

4043-1081	1.5 mL, Protein LoBind Tubes, PCR clean, 100 tubes	\$33.00	\$28.50
4043-1021	1.5 mL, DNA LoBind Tubes, PCR clean, 250 tubes	\$47.00	\$40.85



2.0 mL Tubes

4043-1102 2.0 mL, Protein LoBind Tubes, PCR clean, 100 tubes	\$33.00	\$28.50
4043-1048 2.0 mL, DNA LoBind Tubes, PCR clean, 250 tubes	\$47.00	\$40.85



5.0 ml Tubes

4011-8302 5.0 mL, Protein LoBind Tubes, snap-cap, PCR clean, 100 tubes	\$69.00	\$59.85
4011-8310 5.0 mL, DNA LoBind Tubes, snap-cap, PCR clean, 200 tubes	\$83.00	\$72.20
4011-2356 5.0 mL, Protein LoBind Tubes, screw cap, PCR clean, 200 tubes	\$153.00	\$133.00
4011-2348 5.0 mL, DNA LoBind Tubes, screw cap, PCR clean, 200 tubes	\$94.00	\$81.70



15 mL Tubes

4011-2216	15 mL, Protein LoBind Tubes, screw cap, PCR clean, 200 tubes	\$165.00	\$144.00
4011-2208	15 mL, DNA LoBind Tubes, screw cap, PCR clean, 200 tubes	\$98.00	\$85.50

50 mL Tubes

4011-2240	50 mL, Protein LoBind Tubes, screw cap, PCR clean, 200 tubes	\$203.00	\$176.00
4011-2232	50 mL, DNA LoBind Tubes, screw cap, PCR clean, 200 tubes	\$118.00	\$102.50

eppendorf

Eppendorf Tubes®

Eppendorf Tubes® BioBased

Made with renewable feedstock and food oil waste

Polypropylene certified by ISCC PLUS

The Eppendorf Tubes[®] BioBased with screw caps in volumes of 5.0 to 50 mL significantly reduce the product-related carbon footprint. These tubes are of 90% biobased plastic, and represent Eppendorf's serious attempt to decouple single-use consumables from the usage of fossil resources. Tubes listed below are sterile, screw cap, pyrogen-, DNase-, RNase-, human and bacterial DNA-free, and colorless.

4032-2518	5 mL, Tubes BioBased, sterile, 200 pieces	\$110.00
4032-2526	15 mL, Tubes BioBased, sterile, 500 pieces	\$298.00
4032-2534	25 mL, Tubes BioBased, sterile, 200 pieces	\$133.00
4032-2542	50 mL, Tubes BioBased, sterile, 200 pieces	\$372.00



*Only the tubes are 90% biobased plastic. Eppendorf is preparing to switch the cap to renewable feedstock as well.

Contact your sales representative for a free sample!

Eppendorf Conical 25 mL Tubes

Increased volume accommodates larger sample sizes

Same diameter as the 50 mL tube for ease of use

Available in screw cap and innovative snap cap closure

Compact size requires less storage space

The latest member of the big Eppendorf Tube Family fills the gap between the volumes of traditional conical tubes of 15 mL and 50 mL. Optimized height. outstanding quality and specifications make these conical tubes ideally suited for cell biology, e.g. for pooling media from T75 flasks, bacteria culture in midi prep size or overlapping applications like buffer preparation, storage and transport.

SnapTec™ Snap Cap 25 mL Tubes

Conical Tubes 25 mL with snap cap	, Eppendorf Quality, 200 tubes	
4011-8405	\$92.00	\$80.00

Conical Tubes 25 mL with snap cap, PCR clean, 200 tubes

4011-8413 \$85.50 \$98.00

Conical Tubes 25 mL with snap cap, sterile, 150 tubes

4011-8421 \$70.30

Starter Pack, 25 mL Conical Tubes with snap cap™, 4 Single Tube Stands, 6 adapters for rotors with bore for 50 mL conical tubes, PCR clean, 200 tubes

4011-8502 \$160.00 \$139.65

Screw Cap 25 mL Tubes

SnapTec™ Snap Cap 25 mL Tubes





Screw Cap 25 mL Tubes

Conical Tubes 25 mL with screw cap, Eppendorf Quality, 200 tubes 4011-2410 \$102.00 \$97.00

Conical Tubes 25 mL with screw cap, PCR clean, 200 tubes

4011-2429 \$104.25 \$110.00

Conical Tubes 25 mL with screw cap, sterile, 200 tubes

4011-2437 \$116.00 \$110.20

Starter Pack, 25 mL Conical Tubes with screw cap, 4 Single Tube Stands, 6 adapters for rotors with bore for 50 mL conical tubes. PCR clean, 200 tubes

4011-2500 \$168.00 \$159.60

eppendorf

Eppendorf Centrifuges



Centrifuge 5425

Versatile units set new standards for speed, silence, and simplicity.

Maximum capacity	$24 \times 2.0 \text{ mL} / 10 \times 5.0 \text{ mL}$
Maximum RCF / Speed	$21,300 \times g / 100-15,060 \text{ rpm}$
Dimensions (W × D × H)	24 × 39 × 24 cm

4054-5441 5425, rotary panel, 24 × 1.5/2.0 mL tubes \$3,674.00 \$3,216.70 4054-5042 5425, keypad panel, 24 × 1.5/2.0 mL tubes \$3,674.00 \$3,216.70

Additional rotor options for: 0.4/0.5/1.5/2.0 mL tubes PCR tubes 5.0 mL tubes



Centrifuge 5425 R

Excellent cooling system for the separation of temperature-sensitive samples.

Maximum capacity	$24 \times 2.0 \text{ mL} / 10 \times 5.0 \text{ mL}$
Maximum RCF / Speed	$21,300 \times g / 100-15,060 \text{ rpm}$
Temperature control	-10° to 40°C
Dimensions (W × D × H)	24 × 48 × 26 cm

4054-6445 5425 R, rotary panel, 24 × 1.5/2.0 mL tubes \$8,868.00 \$7,764.35 4054-6046 5425 R, keypad panel, 24 × 1.5/2.0 mL tubes \$8,868.00 \$7,764.35

Additional rotor options for: 0.4/0.5/1.5/2.0 mL tubes PCR tubes 5.0 mL tubes



Need more centrifuge options?

Centrifuge 5430/5430 R

Multipurpose capabilities with a compact footprint.

	5430	5430 R
Maximum capacity	30 × 1.5/2.0 mL	
Maximum RCF / Speed	$30,130 \times g / 100-17,500 \text{ rpm}$	
Temperature control	No	-11° to 40°C

4062-05115430, rotary panel, $30 \times 1.5/2.0$ mL tubes\$6,038.00\$5,286.754062-06235430 R, rotary panel, $30 \times 1.5/2.0$ mL tubes\$11,725.00\$10,265.704062-05095430 R, keypad panel, $30 \times 1.5/2.0$ mL tubes\$6,038.00\$5,286.754062-06015430 R, keypad panel, $30 \times 1.5/2.0$ mL tubes\$11,725.00\$10,265.70

Additional rotor options for:

0.5/1.5/2.0 mL tubes
PCR tubes
PCR plates
PCR plates
Multiple well plates
MiniPrep kits

15/50 mL tubes
Vacutainer® tubes
Oak Ridge tubes
5.0 mL tubes
Cryogenic tubes

eppendorf

Eppendorf Centrifuges

Centrifuge 5810 R

The high-speed Centrifuge 5810 R is one of the smallest 3 L bench top refrigerated centrifuge currently available. It is the workhorse for medium to high-throughput laboratories and combines versatility and high capacity to allow you to use both tubes and plates.

Maximum capacity	4×750 mL/ 4×5 MTP
Maximum RCF / Speed	20,913 × g (14,000 rpm)
Temperature control	-9 to 40°C
Dimensions (W × D × H)	70 × 61 × 35 cm

4062-5501	5810 R, no rotor	\$12,755.00	\$11,192.00
4062-7122	5810 R, Rotor S-4×104	\$15,958.00	\$14,003.00
4062-7082	5810 R, Rotor A-4-81	\$15,474.00	\$13,578.00
4062-7023	5810 R, Rotor A-4-62	\$14,387.00	\$12,624.00



The Rotor S- 4×104 with round buckets holds 56×15 mL conical tubes & 28×50 mL tubes.



The Rotor A-4-81 holds 48×15 mL conical tubes or 20×50 mL tubes.



Additional rotor options for:

0.5/1.5/2.0 mL tubes PCR tubes
PCR plates Multiple well plates
5/15/50 mL tubes Culture tubes
0ak Ridge tubes 175/250 mL tubes



Additional rotor options for:

0.5/1.5/2.0 mL tubes PCR tubes
PCR plates Multiple well plates
5/15/50 mL tubes Culture tubes
0ak Ridge tubes 175/250 mL tubes

Centrifuge 5910 Ri

High capacity in a compact, ergonomic design. Modern interactive touchscreen with an advanced temperature management system. Options below include bucket rotors and adapters. See usascientific.com for more information.

Maximum capacity	4×750 mL $/$ 4×5 MTP
Maximum RCF / Speed	22,132 × g (14,400 rpm)
Temperature control	-11° to 40°C
Dimensions (W × D × H)	72 × 66 × 37 cm

4059-0131 5910 Ri, no rotor included \$14,982.00 \$13,117.60 4059-0548 5910 Ri, Rotor S-4×750, \$18,901.00 \$16,548.50 15/50 mL tubes 5910 Ri, Rotor S-4×Universal, buckets for 50 mL tubes \$17,368.00



The Rotor S-4x750 includes 4 round buckets that can hold 56×15 mL and 28×50 mL conical tubes.



The Rotor S-4xUniversal holds 68×5 mL and 15 mL tubes and 36×50 mL tubes and can hold plates.

Rotator Genie with Magnetic Platform



Compact rotator is small enough to fit into an incubator. The magnetic platform holds clip plates (sold separately); the standard platform uses retaining bands. Rotates from 5-35 rpm; cold room compatible. Measures 15.8" W × 15.8" H × 7" D (11.5" platform horizontal); 120 V; two-year warranty.

7400-2200	Rotator Genie with magnetic platform	\$990.50	\$920.70
7400-2100	Rotator Genie with standard platform	\$960.95	\$913.00
7400-1124	Magnetic clip plate for 6 × 15 mL tubes	\$31.70	\$30.20
7400-1125	Magnetic clip plate for 3 × 50 mL tubes	\$31.70	\$30.20
7400-1140	50-place magnetic box for 1.5-2.0 mL tubes	\$45.45	\$43.40



6 FREE accessories with purchase!

Purchase a Rotator Genie with a Magnetic Platform and receive 2 each of the following: Magnetic Microtube Boxes (7400-1140), Clip Plate for 15 mL tubes (7400-1124), Clip Plate for 50 mL tubes (7400-1125). That's a value of \$217.70! See usascientific.com for redemption form. Offer valid through September 30, 2023.







Digital Vortex-Genie 2 and Vortex-Genie Pulse



Need accurate, reproducible speeds? Choose the Digital Vortex-Genie 2 with 99 sec/99 min timer. The Vortex-Genie Pulse has a random pulsing motion that is more aggressive than vortexing, but less than homogenization or disruption. Each unit includes a 3" platform and a cup head. Optional snapon accessories allow hands-free vortexing.

\$531.95 \$	Genie 2, 500-3000 rpm \$531.95 \$445.45	7402-2360
\$547.95 \$	rulse, 500-3000 rpm \$547.95 \$460.50	7407-2360
\$116.45 \$	peed 1.5 mL Tube Holder \$116.45 \$110.15	7400-8209
\$103.90	peed 15 mL Tube Holder \$103.90 \$98.90	7400-8206
\$91.70	peed 50 mL Tube Holder \$91.70 \$87.30	7400-8203
\$124.80 \$	mL Tube Holder \$124.80 \$121.15	7404-4524

Choose a FREE accessory with purchase!

> Choose one FREE accessory! Purchase a Digital Vortex Genie (7402-2360) or Vortex-Genie Pulse (7407-2360) and choose one (1) FREE accessory from the following: A horizontal microtube holder (7404-4524), a vertical high speed microtube holder (7400-8209), vertical high speed 15 mL tube holder (7400-8206) OR a vertical high speed 50 mL tube holder (7400-8203). See usascientific.com for more offer details and redemption form. Offer valid through September 30, 2023.











Space-saving design easily fits on the lab bench, into a biosafety cabinet, or in a cold room. Ideal for bead-beating procedures utilizing different types of beads for lysing, extraction, or homogenization applications. Solid metal casting weighing 13 pounds ensures stable performance without movement during aggressive vertical mixing. Supplied with 4 Tube Holders - $12 \times 1.5 / 2.0$ mL 9 vertical & horizontal), 6×15 mL, and 3×50 mL.

 7403-1000
 The New Bead Genie
 \$2,500.00

 7400-2401
 Glass Disruptor Beads, 8 fl. oz. bottle, 0.1mm
 \$30.45

 7400-2405
 Glass Disruptor Beads, 0.5 mm
 \$30.45



Spherical lead-free soda lime glass beads aid cell disruption.

The New Bead Genie



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 $\pm 0.2^{\circ}$ 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	\$1,042.70	\$936.70
2510-1102	Two position dry bath (without blocks)	\$761.00	\$692.75
2520-0000	24-place block for 1.5/2.0 mL tubes	\$140.85	\$129.05
2524-1500	24-place block for 1.5 mL tubes only	\$140.85	\$129.05
2512-0000	12-place block for 15 mL tubes	\$140.85	\$129.05
2505-0000	5-place block for 50 mL tubes	\$140.85	\$129.05

Thermal-Lok™ Digital Dry Bath



FREE Stacking tray with 2D Rocker!

Free stacking tray with flat mat (2527-2007) with purchase of 2D Rocker! A value of \$148.50! Add 2527-2007 to your order. Offer valid through September 30, 2023. Use code PSSEP23.

Convenient platform size ($14" \times 12"$) of the 2D rocker 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
 \$917.80

 2527-2007
 Stacking tray with flat mat (2D Rocker only)
 \$148.50

Popular platform size ($12" \times 12"$) and two mat options on the 3D Rocker 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	\$1,077.80
2523-1007	Stacking tray with flat mat (3D Rocker only)	\$136.70
2523-1073	Stacking tray with dimpled mat (3D Rocker only)	\$142.00

3D Rocker & 2D Rocker



Racks and Boxes

2300-9602



PCR Racks

Polypropylene racks include lids with rims. Compact rack holds 96 tubes. Stackable rack holds PCR tubes and skirted or non-skirted plates. 5/pack.

2300-9602	Compact PCR rack, mixed neon	\$39.25	\$33.45
2300-9708	Stackable PCR rack, mixed colors	\$46.95	\$33.65





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 $96\times0.1/0.2$ mL tubes or one 96-well plate. Includes locking lids. 2/pack.

2312-2796	PCR chill rack, yellow/green	\$128.60	\$85.20
2312-5496	PCR chill rack, purple/pink	\$128.60	\$85.20





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	\$48.45	\$46.10
2344-1040	Mixed neon colors	\$48.45	\$46.10





Premium Cardboard Freezer Boxes

Moisture resistant coating. Deep lids (1 %" H) hold tubes up to 70 mm H. Shallow lids are 1 %₁° H. 5 %" × 5 %" × 2" H fully closed.

9023-8181	81-place box, deep lid, each	\$5.60	\$4.00
9023-4981	81-place box, shallow lid, each	\$5.60	\$4.00





Centrifuge Tube Boxes

Safe storage for 15 or 50 mL conical tubes. 5 $\%"\times5~\%\times5"$ H. Autoclavable polypropylene. 2/pack.

2336-1502	15 mL tube boxes, green	\$29.65	\$22.60
2316-5001	50 mL tube boxes, blue	\$29.65	\$22.60

81-Place Polypropylene Freezer Boxes

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

2381-5048	Mixed neon colors with natural lids	\$45.60	\$38.40
2381-5800	Natural color	\$45.55	\$38.35



Direct Thermal Printer and Labels

The mydpi 300v1 Direct Thermal Label Printer

Print fine detail text/barcodes with 300 DPI resolution compatible with USA Scientific laboratory labels. Preloaded with Label LIVE design software on Windows and macOS. No drivers are required.

Adjustable label sensor for off-center holes, gaps, and black line labels for labels as narrow as 0.79" up to full-size print width of 4" (102 mm) with 4.6875" maximum media width up to 4.25" (108 mm) diameter capacity. Prints one color: black on USA Scientific laboratory direct thermal labels or tags. USB-only.

9127-1500 mydpi 300v1 with Design Software

\$410.00

The best label printer for small text and bar codes!



9138-2752

9138-6001

9138-3756

Cryo-Tags® for Direct Thermal Printers

Print labels and barcodes on a roll from your computer. Rolls have 1" diameter cores and are compatible with DYMO® LabelWriter®. For best results use mydpi 300v1 thermal printer with Label LIVE software. For storage from -196° to 70° C. See usascientific.com for more formats and sizes.

		Special
9138-275X*	1.5" × 0.5" for 1.5 mL tubes, 750/roll	\$46.10
9138-375X*	1.5" × 0.75" for 2.0 mL tubes, 750/roll	\$48.10
9138-600X*	1.5" × 0.5" and 3/8" combo label, 500 sets/roll	\$59.85
9138-100X*	1.05" × 0.5" for 0.5 mL tubes, 1000/roll	\$46.10
9138-400X*	3/8" dia. for 0.5-2.0 mL tubes, 4000/roll	\$66.50
9138-450X*	1/2" dia. for 1.5-2.0 mL tubes, 4000/roll	\$66.55
9138-5000	2.0" × 0.25" for microplates, white, 1000/roll	\$85.50
9138-7000	2.0" × 0.75", general use, white, 500/roll	\$37.10

^{*}Replace X for color. 0=white, 1=blue, 2=green, 3=orange, 4=red, or 6=yellow.







9138-5000

9138-7000



WetGrip™ Labels for Direct Thermal Printers

WetGrip labels adhere to wet, frost-covered, and frozen surfaces. Resistant to common laboratory chemicals and solvents, and ideal for plastic, glass, metal, and paperboard surfaces. Functional temperature range: -80° to 70°C. Great for beakers, bottles, flasks, glass vials, tubes, tube racks, and pipettes. Easily remove from surfaces without leaving any adhesive.

		Special
9143-4000	3/8" dia., 1000 labels	\$69.40
9143-1000	1.05" × 0.5", 1000 labels	\$50.35
9143-2750	1.5" × 0.5", 750 labels	\$51.45
9143-6000	1.5" × 0.5" & 3/8" dia., 1000 labels	\$61.75
9143-3750	1.5" × 0.75", 750 labels	\$46.55

2602-3300

Freezer Racks



Buy 3 Get 1 FREE!

Mix or match any rack on this page. Free rack of equal or lesser value. Offer valid through September 30, 2023. Use code PSSEP23.



Individual compartments hold plastic or cardboard 5 $\frac{1}{4}$ " × 5 $\frac{1}{4}$ " × 2" high boxes. Racks below are 5 $\frac{1}{2}$ " deep. (Boxes sold separately.)





Upright Freezer Racks 2602-3300 3 L × 3 H,

2602-3300	3 L × 3 H, 16 1/16" × 6 1/8" H	\$116.20
2602-3400	3 L × 4 H, 16 1/16" × 8 1/8" H	\$132.45
2602-3500	3 L × 5 H, 16 ⅓6" × 11" H	\$151.90
2602-4300	4 L × 3 H, 21 %" × 6 %" H	\$125.00
2602-4400	4 L × 4 H, 21 1/8" × 8 1/8" H	\$167.55
2602-4500	4 L × 5 H, 21 %" × 11" H	\$204.05



Load by sliding boxes through the sides of the frame.

2632-3300	3 L × 3 H, 16 ½" × 7 ½" H	\$282.85
2632-3400	$3 L \times 4 H$, $16 \frac{1}{2}$ " × $9 \frac{7}{16}$ " H	\$347.80
2632-4300	4 L × 3 H, 22" × 7 1/8" H	\$285.20
2632-4400	4 L × 4 H, 22" × 9 1/16" H	\$371.80
2632-4500	$4~\text{L}\times5~\text{H},22"\times11~^{13}\!\!/_{16}"~\text{H}$	\$439.85





Chest Freezer Racks with Locking Rods

2602-1100	1 L × 11 H, 5 5/8" × 24 3/16" H	\$119.25
2602-1200	1 L × 12 H. 5 %" × 26 %" H	\$123.45





Racks for Multiple Well Plates

Upright stainless steel freezer racks hold plates with an industry standard $5" \times 3\%"$ footprint. See usascientific.com for more information.



	• • • • • • • • • • • • • • • • • • •	
2661-0900	6 L × 1 H, 22 1/8" × 5 1/2" × 9 1/16" H	\$201.50
2642-0957	$4 L \times 2 H$, $14 \frac{3}{4}$ " × $5 \frac{1}{2}$ " × $9 \frac{1}{4}$ " H	\$160.60
2652-0957	5 L × 2 H, 18 ¾" × 5 ½" × 9 ¾6" H	\$155.00
2662-0957	6 L × 2 H, 22" × 5 ½" × 9 ¾6" H	\$200.15



2696-4600 6 L × 4 H, 21 $\frac{1}{2}$ " × 5 $\frac{1}{16}$ " × 9 $\frac{1}{16}$ " H \$349.80





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

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- Traceable, dated service label
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- Free return shipping (continental US only)

	Level 1.0	Level 2.0	Level 3.0
Preventative maintenance	Yes	Yes	Yes
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Nominal/minimum volume readings	4/4	4/4	4/4
50% nominal volume readings			4
As found readings			8
Total readings	8	8	20

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