

advantage

New Promotions July 1 – December 31, 2019



Strengthen Your Core

Offers from Eppendorf to build your lab on a strong foundation

www.krackeler.com
800-334-7725
sales@krackeler.com

New Products

CellXpert® with O₂ or Copper Option



The CellXpert C170i variant with O₂ regulation provides O₂ control in the range of 1–20 %. Supported by advanced microprocessor control, the CellXpert ensures conditions with high accuracy (± 0.25 %) and stability over time (± 0.1 %). This provides reliable hypoxic conditions for e.g. stem cells, cancer, or tumor cells.

www.eppendorf.com/CellXpertO2

CCCadvanced® Surface



Effectively culture stem cells and primary cells under animal- and human-component-free conditions with the Eppendorf CCCadvanced FN1 motifs portfolio of consumables. These ready-to-use products are stored at room temperature, saving time and improving efficiency. The synthetic coating made up of fibronectin-derived motifs mimics the cell attachment site, supporting pluripotent and multipotent cell attachment, expansion, and differentiation.

www.eppendorf.com/cc

CycleManager



CycleManager X50 allows control of up to 50 networked Mastercycler X50 eco units. Control can be individual, simultaneous, or grouped—Perfect for high-throughput standardized protocols where reproducibility is paramount. Password protected user access is optional and users can be assigned different access rights, allowing greater documentation capabilities than ever before. It can also e-mail you when your PCR is complete!

www.eppendorf.com/cyclemanager

CryoCube® F101h



The CryoCube F101h ULT freezer offers a personal storage solution in a comfortable package. It easily fits under your bench so your samples are always securely close-at-hand. With green cooling liquids (R170/ R290) that have very low global warming potential (GWP), the F101h is more energy efficient. Designed for your convenience, the CryoCube F101h is the latest addition to the -80 °C Eppendorf Freezer Family.

Expected availability Q4–2019

New Products

16- and 24-channel Pipettes



Eppendorf's new 16- and 24-channel pipettes and epT.I.P.S. 384 makes working with 384 well plates convenient, ergonomic, and safe. Eliminate the need for inconvenient well-indexing or tedious filling with a single-channel pipette. They are part of our mechanical Research plus and electronic Xplorer pipettes with volume ranges including 1–20 μL and 5–100 μL .

www.eppendorf.com/pipettes

epMotion® 5070 and 5073



New software features and unique accessories increase capabilities of epMotion 5070 and 5073 providing you cost efficient and space-saving solutions for PCR/qPCR setup and NGS library preparation. New adapters enable epMotion 5070 to provide fully automated PCR setup and Normalization of up to 96 samples. New epMotion 5073 NGS-solution is ideal for fully automated, hands-free NGS-Library prep of up to 24 samples.

www.eppendorf.com/NGS-Compact

Conical Tube 25 mL



Very often sample volumes higher than 15 mL but much lower than 50 mL need to be prepared, centrifuged, mixed, or stored. In light of this, Eppendorf has developed the new Eppendorf Conical Tubes 25 mL. This new tube format fills the gap between the traditional 15 mL and 50 mL volumes. It is the same diameter as a 50 mL conical tube but shorter, ensuring easy integration into your laboratory. The new 25 mL tube is available with a screw cap or with a snap cap option.

www.eppendorf.com/25mL

Amber Conical Tubes 15/50 mL



Handling and storage of light-sensitive reagents or samples is commonly performed in amber-colored plastic tubes, which reduce or completely block light transmission in the short wavelength UV/VIS spectrum range. Eppendorf's new 15 mL and 50 mL conical tubes are made from a unique amber material that protects your precious light sensitive samples from wavelengths up to 550 nm while still allowing for sample visualization.

www.eppendorf.com/amber

Eppendorf New Lab Start Up

Congratulations on your new lab!

We know the hard work and dedication that goes into starting a new lab and we are eager to partner with you on this momentous occasion. Our mission has been to provide quality products and services that improve the day to day activities of our customers. With over 70 years of experience, partnering with Eppendorf means you can expect the very best in product quality, service, application, customer and technical support. It is our commitment to excellence that the products in your lab are easy to use, long lasting, and efficient all while providing you with reproducible results.

Our New Lab Start Up Program (NLSU) is designed to provide you with a 10 % credit of your total NLSU purchase. Your NLSU credit allows you to complement the products in your lab without having to compromise on product quality. Whether you're starting a new lab or expanding an existing one, the following checklist highlights many of the market-leading Eppendorf products available to assist you in your day to day activities.

To obtain your NLSU 10 % credit, simply contact your local Eppendorf sales representative and obtain a NLSU quote to complete your brand new lab with quality Eppendorf products.* Redeem your credit by following these easy steps!

- > Purchase at least \$17,500 worth of qualifying items* through Eppendorf or any participating dealer.
- > When the order ships, visit www.eppendorf-us.com/newlabstartup to submit your invoices. All invoices must be submitted at once. Additional purchases cannot be added to the total at a later time.
- > Receive your NLSU credit as a redemption code via email within 1-2 weeks.
- > Go to www.eppendorf.com, add items to your cart, and redeem the code at checkout. Credit can be applied to any product sold on our eShop as well as towards shipping and taxes if applicable.

Offer valid from July 1, 2019 through December 31, 2019.

* Expectation of a new lab start up is that multiple items will be needed to equip your lab and not just a single instrument. We reserve the right to limit or refuse credit based upon this expectation. epMotion Liquid Handling Workstations; New Brunswick bioprocessing product lines; DASGIP® bioprocessing product lines, and Eppendorf Cell Technology micromanipulation and microinjection products do not qualify for credit and are excluded from this promotion. Maximum redemption value of \$10,000.



Liquid Handling Starter Packs. Save up to 35 %.

Promotional offers

- > Save up to 35 %¹ on this specially designed pipetting package including 4 single-channel pipettes (Research plus or Reference[®] 2), a Repeater[®] M4, and Easypet[®] 3
- > Repeater M4 (a \$605 value), Easypet 3 (a \$492 value), Pipette Carousel 2 (a \$158 value), and Repeater M4 holder (a \$54 value) are included in the delivery package together with the 4-pack of single-channel pipettes



The Liquid Handling Starter packages were designed to give you the ability to accurately pipette any volume from 0.5 µL to 50 mL between any type of vessel (tubes, plates, bottles, etc.)

The package includes 4 air cushion pipettes for accurately pipetting volume ranges from 0.5 µL to 1 mL. Also included is the Easypet 3 to simplify applications requiring large pipetting volumes from 1 to 50 mL. The included Repeater M4 speeds up dispensing series with up to 100 dispenses from a single aspiration.

Complete your package and add epT.I.P.S.[®] to your order. Eppendorf tips are designed to fit perfectly on our Eppendorf pipettes, ensuring a tight seal, improved accuracy and reproducibility, and better data.



Included in bundle
Easypet 3



Included in bundle
Repeater M4



Included in bundle
Pipette Carousel 2

Ordering information

Description	Research plus		Reference 2		Complete Your Package	
	Catalog No.	Promo Price USD	Catalog No.	Promo Price USD	Dualfilter Catalog No. ²	Tip Savings!
Liquid Handling Starter packages include 4 single-channel adjustable volume pipettes, 1 full box of Eppendorf epT.I.P.S. for each pipette, Repeater M4, Easypet 3, Pipette Carousel 2, and a Pipette Holder 2 for the Repeater M4						
0.1–2.5, 0.5–10, 10–100, and 100–1,000 µL	2231000601	\$1,910	2231000604	\$1,995	2231000624	30 %
0.1–2.5, 2–20 ³ , 20–200, and 100–1,000 µL	2231000602	1,910	2231000605	1,995	2231000625	30 %
0.5–10, 2–20 ³ , 20–200, and 100–1,000 µL	2231000603	1,910	2231000606	1,995	2231000626	30 %

¹ Savings compared to purchase of individual items at list price. ² Dualfilter tips bundles include 960 ep Dualfilter T.I.P.S. (1 case of 10 racks x 96 tips) in PCR clean and sterile quality for each pipette volume. Bundle also includes 100 Combitip advanced of 500 µL, 5 mL, and 10 mL volume each in PCR clean purity, as well as, 400 serological 5 mL and 10 mL pipets. ³ The 2–20 µL pipette included has the yellow operating button.

Eppendorf Varispenser® 2x Bottletop Dispenser

The Eppendorf Varispenser 2x is the ideal choice for dispensing aliquots of liquid from supply and reagent bottles. Advanced sealing lip technology enables dispensing of nearly all kinds of acids, solutions or bases. Available in 6 sizes for dispensing volumes from 0.2 – 100 mL, these instruments are designed to consistently dispense selected volumes without reagent waste. All Varispenser 2x bottletop dispensers are fully autoclavable for maximum safety in your lab and include a recirculation valve which prevents reagent loss while ventilating.

Product features

- > Ergonomically designed slide allows for smooth and accurate volume adjustment and prevents accidental changes
- > PFA sealing lip technology prevents crystal building from media residue by wiping off the inner cylinder wall during dispensing
- > Oval-shaped dispenser housing ensures safe grip during transportation and adjustment
- > The drying tube, filled with absorbing agent, protects reagent against humidity or CO₂
- > Extra air vent cap with Luer-cone for assembly of microfilter available to prevent supply bottle contamination
- > Optional drying tube to protect sensitive reagents against humidity or CO₂



Ergonomically designed slide for smooth volume adjustment and fixation



Variety of adapter options are available to fit all common laboratory bottles



The flexible discharge tube gives you safe and direct access to your small and narrow test tubes and allows for fast and precise serial dispensing.

Ordering information

Description	Catalog No.	List USD
Varispenser 2x, with recirculation valve, telescopic in-take tube and bottle thread adapters		
Varispenser 2x , 0.2–2 mL dispensing range, includes adapters GL25, GL28, GL32, GL38, GL45, S40	4967000014	\$ 520
Varispenser 2x , 0.5–5 mL dispensing range, includes adapters GL25, GL28, GL32, GL38, GL45, S40	4967000022	520
Varispenser 2x , 1–10 mL dispensing range, includes adapters GL25, GL28, GL32, GL38, GL45, S40	4967000030	520
Varispenser 2x , 2.5–25 mL dispensing range, includes adapters GL32, GL38, GL45, S40	4967000049	680
Varispenser 2x , 5–50 mL dispensing range, includes adapters GL32, GL38, GL45, S40	4967000057	710
Varispenser 2x , 10–100 mL dispensing range, includes adapters GL32, GL38, GL45, S40	4967000065	1,030

The One Pipette Missing from Your Bench

New levels of lab efficiency

With the ability to dispense up to 100 times from a single aspiration, the Eppendorf Repeater® and Combitips system makes long series pipetting tasks quick and easy. No task is too small or too big for the Repeater and Combitip system with dispensing volumes ranging from 1 μL up to 50 mL. The system also utilizes the positive displacement principle which improves accuracy with challenging liquids like viscous, foamy, or high vapor pressure liquids.

Electronic Repeaters

For further efficiency, Eppendorf offers an electronic Repeater, the E3 and E3x. Commonly used dispense settings can be quickly accessed in the 255 programmable favorites slots. And, the motorized piston of Eppendorf's electronic Repeaters normalizes the dispensing control between techs and time of day.



Efficient plate work—fill an entire 96-well plate with master mix or reagents from a single aspiration, dispense volumes as little as 1 μL



Aliquot with ease—accurately aliquot bulk reagents in up to 100 tubes at a time with a single aspiration, regardless of challenging liquid properties



Reliable cell culture—quickly dispense cell culture media to multiple dishes or wells in a reproducible and reliable manner



Sample prep with speed—quickly dispense reagents, like Mini Prep reagents, or samples to a series of tubes in volumes up to 25 mL

Eppendorf Xplorer® Electronic Pipettes. Save up to 45 %.

Promotional offers

- > Save up to 30 % on Xplorer electronic pipettes
- > Buy one of these promotionally priced units and redeem a free Charger Stand 2, up to 45 %¹ in total savings

Redeem your FREE Charger Stand 2 (a \$269 value) at:

www.eppendorf-us.com/redemptions

The highly precise motor control of the Xplorer pipettes provide the utmost in accuracy and reproducibility, helping improve the consistency of results for experiments like PCR, qPCR, and NextGen sequencing. The at-a-glance parameter screen, selection dial, and “up is up, down is down” control button make programming and operating electronic pipettes simple, intuitive, and less prone to errors.



Redeem a FREE
Charger Stand 2

Alternatively Redeem a FREE
Charger Carousel 2²

² Charger Carousel 2 redemption possible for a purchase of 3 or more Xplorer pipettes.

Ordering information

Description	Catalog No.	Promo Price USD	You Save!
Xplorer single-channel pipettes. Redeem a FREE Charger Stand 2.			
0.5–10 µL, medium gray	2231000607	\$ 599	45 %
5–100 µL, yellow	2231000608	599	45 %
15–300 µL, orange	2231000609	599	45 %
50–1,000 µL, blue	2231000610	599	45 %
0.2–5 mL, violet	2231000611	599	45 %
0.5–10 mL, turquoise	2231000612	599	45 %
Xplorer 8- or 12-channel pipettes. Redeem a FREE Charger Stand 2.			
0.5–10 µL, medium gray, 8-channel	2231000613	975	41 %
0.5–10 µL, medium gray, 12-channel	2231000614	1,199	40 %
5–100 µL, yellow, 8-channel	2231000615	975	41 %
5–100 µL, yellow, 12-channel	2231000616	1,199	40 %
15–300 µL, orange, 8-channel	2231000617	975	41 %
15–300 µL, orange, 12-channel	2231000618	1,199	40 %
50–1,200 µL, green, 8-channel	2231000619	975	41 %
50–1,200 µL, green, 12-channel	2231000620	1,199	40 %

¹ Savings compared to purchase of individual items at list price.

The Importance of Good Quality Pipette Tips

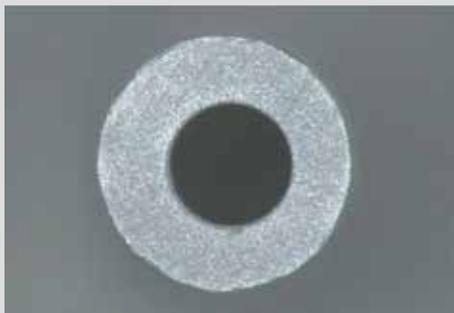
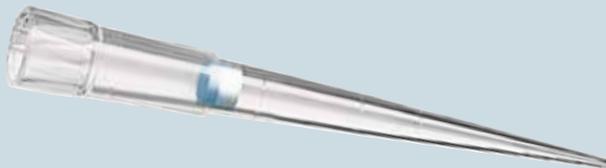
Within the scientific community, a rising number of studies are found to not be reproducible. Incorrect pipette handling (e.g. holding the pipette at an angle during liquid aspiration) may be one reason for this. A second source of error often not taken seriously is plastics. Consumables may lead to problems with analysis results, e.g. due to leachables, as well as incorrect pipetting volumes. This may result in non-reproducible data if experiments are repeated by other groups using other consumables. Some problems with pipette tips are obvious like:

- > Tips have to be pushed powerfully onto the pipette cone in order to achieve efficient tip fit
- > Banana-shaped tips make it difficult to fill a plate with multichannel pipettes
- > Pipetting of volumes below 1 μL on a solid surface is impossible because the liquid drop sticks to the outside of the tip

In the same way that only the tip of an iceberg can be seen above water level, a number of other problems with pipette tips can go unrecognized. These unnoticed problems can cause poor accuracy and reproducibility in your pipetting activity. These include:

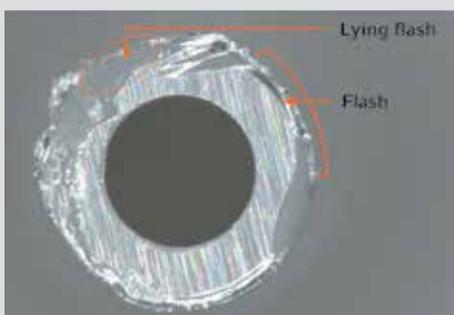
- > Poor tip-to-tip uniformity
- > External methods such as sterilization or pipetting with/without a tip change

The image below illustrates the difference in quality of the tip orifice. This is particularly important when pipetting small volumes because it influences the drop cut off. The orifice of tips from competitor E (which also failed calibration at 1 μL) is an example of very poor quality. Such production flaws lead to deflection of water drops, displacement of liquid, and retention of water. For more information, please see Application Note 354.



epT.I.P.S. 10 μL

The orifice has a good geometry and the function is not negatively influenced by production errors.

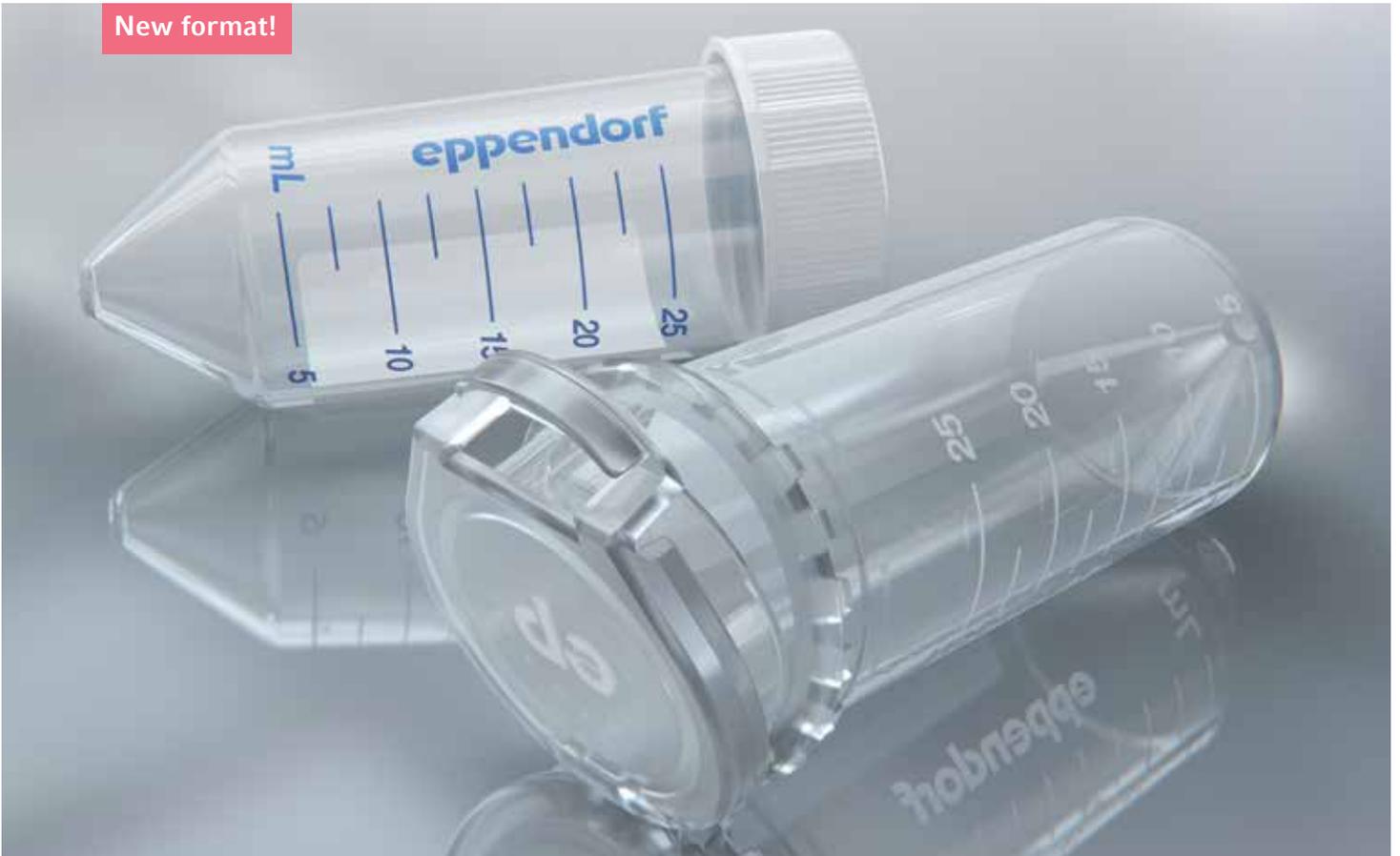


Competitor E 10 μL

Problem 1: Lying flashes caused by non-harmonized ejection molding process; Cavity has not been fully filled with liquid PP.

Result: Risk of deflection of water drop because of varying diameter of frontal area.

New format!



The Next Level

Eppendorf Conical Tubes 25 mL with screw and SnapTec™ cap

Eppendorf is proud to introduce its newest member of the Eppendorf Tube Family: the Eppendorf Conical Tube 25 mL fills the gap between traditional 15 mL and 50 mL conical tubes to provide an ergonomic and space-saving alternative for cell culture, molecular workflows and general lab routines such as buffer/reagent prep and sample storage.

Basic features

- > Available with snap cap or screw cap lid
- > Centrifugation stability up to 17,000 x g
- > Snap cap tube is autoclavable
- > Tight lid seal from -86 °C up to 100 °C
- > Same diameter as 50 mL conical tubes for easy integration into existing lab environment



The innovative, leak-proof SnapTec™ lid allows for single-handed tube opening for fast sample access, for example during cell culture. The attached lid avoids cap mix-up and contamination.



Its low height with large diameter allows for easy sample access—also with low volume pipettes and tips—without risk of cross-contamination.



Space-saving format requires up to 26 % less raw material compared to a traditional 50 mL tube and increases storage capacity in fridges or $-20/-86$ °C freezers by up to 30 %.

The Complete Solution

Centrifugation

Centrifuges with rotors for 50 mL conical tubes:

Two adapter variants for 25 mL tubes snap cap (Catalog No. 5820733004) and screw cap (Catalog No. 5820734000) allow centrifugation in buckets



Sample Storage

Single Tube Stand:

Ideally suited for weighing samples on the balance and for handling individual samples. The viewing slit enables observation for the filling level at any time. (Catalog No. 0030119860)

Heating and Mixing

Eppendorf ThermoMixer® C and Eppendorf ThermoStat™ C:

Adapter for 25 mL tubes ensures compatibility with Eppendorf SmartBlock™ 50 mL (Catalog No. 5365000109)



Tube Rack 25 mL:

Eppendorf Racks for 50 mL conical tubes can be used with the new 25 mL tubes (Catalog No. 0030119835)

MixMate®:

Tube Holder 25/50 mL, for 4 x 25/50 mL conical tubes (Catalog No. 5353040156)

Storage box made of polypropylene:

Lower height allows space-saving storage of up to 9 x 25 mL tubes in 3.5 inch Eppendorf Storage Boxes (Catalog No. 0030140729)

Ordering information

Description	Catalog No.
Eppendorf Conical Tubes 25 mL with snap cap (clear)	
Eppendorf Quality, 200 tubes, (5 bags x 40 Tubes)	0030118405
PCR clean, 200 tubes, (5 bags x 40 Tubes)	0030118413
Sterile, pyrogen-, DNase-, RNase-, human and bacterial DNA-free, 150 tubes, (6 bags x 25 Tubes)	0030118421
Eppendorf Conical Tubes 25 mL with screw cap	
Eppendorf Quality, 200 tubes, (4 bags x 50 Tubes)	0030122410
PCR clean, 200 tubes, (4 bags x 50 Tubes)	0030122429
Sterile, pyrogen-, DNase-, RNase-, human and bacterial DNA-free, 200 tubes, (8 bags x 25 Tubes)	0030122437

Eppendorf ThermoMixer® C Offer. Save 22 %.

Promotional offer

> Purchase an Eppendorf ThermoMixer C with 1.5 mL SmartBlock™ and redeem a FREE second SmartBlock (a \$1,254 value)

Redeem your FREE second SmartBlock at:
www.eppendorf-us.com/redemptions



The Eppendorf ThermoMixer C offers high-quality, mixing and temperature control instruments. Unique 2D Mix-Control technology means fast and efficient mixing in tubes and plates, Eppendorf ThermoTop prevents condensation for improved assay performance, and QuickRelease technology enables quick exchange of Eppendorf SmartBlocks.

The new Eppendorf SmartExtender is a flexible new incubation tool which can easily be used as an add-on to your existing SmartBlocks™ and the Eppendorf ThermoMixer® C/Fx, as well as ThermoStat C. Temperature control is independent from the SmartBlock for additional applications. All SmartBlock sizes are usable in parallel to the SmartExtender with full functionality (heating, cooling, mixing) for high flexibility.



Redeem a FREE second SmartBlock



NEW! SmartExtender

Ordering information

Description	Catalog No.	Promo Price USD	You Save!
ThermoMixer C with 1.5 mL SmartBlock	2231000574	\$4,495	22 %

Eppendorf Vacufuge[®] plus concentrator

Eppendorf Vacufuge plus is an ergonomic, intuitive and chemically resistant centrifugal vacuum concentrator that fits right on your lab bench. Its advanced heating technology provides the best treatment for your sample which assures quick, efficient, and gentle vacuum concentration of DNA/RNA, nucleotides, proteins and other liquid or wet samples.

Product features

- > Comes in 3 system configurations
- > Extremely quiet operation <50 dB(A)
- > Small footprint saves valuable bench space
- > Wide variety of 15 different rotor options to accommodate tubes from 0.2 mL to 50 mL, microplates and PCR plates
- > Chemically resistant due to PTFE diaphragm pump, stainless steel chamber and coated lid
- > Can be connected to most commercially available cold traps for use with aggressive vapors



Outstanding rotor versatility with 15 rotor options, accommodating 0.2 to 50 mL tubes, microplates and PCR plates.



Complete System with vacuum port adds extra capability/flexibility. Simply connect any external device that requires a vacuum (e.g. gel dryer).



Three operational modes provide the ideal evaporation environment for aqueous, high vapor pressure, and alcohol solutions in one compact footprint.

Ordering information

Description

Description	Catalog No.	List USD
Vacufuge plus, with 48 x 1.5/2mL rotor, basic device to be connected to an existing pump or house vacuum line	022820001	\$ 5,498
Vacufuge plus, with 48 x 1.5/2mL rotor, with integrated pump (solvent-resistant, maintenance and oil-free PTFE pump) and condensation trap	022820109	10,583
Vacufuge plus, without rotor, with integrated pump, condensation trap and vacuum port connector to use pump to operate external devices (e.g., gel dryer)	022822993	11,873

Centrifuge 5425 Offer. Save 26 %.

Promotional offers

- > Special bundle savings on the purchase of a Centrifuge 5425 with 24 x 1.5/2.0 mL QuickLock rotor (a \$350 value)
- > Purchase a 5425 and redeem a FREE Repeater M4 (a \$605 value)

Redeem your FREE Repeater M4 at:
www.eppendorf-us.com/redemptions

This 24-place centrifuge has been engineered to be extremely quiet. Short runs up to 12 minutes are whisper quiet at an average of 45 dB(A). This is sufficient for centrifugation steps of most routinely used DNA/RNA purification kits. During longer runs the cooling fan works at full capacity to dissipate the heat for the remainder of the run. Centrifuge 5425 is the successor of the legendary Centrifuge 5424. It has everything you loved before plus great new features to make everyday work more enjoyable.

Eppendorf's Repeater® M4 pipette is the ideal companion to the Centrifuge 5425 for high throughput work. With the ability to dispense up to 100 times from a single aspiration, the M4 pipette is perfect for any multi-dispensing application. And the M4's positive displacement system with Eppendorf's Combipips advanced® improve accuracy with difficult liquids like viscous or foamy liquids.



Redeem a FREE Repeater M4

Ordering information

Description	Knob Catalog No.	Keypad Catalog No.	Promo Price USD	You Save!
Centrifuge 5425 with rotor bundle —Redeem a FREE Repeater M4				
Centrifuge 5425, with 24 x 1.5/2.0 mL QuickLock rotor, 120 V	2231000621	2231000622	\$2,750	26 %

Eppendorf Multipurpose Centrifuge Offer. Save 18 %.

Bundle savings

- > Special bundle savings on the purchase of a 5910 R cell culture package (a \$1,000 value)
- > Purchase a 5910 R cell culture package and get 40 % off a second rotor (up to a \$1,088 value)

With its great versatility, the refrigerated Centrifuge 5910 R is setting the next benchmark for benchtop centrifuges. Featuring a powerful state-of-the-art refrigeration system to keep your samples safe, a modern operating system for ease of use, very low noise levels for a quiet work environment, the Centrifuge 5910 R has the versatility to fit the needs of most research labs. Further, with a comprehensive portfolio of fixed-angle and swing-bucket rotors, this centrifuge was designed to accommodate a particularly broad spectrum of applications. Cell harvests in bottles of capacities up to 1000 mL, large-scale DNA and RNA isolations as well as Ficoll® gradients for the purification of lymphocytes and monocytes are merely a few examples of the many areas of application. The new universal swing-bucket rotor with unique universal adapters facilitates even quicker loading. This system allows centrifugation of conical vessels up to 36 x 50 mL, plates, and 250 mL bottles for the first time without the need to change rotors, rotor buckets, or adapters. Lastly, with the new fixed-angle Rotor FA-6x250¹, you can now perform your lysate clarifications and other applications with the ability to spin up to 6 x 250 mL bottles at over 15,000 x *g*.



40 % off
second rotor



NEW! 1 L Bottle



NEW! 6 x 250 mL rotor

Ordering information

Description	Catalog No.	Promo Price USD	You Save!
5910 R Cell Culture bundle —Get 40 % off a second rotor			
Centrifuge 5910 R Cell culture bundle ² (S-4xUniversal), 120 V	2231000623	\$14,730	18 %

¹ Please note that Rotor FA-6x250 can be used for 120 V models starting with serial numbers: 5920 R (≥ 02458), 5910 R (≥ 01488). If you own a unit with an older serial number, please contact Eppendorf Customer Support at 800-645-3050 to learn about your options. 3 250 mL flat bottom bottles from Nalgene® (3127-0250, 3122-0250, 3120-0250) and Corning® (431841, 431842). When used with wide lid 250 mL flat bottom bottle from Nalgene (3140-0250) max. capacity is reduced to 4 x 250 mL.

² Cell Culture package includes a centrifuge and swing-bucket rotor plus the following adapter (sets of 2) for 15 mL and 50 mL conical tubes: 5910 R with S-4xUniversal rotor = 2 x 5910752008, 2 x 5910769008.

BioSpectrometer® Offer. Save up to 37 %.

Promotional offer

> Save 18 % on the BioSpectrometer basic or BioSpectrometer fluorescence and redeem a FREE μ Cuvette® G1.0 for a total savings of up to 37 %

Redeem your FREE μ Cuvette G1.0 at:
www.eppendorf-us.com/redemptions



The Eppendorf BioSpectrometer basic and BioSpectrometer fluorescence facilitate a wide range of molecular biology and cell biology applications by allowing users to conduct cuvette-based spectrophotometry measurements in the UV/Vis range with the option of fluorescence readings.

Redeemable in the offer is the μ Cuvette G1.0. With a pathlength of 1 mm, the μ Cuvette G1.0 features a light path that is ten times shorter than that of standard cuvettes. This allows for the accurate and reliable measurement of highly concentrated nucleic acid and protein samples down to 1.5 μ L of volume.



Redeem a FREE μ Cuvette G1.0

Ordering information

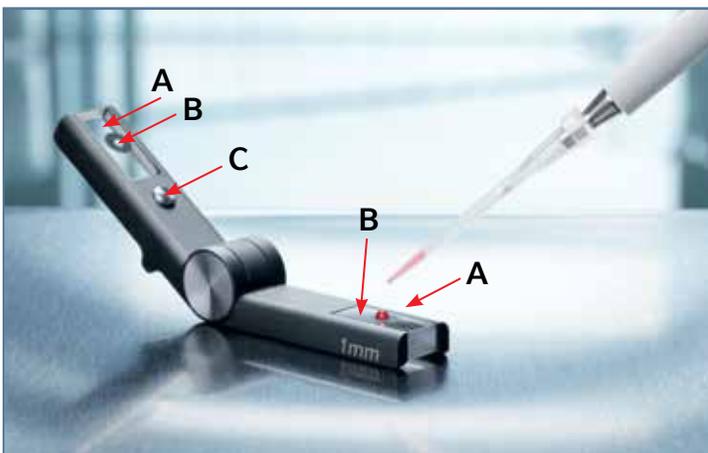
Description	Catalog No.	Promo Price USD	You Save!
BioSpectrometer offers. Redeem a FREE μCuvette G1.0.			
BioSpectrometer basic, 100–120 V/50–60 Hz	2231000599	\$ 7,310	37 %
BioSpectrometer fluorescence, 100–120 V/50–60 Hz	2231000600	10,695	32 %

Eppendorf μ Cuvette G1.0

Application Note AA261

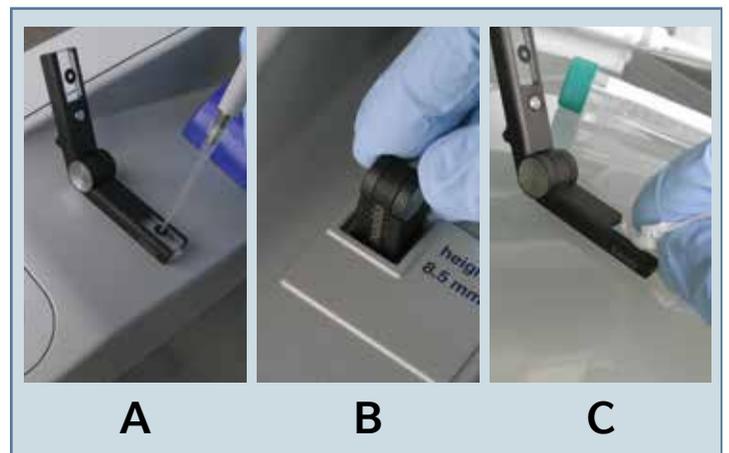
A micro-volume system for highly precise photometric determination of nucleic acids or proteins in the Eppendorf BioSpectrometer.

The Eppendorf μ Cuvette G1.0 microvolume measuring cell is a high-quality cuvette made of aluminum and quartz glass. It is the perfect tool for measuring high concentrations in small volumes. With a fixed optical path length of only 1 mm, the μ Cuvette G1.0 features a light path that is ten times shorter than in standard cuvettes. Due to the hydrophobic coating on the quartz glass only 1.5 μ L nucleic acid or 3 μ L protein sample are required for precise formation of the liquid column. Furthermore, 5 μ L of sample solution can be used for specific fluorometric assays saving reagent.



The μ Cuvette

- A:** Sample application area and optical measurement window
- B:** Quartz plates
- C:** Spacer



Measurement process with the μ Cuvette

- A:** Sample application
- B:** Insertion into the cuvette shaft
- C:** Removal of the blank or sample solution

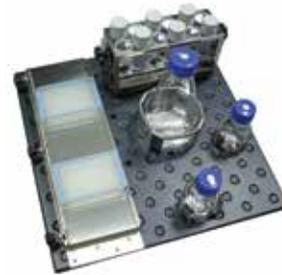
Excella® E24 Offer. Save up to 17 %.

Promotional offers

- > Get a FREE universal platform with the purchase of an Excella E24 incubated or E24R incubated and refrigerated shaker (included in the delivery package)
- > Purchase any shaker bundle listed below and redeem a FREE flask clamp starter kit (a \$543 value)

Redeem your FREE flask clamp starter kit at:
www.eppendorf-us.com/redemptions

Eppendorf's New Brunswick™ Excella® biological shakers provide advanced features and excellent performance at an affordable price. Excella models feature heavy-duty drives, providing long life and quiet operation under moderate loads and at speeds up to 400 rpm. A wide variety of interchangeable platforms, clamps, and test tubes provide expansive levels of flexibility.



Included in package
 universal platform¹

¹ Shown with optional accessories.

Ordering information

Description	Catalog No.	Promo Price USD	You Save!
E24 Incubated Shaker, 3/4" orbit, 120 V (includes 18" x 18" universal platform)	M1352-0010	\$7,058	17 %
E24R Refrigerated/Incubated Shaker, 3/4" orbit, 120 V (includes 18" x 18" universal platform)	M1352-0014	9,608	15 %

Bioprocess Trade-in Offer. Save up to 15 %.

Promotional offer

- > Trade-in/recycle your old controllers and receive a discount on a new order of any Eppendorf BioFlo® controller of equal or greater value
 - 1 or 2 benchtop controller(s)—8 % off
 - 3 or 4 benchtop controllers—10 % off
 - 5 or more benchtop controllers—15 % off
- > Eppendorf will come to your facility and remove your old controllers

The Eppendorf bioprocess portfolio offers comprehensive and scalable hardware and software solutions for R&D, process development, pilot and production. Users from industry and research benefit from extensive bioprocess solutions from a single source that meets the highest quality demands.

> **BioFlo 120**—the BioFlo 120 is a bench-scale bioreactor/fermentor system perfectly suited for all levels of research and development. The system was designed to be flexible to meet the wide-ranging needs of scientists today. 24 interchangeable heat-blanketed and water-jacketed autoclavable vessels are available, along with BioBLU Single-Use Vessels ranging from 250 mL to 40 L working volume.

> **BioFlo 320**—the BioFlo 320 seamlessly blends beauty and utility in one all-inclusive package. An industrial design, flexibility between interchangeable autoclavable and single-use vessels, intelligent sensors, Ethernet connectivity, and a software package are only a few of the features that set it apart from the competition. Extensive options give you the customizable solution your lab requires. Combined with the strict quality standards that all Eppendorf products are held to, the BioFlo 320 truly is the premium choice in benchtop bioprocess systems.



Ordering information

Description	Catalog No.	Promo	
		Price USD	You Save!
Recycle—bioprocess controllers	2231020001	Inquire	Up to 15 %

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