eppendorf

WhatSNext 60 Years of the Microliter System Small Volumes, Big Dreams



A Double Celebration

60 years of Microliter System & Centrifugation

Inside

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New and coming soon

Discover three recent product innovations from Eppendorf.

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A double anniversary: 60 years of Eppendorf Microcentrifuge & Microliter System Revolution!

Scientific research is constantly unlocking new mysteries. But these discoveries often hinge on working with incredibly small volumes microliters. Eppendorf is the first company that introduced the microliter system in 1964 with the introduction of the microcentrifuge 3200. Together with the pipettes, microtubes and thermomixer, this toolset is a complete ecosystem designed to work seamlessly together with precision and efficiency in microliter volumes. The year 2024 is indeed a special year for Eppendorf with a double celebration of 60 Years of Centrifugation and 60 years of the Microliter System. An incredible milestones for Eppendorf.

Let us walk you through a series of innovations in our microliter system.



1963 The 1st Microtube

The invention allowed small volume handling of samples, becoming a worldwide standard in any labs.

2019 Conical Tube 25 mL



1988 Safe-Lock Tubes

A standard for sample safety to prevent lid pop-up, sample leakage and sample evaporation with a secure lid lock.

2023 BioBased Tubes

The first plastic tube that is made from 2nd generation renewable resources to help you with your sustainability targets.

2004 DNA/Protein LoBind

Two different low binding tubes that are made specifically for minimizing nucleic acid and protein loss.



1961 Marburg Pipette

A new volume standard was introduced to fill the gap of 15 mL and 50 mL tubes.



2020 Move It[©]



1978 Multipette 4780

A first for series pipetting/ dispensing without taking up liquid again with the associated consumable, called Combitip that works accurately even for challenging liquids

1994 Reference[©] 4910



The first fully autoclavable pipette that is also the first and only onebutton pipette that offers safety against cross-contamination.

2025 Something amazing

Another innovation coming in 2025.



Research[®] plus 4-Pack (Act Now! Bundle)

Act now to achieve your sustainability targets with this pack to get more savings than buying each one individually. Our epT.I.P.S.





Benefits of using the epT.I.P.S. BioBased Reloads

- > Sourced from 2nd generation renewable feedstock.
- > Same chemical performance as fossil-based resources.
- > A completely sterile reloading of your tips with the TwinLid[®] function.
- > Produced without the addition of unnecessary plastic additives.
- > ISCC PLUS certification traceability along the entire supply chain.
- > ACT certification sustainability assessment of products used in laboratories.

Description

The Eppendorf Research® plus, 4-Pack (Act Now!) Bundle includes: > 1 x Research plus 0.1-2.5 μ L, 2-20 μ L yellow, 20-200 μ L and 100-1,000 μ L

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- > ep Dualfilter T.I.P.S.[®] BioBased sterile Reloads with 960 pipette tips of 0.1 10 μ L M, 2 20 μ L, 2 200 μ L and 50 1,000 μ L
- > 4 x epT.I.P.S.[®] Box 2.0 (empty)
- > 1 x Eppendorf pipette pen

Research plus Essentials Packs

A starter pack with 6 –pipettes and a whole lot of filter tips /standard tips to give you the mileage you need in your pipetting routines.



Benefits of using the ep Dualfilter T.I.P.S.®

- > Dual filter, dual protection
- > Comply to ISO 8655 with Research plus pipettes
- > Certified to EN 29463, an EPA/HEPA Standard
- > PCR Clean and sterile, ready to use
- > Filter tip racks use 20 35% less plastic material



- > Packaged in resealable bags
- > Comply to ISO 8655 with Research plus pipettes
- > Eppendorf quality, autoclavable
- > Manufactured with high grade virgin polypropylene



Scan or click here to submit



Description

The Research[®] plus 6-Pack Dualfilter Bundle includes:

- > 1 x Research plus 0.1 2.5 $\mu L,$ 0.5 10 $\mu L,$ 2 20 μL (yellow), 10 100 $\mu L,$ 20 200 $\mu L,$ 100 1,000 μL
- > 1 x Pipette Carousel 2.0
- > 3 x ep Dualfilter T.I.P.S. 0.1 10 μL S, 0.1 10 μL M, 2 20 $\mu L,$
- $2-100~\mu L,\,2-200~\mu L$ and $50-1,000~\mu L$
- > 1 x Eppendorf pipette pen

Order no 2232000168

The Research[®] plus 6-Pack Standard Bundle includes:

> 1 x Research plus 0.1 - 2.5 $\mu L,$ 0.5 - 10 $\mu L,$ 2 - 20 μL (yellow), 10 - 100 $\mu L,$ 20 - 200 $\mu L,$ 100 - 1,000 μL

your inquiry

- > 1 x Pipette Carousel 2.0
- > 3 x epT.I.P.S. Standard 0.1 10 μL S, 0.1 10 μL M, 2 200 μL
- and 50 1,000 µL blue tips
- > 6 x epT.I.P.S. Standard 2 200 μL , yellow tips
- > 1 x Eppendorf pipette penOrder no 2232000169

Research plus Productivity Packs

Working with 96-well plates? The right pipette and tips are crucial for precise, accurate, and comfortable pipetting. This ensures reproducibility in your experiments, making your data from plate assays reliable. We have 4 different volume ranges of 8/12-channel pipettes combined with two options of epT.I.P.S. to choose from.



Description	Order no.		Order no.
The Research plus 8-channel 10 μ L Dualfilter Pack includes: 1 x Research plus 8-channel 0.5 – 10 μ L + 3 x ep Dualfilter T.I.P.S. 0.1 – 10 μ L M	2232000170	The Research plus 12-channel 10 μ L Dualfilter Pack includes: 1 x Research plus 8-channel 0.5 – 10 μ L + 3 x ep Dualfilter T.I.P.S. 0.1 – 10 μ L M	2232000176
The Research plus 8-channel 100 μL Dualfilter Pack includes: 1 x Research plus 8-channel 10 – 100 μL + 3 x ep Dualfilter T.I.P.S. 2 – 100 μL	2232000171	The Research plus 12-channel 100 μL Dualfilter Pack includes: 1 x Research plus 8-channel 10 – 100 μL + 3 x ep Dualfilter T.I.P.S. 2 – 100 μL	2232000177
The Research plus 8-channel 300 μL Dualfilter Pack includes: 1 x Research plus 8-channel 30 – 300 μL + 3 x ep Dualfilter T.I.P.S. 20 – 300 μL	2232000172	The Research plus 12-channel 300 μL Dualfilter Pack includes: 1 x Research plus 8-channel 30 – 300 μL + 3 x ep Dualfilter T.I.P.S. 20 – 300 μL	2232000178
The Research plus 8-channel 1,200 μL Dualfilter Pack includes: 1 x Research plus 8-channel 120 – 1,200 μL + 3 x ep Dualfilter T.I.P.S. 50 – 1,250 μL L	2232000123	The Research plus 12-channel μL Dualfilter Pack includes: 1 x Research plus 8-channel 120 – 1,200 μL + 3 x ep Dualfilter T.I.P.S. 50 – 1,250 μL L	2230000125
The Research plus 8-channel 10 μL Standard Pack includes: 1 x Research plus 8-channel 0.5 – 10 μL + 3 x ep T.I.P.S. Standard 0.1 – 20 μL	2232000173	The Research plus 12-channel 10 μL Standard Pack includes: 1 x Research plus 8-channel 0.5 – 10 μL + 3 x ep T.I.P.S. Standard 0.1 – 20 μL	2230000179
The Research plus 8-channel 100 μ L Standard Pack includes: 1 x Research plus 8-channel 10 – 100 μ L + 3 x ep Standard T.I.P.S. 2 – 200 μ L	2232000174	The Research plus 12-channel 100 μL Standard Pack includes: 1 x Research plus 8-channel 10 – 100 μL + 3 x ep Standard T.I.P.S. 2 – 200 μL	2230000180
The Research plus 8-channel 300 μL Standard Pack includes: 1 x Research plus 8-channel 30 – 300 μL + 3 x ep Standard T.I.P.S. 20 – 300 μL	2232000175	The Research plus 12-channel 300 μL Standard Pack includes: 1 x Research plus 8-channel 30 – 300 μL + 3 x ep Standard T.I.P.S. 20 – 300 μL	2230000181
The Research plus 8-channel 1,200 μL Standard Pack includes: 1 x Research plus 8-channel 120 – 1,200 μL + 3 x Standard T.I.P.S. 50 – 1,250 μL L	2232000124	The Research plus 12-channel 1,200 μL Standard Pack includes: 1 x Research plus 8-channel 120 – 1,200 μL + 3 x Standard T.I.P.S. 50 – 1,250 μL L	2230000126



Celebrating 60 Years of Centrifugation

1964 marks the launch of the first microcentrifuge at Eppendorf completing the famous microlitre system. Ever since then Eppendorf has been developing, producing, and distributing high-quality centrifuges for you with user-friendliness, quality, and longevity as guiding principles. Rely on 60 years of Eppendorf's centrifugation expertise.

Find your perfect fit

You deserve the best laboratory equipment to ensure that your separation tasks run smoothly every time. That's why our goal is to provide optimised solutions for you and your requirements: From microcentrifuges and benchtop centrifuges to high-speed floorstanding- as well as ultracentrifuges, our extensive portfolio now offers comprehensive solutions in the areas of molecular biology, biochemistry and cell biology.

With our now complete centrifuge portfolio we give you the promise of separation at ease, enabling you to focus on what matters most: your research.



Rely on 60 Years of centrifuge expertise

Check out our complete high speed and super sp micro-ultracentrifuges.

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Ensure top performance spin after spin www.eppendorf.com/centrifuge-service

5

Sample purification

Check out our complete range of centrifuges and service options including high speed and super speed floor standing as well as ultracentrifuges and

WhatsNext Promotion - Buy any of the microcentrifuges listed below and receive 3 boxes of Eppendorf Safe Lock tubes from the list free*

www.eppendorf.com/promotions



Centrifuge 5425 R refrigerated 24place microcentrifuge

place microcentrifuge or

Centrifuge 5425 non refrigerated 24-



Order no

Choose 3 boxes of free tubes from the list below

List of Eppendorf tubes that can be claimed free



Centrifuge 5430 non refrigerated 30place microcentrifuge or

Centrifuge 5430 R refrigerated 30-place microcentrifuge

with either Microcentrifuge or ThermoMixer C promotion		
Eppendorf Safe-Lock Tubes, 1.5 mL, Ep Quality, colourless, 1,000 pk	30120086	
Eppendorf Safe-Lock Tubes, 2.0 mL, Ep Quality, colourless, 1,000 pk	30120094	
Eppendorf Safe-Lock Tubes, 1.5 mL, PCR Clean, colourless, 1,000 pk	30123328	
Eppendorf Safe-Lock Tubes, 2.0 mL, PCR Clean, colourless, 1,000 pk	30123344	

*3 free boxes must be of the same part number only (no mix and match)



High-Speed Centrifuge CR30NX at 15% Off

With very high speeds up to 110,000 x g and a capacity of up to 6 L per run, Centrifuge CR30NX is our premium solution for a large variety of applications up to the "entry level" of ultra-centrifugation.

From harvesting of biomass via continuous flow to separation steps of small particles such as viruses, organelles, extracellular vesicles or nanoparticles, the outstanding versatility and performance of Centrifuge CR30NX covers them all.



Sample handling



ThermoMixer[®] C

Why you will love it

Improve your assay results by mixing and incubating samples at the same time. Eppendorf ThermoMixer C has easy-to-exchange SmartBlocks for all common lab vessels, enabling a variety of applications.

lids.



WhatsNext Promotion - Buy a ThermoMixer C with either a 1.5 mL or 2.0 mL SmartBlock AND a ThermoTop and receive 3 boxes of Eppendorf Safe Lock tubes FREE* from the list on page 8. *3 free boxes must be of the same part number only (no mix and match)



Description

ThermoMixer[®] C, basic device without thermoblock

AND

Description

Eppendorf SmartBlock 1.5 mL for 24 x 1.5 mL tubes, including Transfer Rack

OR

Eppendorf SmartBlock 2.0 mL for 24 x 2.0 mL tubes, including Transfer Rack

AND

Description

ThermoTop heated lid with condens.protect technology

Eppendorf ThermoTop[®]

- As soon as the Eppendorf ThermoTop is placed on the device, heating starts. The heating
- temperature is optimally adapted to the test
- temperature ensuring optimal sample safety: No
- way for condensation to form in your sample tube





NEW Mastercycler® X40

Raise your standard in end point PCR experiments together with the new edition of Mastercycler®X40. Take your PCR amplification to the next level with this highly reproducible, flexible, reliable, and small footprint cycler. The cycler is also connectable to VisioNize® Lab Suite for real time monitoring and to receive notification in the event of device error and power outage.

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and tubestrips, as well as any kind of 96-well PCR plate (unskirted, semi-skirted and skirted).

7 inch LCD Touchscreen The sensitive color touchscreen is covered with an easy-to-clean glass surface.

> Import and export of protocols Easy access of USB port on the device front.

Intuitive software

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Easy programming and editing of programs with the well-proven user interface of Mastercycler X50.

12-column gradient

Optimise temperature steps in your PCR protocol efficiently by testing 12 different temperatures from column 1 to 12.



Want to know more? Click here



Cell Biology



Unlocking Cellular Potential: Eppendorf's Innovative Solutions

Are you in search of cutting-edge cell cultivation devices for microbial cells, mammalian cells, or both? Look no further! Eppendorf offers a comprehensive range of solutions tailored to meet your lab's needs.

Our state-of-the-art incubator shaker, S41i seamlessly integrates cell incubation and shaking functions into a single device. Whether you're nurturing microbial colonies or tending to delicate mammalian cells, Eppendorf has you covered. Imagine the convenience: one instrument, dual capabilities!

The CellXpert[®] C170i ensures high reproducibility in your experiments. Precise temperature control, optimal gas exchange, and controlled agitation create an ideal environment for cell growth. Contamination risks? Not on our watch! Our designs prioritize sterility and easy cleaning, safeguarding your valuable cultures.

Investing in quality now translates to cost savings in long run. Efficient energy usage and durable components mean you can focus on breakthroughs, not repairs.

For more info, click here



A Sustainable Future For You and Your Laboratory

In recent years, our design language and the utility of our products have incorporated elements of sustainability. This sustainable commitment is evident in our recent introduction of conical tubes and pipette tips made from renewable resources. Our carbon footprint-transparent pipettes are verified, and ACT labelled by My Green Lab. ISCC plus certification becomes a standard route that we take to certify our BioBased tubes and tips to be a part of the circular economy that enables traceability along the entire supply chain. The latest innovation in microcentrifuges, the hydrocarbon cooling system, is another important contribution to our green initiatives.

The microliter system would not be complete now without a robust and reliable sample management plan. The barcoded Cryostorage vials are example of how Eppendorf empowers a sustainable and future-proof way of providing safety and traceability in your lab. Covering 5 different volumes and 2 purity grades, there is flexibility to meets different requirements. Naturally, all our consumables can safely be stored in the sustainable ULT Freezers range that are ACT labelled and certified Energy Star compliant, as well as powered by green cooling systems. Our involvement as the Gold sponsor in this year International Laboratory Freezer Challenge coordinated by My Green Lab showed our commitment towards this cause. A secure and responsible future for you and the environment is our commitment through product design and the sustainable practice in the manufacturing of our products.









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VisioNize[®] Lab Suite is your solution for effective lab and device management. Gain access to a modular range of services (instrument monitoring, alarm notification, instruments documentation, maintenance management, etc) and decide what works for your lab. These services integrate together to support you and your lab.

The suite of services is kept updated, making it a sustainable investment. As you and your lab expand over time, VisioNize Lab Suite evolves to meet your needs and is designed to empower you to focus on your next breakthrough.

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Since Eppendorf has acquired the Himac centrifuge line we are committed to provide premium service to you.



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maintenance service and all other services*. Learn more

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Liquid Handling: Basic Principles, Maintenance and Pipette Calibration Pipette and Centri Course



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