

WhatsNext

My Lab & I



Taking Care of You and Your Results

Efficiency, Productivity, Safety & Wellbeing

The events over the last 12 months have been challenging and has caused us to rethink about practices in the laboratory. This includes concerns for our safety and wellbeing, as well as the ability to deliver reliable research and test results efficiently.

Partnering with the right supplier for products and services can give you peace of mind. Eppendorf offers products and solutions, as well as online knowledge exchange sessions to support your safety, wellbeing, productivity and efficiency, taking care of you and your results.



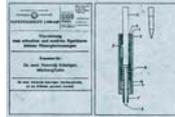
60 Years Pipette Anniversary

The piston-stroke pipette is 60 years old this year



1961 ○

A patent for the first piston-stroke pipette was obtained through the invention of Dr. Heinrich Schnitger



○ 1961

The first pipette named “Marburg pipette” was introduced to the world. The piston-stroke pipette made it possible to handle liquids in the microliter volume range for the very first time.



1970 ○

The Eppendorf piston-stroke pipette keeps evolving through the years after the launch of the first Marburg pipette.

○ 1979

The Varipette 4780 was a radical change in design. This barrel shaped pipette can still be found in some labs until today.



1994 ○

1996 ○

Did you know over the years we have introduced two prominent lines of piston-stroke pipettes? The 'Reference' line was launched in 1994 and has carved out a niche in the clinical laboratory. By 1996, the iconic 'Research' line was introduced.

○ 1999

As the world was ready to cross over to the next millennium, we were preparing to go electronic with the first Eppendorf electronic pipette called the Research® Pro.



2003 ○

We call it the “pipette in a box”. The epMotion® becomes Eppendorf’s first liquid handling workstation to adapt the piston-stroke pipette technology.

○ 2009

The iconic Research went through another major upgrade to become the Research® plus that we now are familiar with.



2010 ○

One year later , the electronic pipette went through an overhaul in design and the result is now the much more user-friendly and ergonomic Xplorer®.

○ 2013

It was time for a major upgrade for the Reference line too and hence the Reference® 2 was introduced. This time it came with enhanced safety features plus tracking ability for clinical laboratories.



2019 ○

The first 24-channel pipettes in the world for processing 384-well plates was released in 2019!

○ 2020

Introducing the Move It® adjustable tip spacing pipette with an innovative technology that does not involve tubing for the movable tip cones.



2021 ○

After 60 years, we are still making things exciting for liquid handling. Another exciting launch is coming this year and it will continue to make life easy for you in the laboratory.

We will continue to evolve and **make it as ergonomic, safe and efficient as possible** to improve your productivity so that you can concentrate on accelerating your research.

THANK YOU!

Making Pipettes Work for You Efficiently While Maintaining Safety and Enhancing Productivity

Efficiency in pipetting means having a pipette that fulfils the following criteria

- > Provides accuracy and reproducibility
- > Easy to operate and use
- > Ergonomics that sustain long usage
- > Works faster and saves time
- > Easy to clean and service



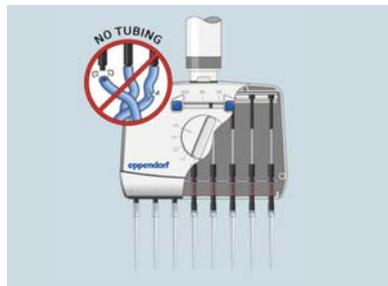
The Move It® adjustable tip spacing pipette gives you efficiency across different tubes and plates with just a turn on the dial



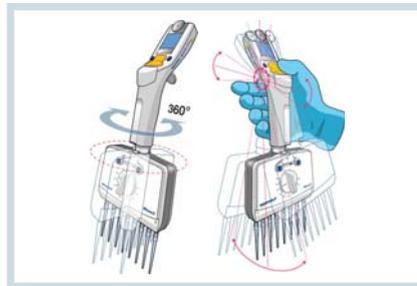
It only takes one pipette to move from one row of tubes to a multitude of plates, thereby saving you at least 50% of your working time



Safety through autoclavability



Innovative piston cylinder system for easy service and maintenance



Sustainable use through ergonomic designs with balanced weight distribution and fully rotatable lower part



Watch the Move It® pipette tackling different consumables type with ease.

Choose the Right Move It® Pipette to Start Making it Work for You

All models available as Xplorer plus and mechanical Research plus.



Type of tips		epT.I.P.S.®			epT.I.P.S.® 384	
Vessel Format	Pipette	Eppendorf Xplorer® plus, Eppendorf Research® plus			Eppendorf Xplorer® plus, Eppendorf Research® plus	
	No. of channels	4	6	8	8	12
	Volume (µL)	300 / 1,200	300 / 1,200	300 / 1,200	20 / 100	20 / 100
	Tip distance (mm)	9–33	9–20	9–14	4.5–14	4.5–9
	384 Wells (Tip distance 4.5 mm)	–	–	–	■	■
	96 Wells (Tip distance 9 mm)	■	■	■	■	■
	48 Wells (Tip distance 13 mm)	■	■	■	■	–
	24 Wells (Tip distance 19 mm)	■	■	–	–	–
	12 Wells (Tip distance 26 mm)	■	–	–	–	–
	1.5 mL / 2.0 mL Tube (Tip distance 14, 18, 20 mm)	14, 18, 20 mm ■	14, 18, 20 mm ■	14 mm ■	14 mm ■	–
	Agarose gel	* ■	* ■	* ■	■	■

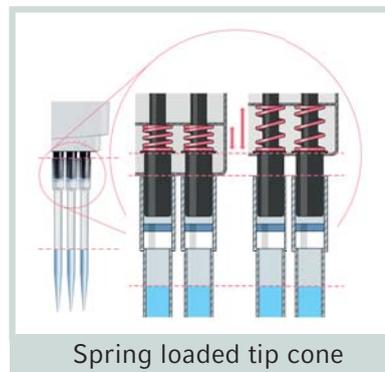
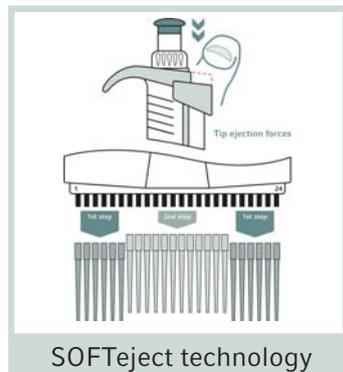
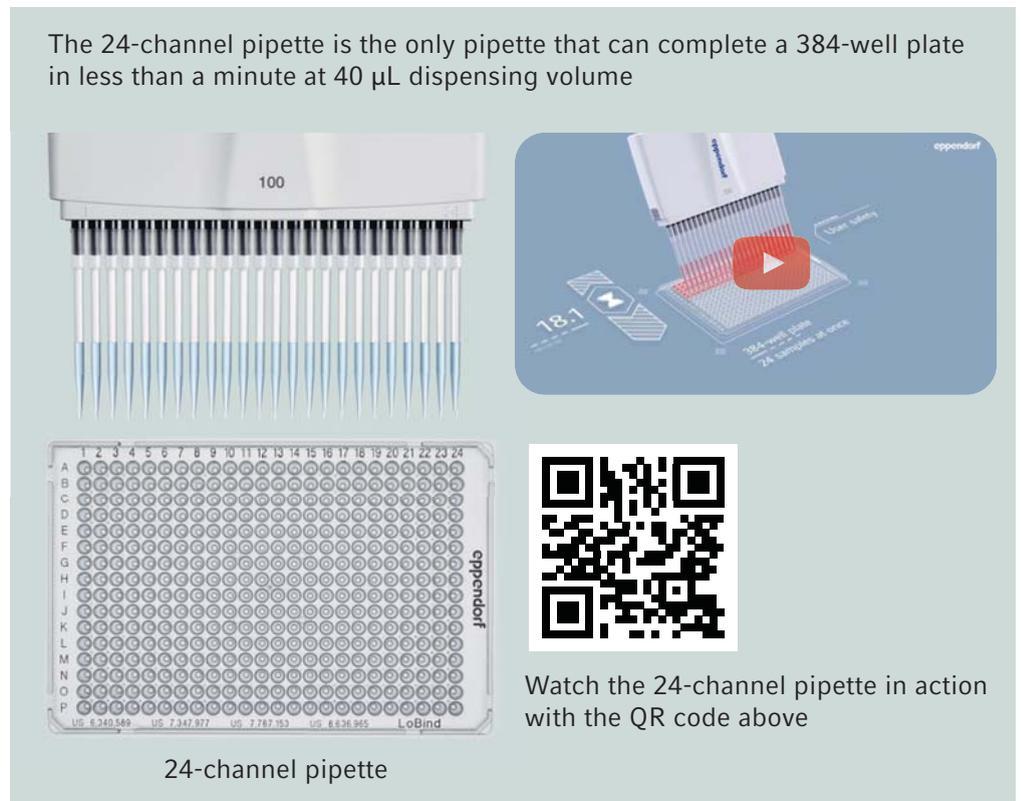
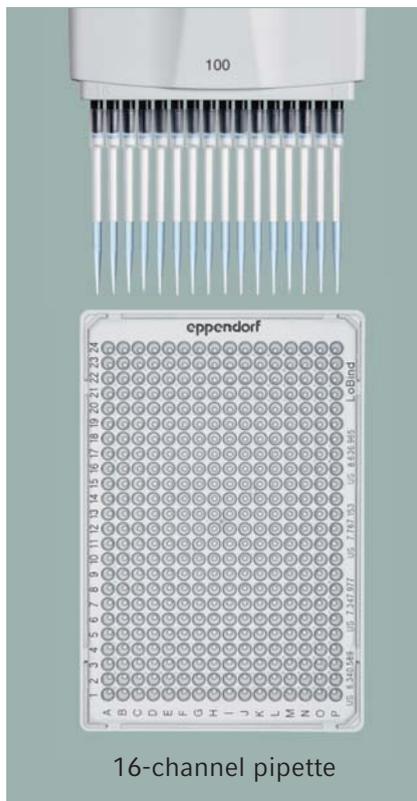
* Limited suitability due to volume and size of tips

If you have any inquiries, please scan this QR code:



Moving up the ladder? Multi-channel pipettes for increased sample throughput!

The Eppendorf Research® plus (mechanical)/Xplorer® (electronic) 16 & 24 channel pipettes are the ideal pipettes for pipetting 384-well plates where efficiency, accuracy and speed are concerned.



- > The SOFTattach technology of the ep.T.I.P.S.® 384 together with the spring loaded tip cone provides easy tip attachment to the pipette nose cone. This means all tips are attached in a perfect straight line, making it easy to pipette into a single row of wells vertically or horizontally.
- > After pipetting, the SOFTject technology with its successive ejection action makes sure all 16 or 24 tips are easily ejected from the nose cones of the pipette. This successive tip ejection requires 50% less ejection force.
- > Not only can you process 384-well plates faster and efficiently, you also have improved productivity without the thumb stress.

“My Centrifuge & I”

Expand Your Possibilities and Save Time

Your lab needs a reliable lifelong partner for your everyday challenges. The Centrifuge 5425 R has been designed to improve your work, including 6 different rotors for increased versatility and speed.



Time-saving features:

- > Quick pre-cooling: from 21 °C to 4 °C in only 8 minutes even at max. speed
- > QuickLock® rotor lid. ¼ turn to close or open rotor lid to reduce stress on your wrist
- > Perform more runs in a day with the new timer function that notifies you when the run has finished
- > Save 10% of your time* with shorter runs

Safety features:

- > Standard aerosol-tight rotor certified by Public Health Agency, Porton Down, UK for maximum user and sample safety
- > Autoclavable rotors

*Calculation based on the QIAprep® Miniprep protocol compared to previous 5415 R

“Reliable partner. Safe and Ergonomic”

Enhance Your Clinical Working Experience

The 5702 family was especially designed to meet the requirement of low-to-mid throughput clinical research and cell culture labs. They are compact in design and quiet in operation to benefit your clinical work environment



Safety for Your Samples and Yourself

- > Lid comes with two safety bolts to ensure secure locking
- > Aerosol-tight caps certified by Public Health Agency, Porton Down, UK to protect users from potentially infectious samples

Maximum Yield & Reproducible Result

- > SOFT brake function for slow acceleration and braking. Optimized for cell separation by gradient centrifugation
- > "At set RPM" function starts the timer when the selected rotational speed is reached for reproducible centrifugation runs.



Gradient formation of blood sample with Centrifuge 5702's SOFT function



Gradient formation of blood sample WITHOUT SOFT function

Compact and Quiet Operation

- > Very compact footprint to fit on every lab bench and quiet operation for a better working environment.
- > Automatic lid opening after each run to protect samples from overheating

“The Benchmark in Clinical Operation”

Time and Space Saving Versatility: NEW 5910 Ri

Our solution to help you work smarter



The New touch screen interface 5910 Ri with S-4x Universal rotor offers you the ultimate in savings!

- > High capacity of up to 4 x 1 L per run
- > Speeds of up to 22, 132 x g
- > Save space by only having to use one rotor and one set of buckets with our universal adapter concept
- > Save time and cost as you don't need to use different rotors or buckets for different tubes, vessels and plates (swing-bucket only)
- > Protect your precious samples with superior cooling and temperature management
- > Save the environment with the ECO shut-off which engages after 8 hours (adjustable) of non-use to reduce energy consumption and to extend compressor life



On Promotion!

Check out the Eppendorf centrifuges that are on promotion:

[Click here](#)



“High capacity, easy and fast!”

“My ULT Freezers & I”

Lab space constraint?

YES

NO

“My CryoCube® F101h & I”



- > Under bench and personalized ULT freezer
- > Can store up to 6000 samples
- > Excellent temperature regulation and high energy efficiency
- > Only need 2 hours and 20 mins to cool down from RT to -80°C after installation

“My CryoCube® F570h & I”



- > Short pull down time from RT to -80°C of 5 hours and 6 mins
- > VIP + Polyurethane insulated
- > 5 storage compartment with 5 dedicated inner doors for improved temperature control
- > Low energy consumption, 7.4 kWh/day
- > Can store up to 40,000 samples
- > Automatic vent port enables fast door re-opening
- > Ergonomically designed door handle – less force needed for closing and opening

Need an upgrade or a more sophisticated Freezer? 

My CryoCube® F740hi & I”

Need an upgrade or a more sophisticated Freezer?



The image shows a tall, white Eppendorf CryoCube freezer with a digital display on the door showing -85°C. The Eppendorf logo and CryoCube model name are visible on the front panel.



Storage capacity of up to 57,600 1.5 mL/2 mL tubes



Excellent insulation – Vacuum insulated panel + polyurethane foam



Energy efficient with green cooling liquid and low energy consumption (10.5 kWh/day)



Excellent pull down time to -80°C of 4 hours and 10 mins



Electronic lock tied with user management and touch screen interface



VisioNize software for monitoring and alarm notification - peace of mind

Find out more on Eppendorf ULT Freezers on



Keep track and organize your samples with eLABInventory software

“My Shaker Incubators & I”

Need CO₂ control for your shaker?



“My New Brunswick™ S41i & I”-
The Best of Both Worlds



How S41i help?

- > Efficient and easy decontamination with High Temperature Disinfection (4 hour at 120 °C) & seamless chamber
- > Enhanced productivity with stackability up to 2 shakers
- > Improved safe operation with robust Innova triple eccentric drive shaking technology
- > Both a shaker and a CO₂ incubator within the same footprint

Find out more:



“My Innova® S44i Shaker & I”-
The Smart Workhorse



How Innova® S44i helps?

- > Enhanced productivity with stackability up to 3 shakers without reducing the shaking speed
- > Improved safe operation with the exceptional X-drive shaker technology- robust, stable and vibration-free high speed shaking
- > Ensure lab personnel wellbeing with ergonomic touch screen user interface and multi-step programs setting

Explore more:



“My Cells & I”

A Cell Culture Expert that Saves Time and Running Costs

Clean in Just 4 Minutes



Cleaning of CO₂ incubators can be tedious and tiresome requiring the disassembly of several removable parts before wiping many small corners & edges. Putting a HEPA-filter back at full arm's length after sterilization increases the risk of contamination.

None of this is required with the new CellXpert® from Eppendorf. Thorough cleaning is completed in 4 minutes:

- > Remove the few removable parts in <40 seconds
- > No fan-associated HEPA-filter
- > Seamless chamber: easy wiping of smooth surfaces
- > Easily clean & refill water trays
- > Download digital 180 °C sterilization protocol in 5 seconds

“Cleaning the CellXpert®
is as quick as
brushing your teeth”



Save up to \$9000 over 5 years



Did you know that running costs for a CO₂ incubator easily exceed its purchase price over time? Hidden costs: regular replacement of fan-associated HEPA-filters or UV lamps, loss of lab space because of low vessel capacity vs. footprint ratio, high gas consumption, lack of flexibility for future lab needs.

Cost-saving features of the CellXpert®:

- > Significantly reduced gas consumption (CO₂ and N₂)
- > Fan-less design. No regular replacement of spare parts (fans, HEPA filters, UV lamps etc.)
- > Up to 25% more usable space (~30,000,000 more cells) to grow your cells by fan-less design

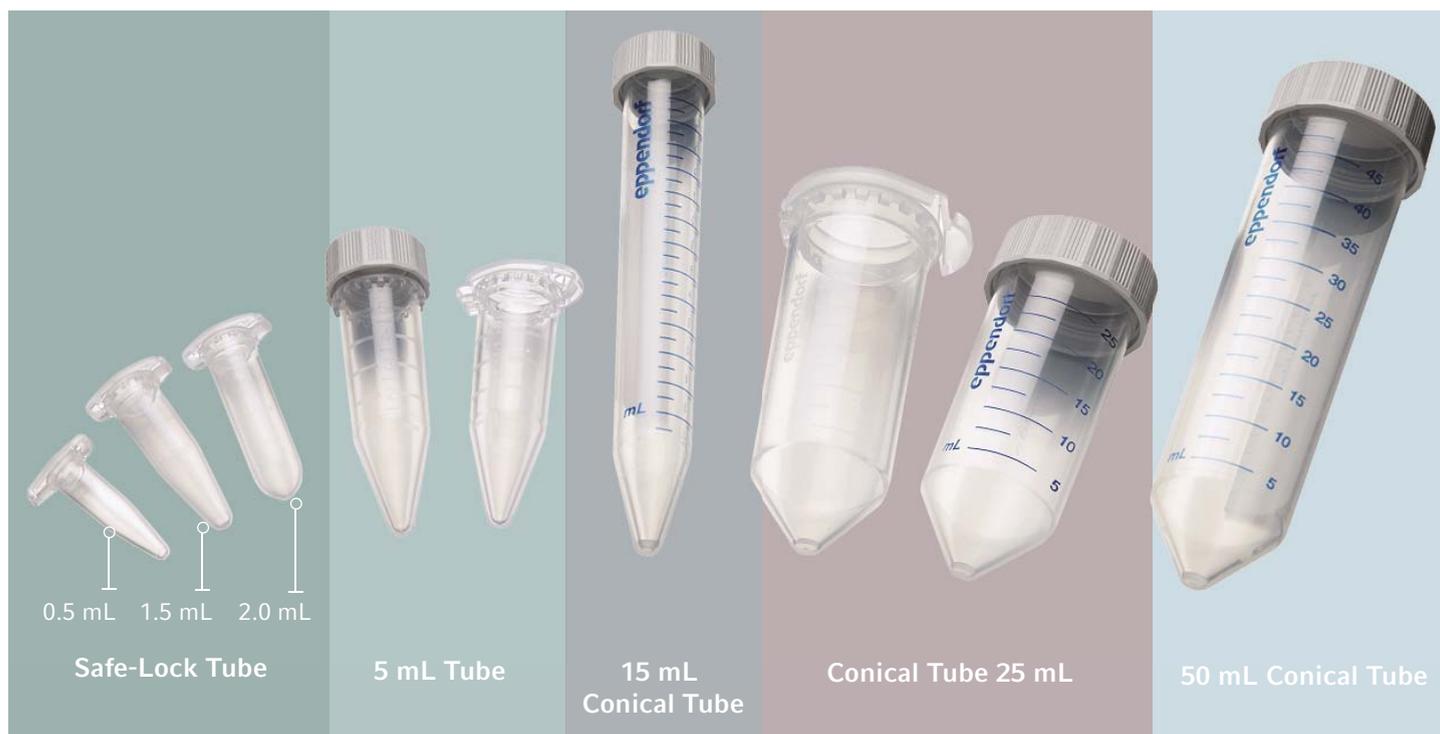
“Try this easy-to-use tool to calculate how you can extend the lifespan of your gas cylinder and save money with the CellXpert® CO₂ Incubator “

[Click here](#)



A Tube for Every Step of the Way

From minimizing sample loss to preventing disturbance to your bioassays due to plastic leachables, your samples are safe during sample processing or sample storage.



What are the advantages of using Eppendorf tubes?

Certified free from plastics additives such as slip agents, biocides and plasticizers

- > Plastic additives can leach out from plastics and negatively affect a bioassay or contaminate a sample.
- > Minimize the need to repeat an assay in order to save cost, time and effort.
- > Suitable for sensitive assays such as HPLC, GC-MS, LC-MS, chemical analysis, ICP-MS and etc.

DNA or Protein LoBind options available

- > LoBind tubes minimize nucleic acid/protein loss when you have precious samples to process or to store.
- > LoBind capability is achieved through a special manufacturing process.
- > Perfect for processing samples in a long protocol or workflow as well as for sample storage.

Pure Materials
Clean Run
ISO certified

Manufacturer

How pure is an Eppendorf tube?
Find out here.

How does the Eppendorf LoBind work?
Find out here.



For more information about Eppendorf tubes, scan the QR code here

With the right tube, you minimize repeating your assays due to either sample loss or disturbance from leachables. This in turn leads to better sustainability in terms of cost of tubes and the reagents, the environment and most of all, your time and effort.

Eppendorf Product Registration



Be a Proud Owner
of an Eppendorf Product!

By just taking a few simple steps and a few minutes to register your Eppendorf products, you may improve your experience with Eppendorf even more.

Register your Eppendorf product today to enjoy the benefits:



With every product registration you can collect 100 epPoints® which can be redeemed in our Rewards Shop.



Year-round raffles: Participate in our product registration program for a chance to win some exclusive prizes. Each registration will increase your chances of winning the first prizes.

**Visit our website to know more*



Register your products within three months of purchase and get an additional three month warranty on centrifuges, shakers, incubators and cyclers.

***Please check the participating countries on our website.*



Scan for more information