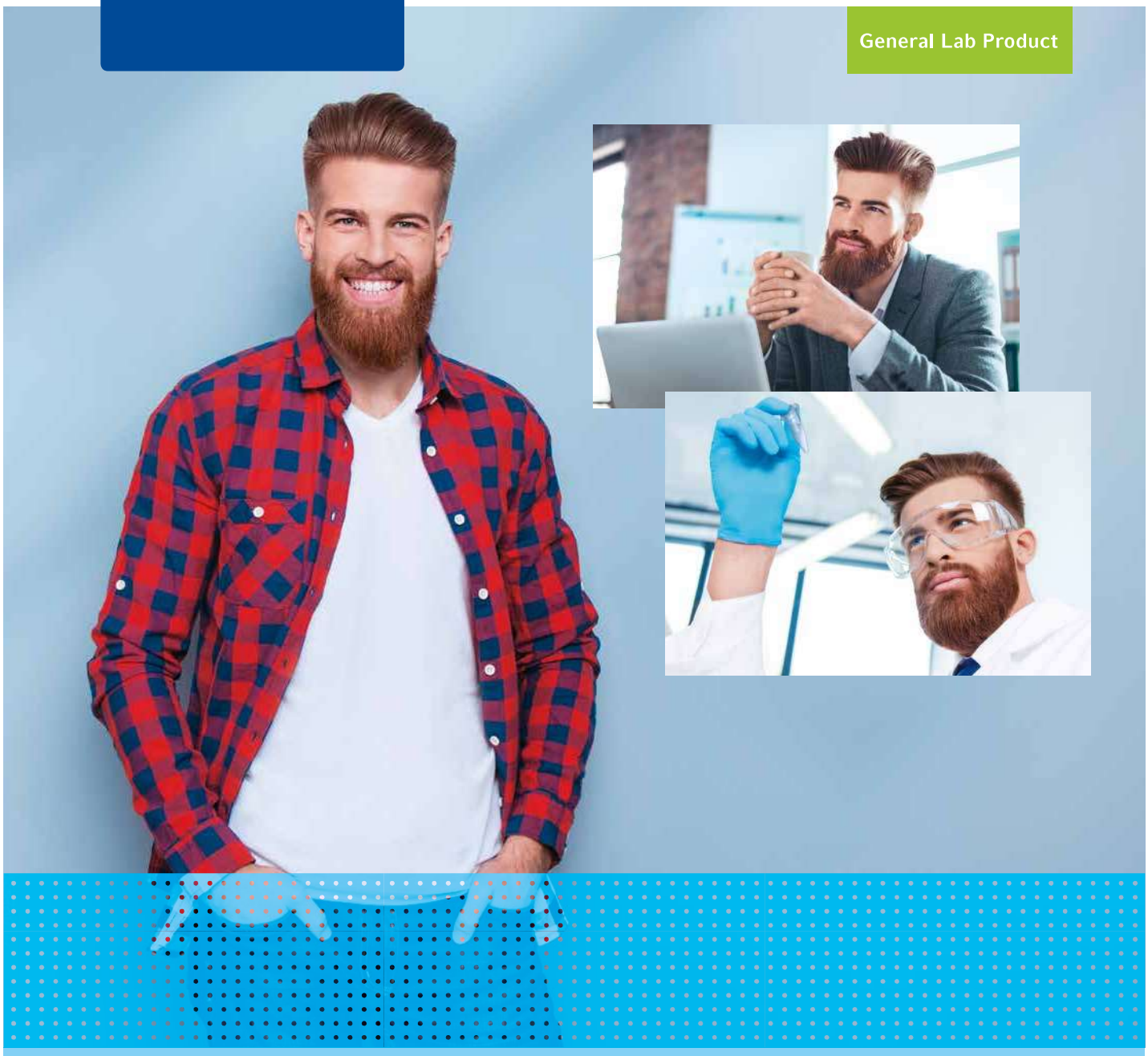
TOMORROW LAB SINCE 1945
75 YEARS

eppendorf

General Lab Product



»I keep cool in tough situations, so do my samples.«

The new Centrifuge 5425 R – Your Lifelong Companion



Your Lifelong Companion

Refrigerated Centrifuge 5425 R is the new laboratory standard for temperature sensitive samples up to 5 mL. It features state of the art cooling technology to ensure 4 °C at full speed for maximum sample protection and best separation results.
Our solution for your everyday challenges.

Benefits

> **More applications:** Rotor portfolio extended from 4 to 6 including 5 mL tube rotor and swing-bucket rotor for PCR strips
> **More flexibility:** Rotors interchangeable between air-cooled Centrifuge 5425 and new refrigerated Centrifuge 5425 R
> **More throughput:** Maximum sample volume per tube increased from 2 mL to 5 mL



rotary knob version

keypad control version

> **More versatility:** Available with rotary knob and keypad control – Quick setting of parameters or easy cleaning of keys

New Features



Enhanced convenience
> One push short-spin key – no need to hold key all the while
> End of run timer (time after rotor stopped)



Improved ergonomics
> Eppendorf QuickLock® rotors for ergonomic lid locking
> Closes with only a ¼ turn and takes repetitive stress off your wrist



Increased versatility
> 10-place 5.0 mL rotor for screw cap and snap lid tubes
> Swing-bucket rotor for divisible plates to speed up your PCR/qPCR setup

Six Rotors for Many Applications

Separation of broad range of samples like DNA/RNA and proteins in 1.5/2.0 mL tubes

Special feature: The Eppendorf fixed-angle aluminum rotors are among the lightest in the industry.
Aerosol-tight: For safe centrifugation of hazardous samples
Max. capacity: 24 × 1.5/2.0 mL tubes
Max. speed: 21,300 × *g* (15,060 rpm)



Rotor FA-24×2



Spin column based DNA & RNA purification with tube lids open

Unique feature: Designed with an extra high rim to support open tube lids during centrifugation
Aerosol-tight: For safe centrifugation of hazardous samples
Max. capacity: 18 × 1.5/2.0 mL tubes
Max. speed: 18,565 × *g* (15,060 rpm)



Rotor FA-18×2-Kit

Separation of aggressive solvents incl. phenol and acetone in 1.5/2.0 mL tubes

Special feature: PTFE-coated for increased chemical resistance and easy cleaning
Aerosol-tight: For safe centrifugation of hazardous samples
Max. capacity: 24 × 1.5/2.0 mL tubes
Max. speed: 21,300 × *g* (15,060 rpm)



Rotor FA-24×2-PTFE



Rotor F-32×0.2-PCR

Micro-volume protocols, such as PCR/ qPCR reaction set-up in 0.2 mL tubes and strips

Special feature: Windshield design for reduced turbulences during the run for whisper quiet operation.
Max. capacity: 32 x PCR tubes or 4 × PCR strips with 0.2 mL
Max. speed: 18,134 × *g* (15,060 rpm)

Harvesting bacteria and yeast with up to 5 mL sample volume

Special feature: Accommodates adapters to hold 1.5/2 mL, HLPC, and Cryo tubes
Aerosol-tight: For safe centrifugation of hazardous samples
Max. capacity: 10 × 5 mL tubes (screw cap & snap lid)
Max. speed: 21,300 × *g* (15,060 rpm)



Rotor FA-10×5



Rotor S-96×0.2-PCR

Pre/Post-PCR and qPCR processing with up to 96 samples per run

Special feature: Swing-bucket rotor: Ideal for small volume PCR/qPCR experiments as samples are collected in the center of tubes
Max. capacity: 96 x PCR tubes with 0.2 mL or 4 × ¼ divisible Eppendorf twin.tec® PCR plate 96 (unskirted)
Max. speed: 3,217 × *g* (6,000 rpm)

Centrifuge Profile



Enhanced convenience
Soft-touch one-finger lid closure for ergonomic lid locking

Reduced noise pollution
OptiBowl® design for quiet operation, even without rotor lid

Longer lasting
Stainless steel rotor chamber with built-in condensation drain to eliminate water accumulation

Superior temperature control
Aluminum rotors, with high heat conductivity for fast pre-cooling

Improved comfort
New easy to read super bright display

Improved sample protection
The patented compressor technology reduces vibrations

Quicker pre-cooling
FastTemp function: from ~21 °C to 4 °C in only 8 minutes

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Ordering information	
Description	**Order no.**
Centrifuge 5425 R, keypad control, with rotor FA-24×2, 230 V/50–60 Hz	5406 000 119
Centrifuge 5425 R, rotary knob control, with rotor FA-24×2, 230 V/50–60 Hz	5406 000 518
Rotor	
Rotor FA-24×2	5495 500 006
Rotor FA-24×2-PTFE	5495 503 005
Rotor FA-10×5	5495 505 008
Rotor FA-18×2-Kit	5495 508 007
Rotor F-32×0.2-PCR	5495 510 001
Rotor S-96×0.2-PCR	5495 512 004
Adapter	
Adapter, for 1 tube 0.5 mL or microtainer, max. Ø 8 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 716 001
Adapter, for 1 PCR tube 0.2 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 715 005
Adapter, for 1 vessel 1.5–2.0 mL, for all 5.0 mL rotors, set of 4 pcs.	5820 768 002
Adapter, for 1 cryo tube, for all 5.0 mL rotors, set of 4 pcs.	5820 769 009
Adapter, for 1 HPLC tube, for all 5.0 mL rotors, set of 4 pcs.	5820 770 007
Adapter, for 1 tube 0.4 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 717 008

Premium Services for Your Centrifuges

epServices
for premium performance

Centrifuge Performance Plans
An annual inspection and maintenance of centrifuges and rotors by an Eppendorf certified service technician is highly recommended to ensure a safe working environment.

Certification Services
Installation Qualification (IQ) and Operational Qualification (OQ) services make sure that temperature accuracy, rotational speed verification and operating time meet manufacturer's specifications.

Further information and local offers in your country.



www.eppendorf.com/epServices

Your local distributor: www.eppendorf.com/contact
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