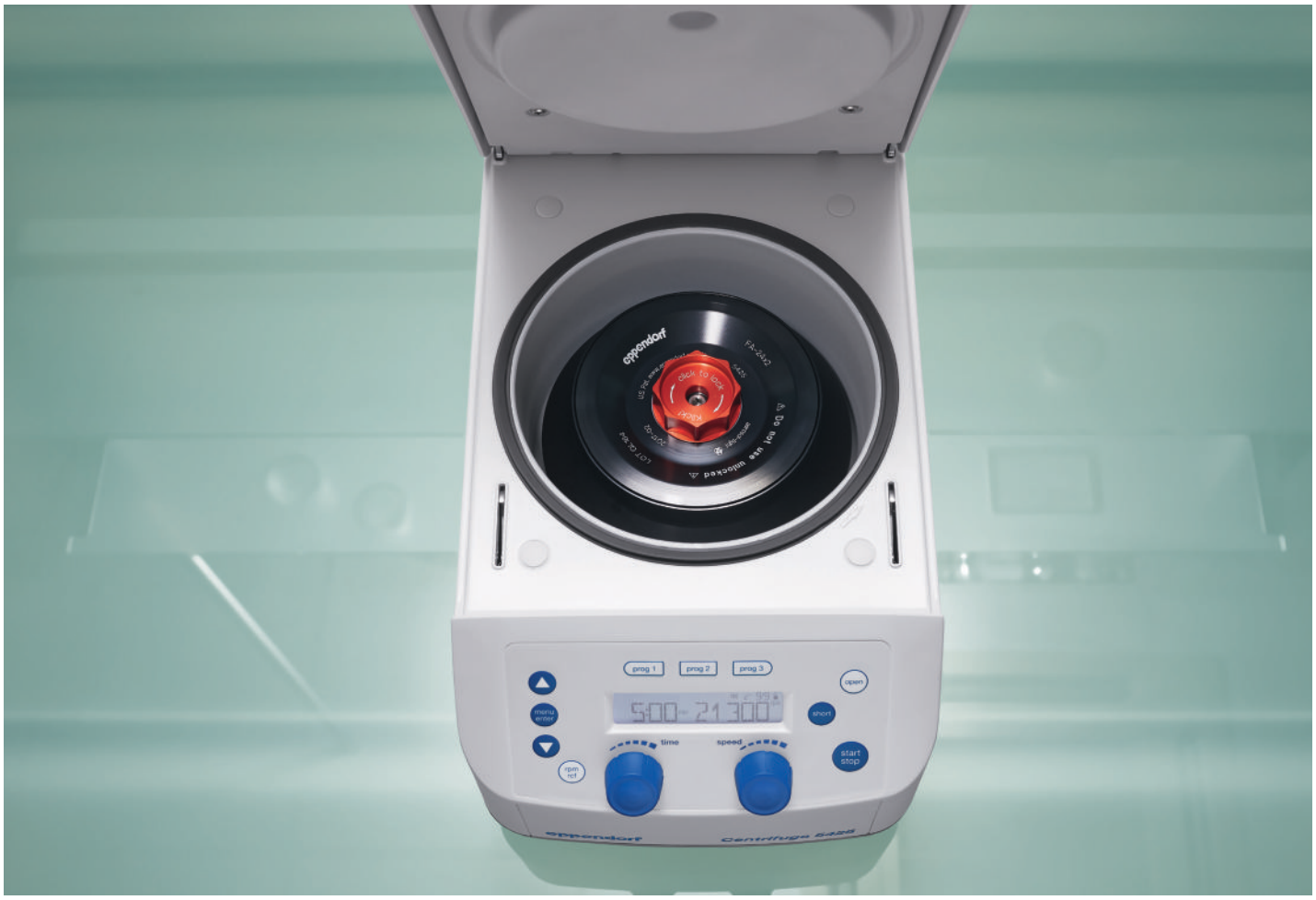
eppendorf

Your Daily Companions

Eppendorf Microcentrifuges



Meet the Next Generation in Microcentrifugation

With more than 50 years of experience...

In 1964, Eppendorf introduced the first microcentrifuge for laboratory applications to the market. The Model 3200, with its fixed rotational speed and only one dial to select run time, was still relatively simple in terms of construction. Together with the microliter pipettes and Eppi® tubes that had been newly introduced only a short time before, the Model 3200 was an integral component of the Eppendorf microliter system. This system enabled work with even the smallest of sample volumes, thus revolutionizing biomedical research worldwide.

... and today's power of innovation ...

Today, Eppendorf develops innovative, high-quality centrifuges for a broad range of applications. They offer an ergonomic operating concept with a multitude of options, and they adhere to the highest safety standards. Refrigerated centrifuges are further equipped with advanced temperature management for the protection of your sensitive samples from heat. It is the goal of Eppendorf product development to surpass your expectations, to simplify processes in your lab, and to provide you with future-oriented new technologies.

... for the laboratories of tomorrow

The result is a comprehensive line of microcentrifuges that serve the multiple applications you encounter in your lab – whether you just spin a few tubes at a time or need the extra versatility for handling plates and larger volume tubes directly on your lab bench. Eppendorf microcentrifuges are designed to go beyond speed and capacity to offer you unparalleled ergonomic operation and superior temperature management. You will not only experience enhanced performance, but also comfort and ease in their use.

Ergonomic Operation

Ergonomics refers to much more than a product's size and weight. It is a general approach in the lab that seeks to optimize the work environment for the efficiency and safety of the user. It may include aspects from the overall design of the space to the products themselves and their individual operation. Improving ergonomics in your lab can save time, protect you from work-associated injuries and enhance your overall performance.

Virtually silent operation
Eppendorf centrifuges are designed for low noise operation to benefit your work environment – you can work right next to them while they are running.

Eppendorf QuickLock® rotors
Our aerosol-tight Eppendorf QuickLock rotors close with only ¼ of a turn. This not only saves you time but also takes repetitive stress off your wrist.

Soft-touch lid closure
All our microcentrifuges are equipped with a soft-touch one-finger lid closure. Just lower the lid gently and it will lock automatically. No more pressing or slamming down the lid.

MiniSpin®/MiniSpin® plus

Space saving 12-place mini-centrifuge for quick spin downs.

Powerful and user-friendly MiniSpin and MiniSpin plus are small enough so that each workstation can be equipped. Two models are available to meet your performance requirements. MiniSpin plus provides speed sufficient for molecular biology separations.

Product features

> Capacity: 12 × 1.5/2.0 mL, 2 × PCR strip
> Speed up to 12,100/14,100 × *g* (13,400/14,500 rpm)
> Extremely compact footprint
> Digital display for reproducible setting of time and speed
> Rotor, inner centrifuge lid, and lid latch are made of metal for maximum operational safety
> Soft-touch lid closure for ergonomic lid locking
> Lid opens automatically at the end of the run to prevent sample warming and to allow easy access to samples

Additional features of MiniSpin® plus

> Automatic rpm/rcf conversion
> Extended time to 99 min or continuous centrifugation

Rotors MiniSpin®/MiniSpin® plus

Rotor F-45-12-11
for 12 x 1,5/2.0 mL tubes

Rotor F-55-16-5 PCR
for 2 x PCR strips

Ordering information

Description	Order no.
Centrifuge MiniSpin®, non-refrigerated, with Rotor F-45-12-11, 230 V/50 – 60 Hz	*
Centrifuge MiniSpin® plus, non-refrigerated, with Rotor F-45-12-11, 230 V/50 – 60 Hz	*
Rotor F-55-16-5 PCR	5452 727 007
Rotor F-45-12-11	5452 720 008
Adapter, for 1 tube 0.5 mL or BD 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 tube 0.4 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 717 008

* For ordering information, please check our local website or contact your local sales representative.
www.eppendorf.com/minispin

Centrifuge 5418 R

Compact refrigerated 18-place microcentrifuge for temperature sensitive samples.

The refrigerated Centrifuge 5418 R with its 18-place capacity rotor is specifically designed for low to medium capacity in 1.5/2.0 mL tubes and BD Microtainer®. Its speed of up to 16,873 × *g* allows for standard molecular biology applications.

Product features

> Capacity: 18 x 1.5/2.0 mL
> Speed up to 16,873 x *g* (14,000 rpm)
> Compact footprint to fit on crowded lab benches
> OptiBowl® design allows for whisper quiet operation without rotor lid to benefit your work environment
> Soft-touch one-finger lid closure for ergonomic operation
> Automatic lid opening at the end of the run – prevents sample warming and allows easy access to samples
> Aerosol-tight rotor for safe centrifugation of hazardous samples
> Eppendorf QuickLock® rotor allows fast and ergonomic lid locking
> Temperature control range from 0 °C to 40 °C
> FastTemp function for fast pre-cooling and maximum temperature accuracy inside the rotor
> ECO shut-off engages after 8 hours of nonuse to reduce energy consumption (47 % overnight) and extends compressor life (can be deactivated)

Rotors for Centrifuge 5418 R

Rotor F-45-24-11

> for 18 × 1.5/2.0 mL tubes comes standard with unique Eppendorf QuickLock aerosol-tight lid for fast and reliable locking

Adapter for 0.2 mL PCR Tubes

> Ideal to spin down PCR Tubes after reaction setup. Adapter fits in any Eppendorf 1.5/2.0 mL rotor

Adapter for BD Microtainer® and 0.5 mL tubes

> The adapter can be used with every Eppendorf rotor for 1.5/2.0 mL tubes

Ordering information

Description	Order no.
Centrifuge 5418 R, refrigerated, with Rotor FA-45-18-11 and rotor lid, 230 V/50 – 60 Hz	*
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 tube 0.5 mL or BD Microtainer®, max. Ø 8 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 716 001
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

* For ordering information, please check our local website or contact your local sales representative.
www.eppendorf.com/centrifuge-5418

Centrifuge 5420

Small footprint 24-place microcentrifuge for routine applications.

Centrifuge 5420 was designed for molecular biology routine applications. It has a particularly small footprint to save space on the lab bench and an easy to clean keypad control panel.

Product features

> Standard rotor for up to 24 x 1.5 and 2.0 mL tubes
> Rotor option for up to 32 x 0.2 mL PCR tubes or 4 x 8-place PCR strips
> Adapters for 0.2, 0.4 and 0.5 mL tubes as well as 0.6 mL BD Microtainer®
> Soft-touch one-finger lid closure for ergonomic lid locking
> Automatic lid opening at the end of the run to prevent sample warming and to allow easy access to samples
> High quality anodized aluminum rotors and rotor lids
> One push short-spin key for quick centrifugation – no need to hold key all the while
> Easy to clean keypad control panel
> Particularly small footprint to save precious space on the lab bench: 24 x 35 x 22 cm (W x D x H)
> Max. speed: 21,300 x *g* (15,060 rpm)

Ordering information

Description	Order no.
Keypad	
Centrifuge 5420, non-refrigerated, without rotor, keypad, 230 V/50 – 60 Hz	*
Centrifuge 5420, non-refrigerated, with aerosol-tight Rotor FA-24x2, keypad, 230 V/50 – 60 Hz	*

Rotors for Centrifuge 5420

Rotor FA-24x2
> Max. speed: 21,300 × *g* (15,060 rpm)
> Max. capacity: 24 × 1.5/2.0 mL tubes
> Aerosol-tight

Rotor F-32x0.2-PCR
> Max. speed: 18,257 × *g* (15,060 rpm)
> Max capacity: 4 × PCR strips or 32 × PCR tubes (0.2 mL)

Ordering information

Description	Order no.
Rotor FA-24x2 for Centrifuge 5420, aerosol-tight, for 24 × 1.5/2.0 mL tubes, incl. aerosol-tight rotor lid	5495 400 001
Rotor F-32x0.2-PCR for Centrifuge 5420, for 32 × 0.2 mL PCR tubes or 4 × 8 PCR strips, incl. rotor lid	5495 404 007
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 tube 0.5 mL or BD Microtainer®, max. Ø 8 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 716 001
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

* For ordering information, please check our local website or contact your local sales representative.
www.eppendorf.com/centrifuge-5420

Centrifuge 5425/5425 R

Our Gold Standard – 24-place microcentrifuges.

Eppendorf microcentrifuges 5425 and 5425 R are whisper-quiet and offer an outstanding set of features for a broad range of molecular and cell biology applications in Eppendorf and PCR tubes from 0.2 to 5 mL. The refrigerated Centrifuge 5425 R provides precise temperature control for processing temperature-sensitive samples with its advanced cooling system.

Product features

> Aerosol-tight Eppendorf QuickLock® lids for simple and safe handling
> Outstanding software features (e.g. adjustable acceleration and braking ramps, 3 program buttons (only Centrifuge 5425), short function without continuous pressing of the key)
> Extended rotor program (e.g. 5.0 mL rotor, swing-bucket rotor for PCR strips)
> OptiBowl® design for quiet operation, even without a rotor lid
> Soft-touch one-finger lid closure for ergonomic operation
> Max. rotor capacity: 10 × 5.0 mL vessels
> Max. speed: 21,300 × g (15,060 rpm)

Special features for Centrifuge 5425 R

> Outstanding cooling system for processing temperature-sensitive samples from 0.2 – 5 mL
> The patented compressor technology reduces vibrations and protects your samples
> Temperature range: -10 °C to +40 °C

Ordering information

Description	Order no.
Keypad	
Centrifuge 5425, keypad, non-refrigerated, without rotor, 230 V/50 – 60 Hz	*
Centrifuge 5425, keypad, non-refrigerated, with Rotor FA-24x2, 230 V/50 – 60 Hz	*
Centrifuge 5425 R, keypad, refrigerated, without rotor, 230 V/50 – 60 Hz	*
Centrifuge 5425 R, keypad, refrigerated, with Rotor FA-24x2, 230 V/50 – 60 Hz	*
Rotary knob	
Centrifuge 5425, rotary knobs, non-refrigerated, without rotor, 230 V/50 – 60 Hz	*
Centrifuge 5425, rotary knobs, non-refrigerated, with Rotor FA-24x2, 230 V/50 – 60 Hz	*
Centrifuge 5425 R, rotary knobs, refrigerated, without rotor, 230 V/50 – 60 Hz	*
Centrifuge 5425 R, rotary knobs, refrigerated, with Rotor FA-24x2, 230 V/50 – 60 Hz	*

* For ordering information, please check our local website or contact your local sales representative.
www.eppendorf.com/centrifuge-5425r

Rotors for Centrifuge 5425/5425 R

Rotor FA-24x2
> Max. speed: 21,300 × *g* (15,060 rpm)
> Max. capacity: 24 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor FA-24x2-PTFE
> Max. speed: 21,300 × *g* (15,060 rpm)
> Max. capacity: 24 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid
> PTFE coating for increased chemical resistance

Rotor FA-10x5
> Max. speed: 21,300 × *g* (15,060 rpm)
> Max capacity: 10 × Eppendorf Tubes® 5.0 mL
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor FA-18x2-Kit
> Max. speed: 18,565 × *g* (15,060 rpm)
> Rotor with higher edge for safe centrifugation of up to 18 spin columns
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor F-32x0.2-PCR
> Max. speed: 18,134 × *g* (15,060 rpm)
> for 4 × PCR strips or 32 × PCR tubes (0,2 mL)

Rotor 96x0.2-PCR
> Max. speed: 3,217 × g (6,000 rpm)
> New swing bucket rotor
> for 12 × 8 PCR strips 0.1/0.2 mL or 4 × 1/4 twin.tec PCR plate 96, unskirted divisible or 96 × PCR tubes with 0.2 mL

Ordering information

Description	Order no.
Rotor FA-24x2, aerosol-tight, for 24 × 1.5/2.0 mL tubes, incl. aerosol-tight rotor lid	5495 500 006
Rotor FA-24x2-PTFE, aerosol-tight, with PTFE coating, for 24 × 1.5/2.0 mL tubes, incl. aerosol-tight rotor lid	5495 503 005
Rotor FA-10x5, aerosol-tight, for 10 × 5.0 mL tubes (snap and screw cap), incl. aerosol-tight rotor lid	5495 505 008
Rotor FA-18x2-Kit, aerosol-tight, for 18 × 1.5/2.0 mL tubes or spin columns, incl. aerosol-tight rotor lid	5495 508 007
Rotor F-32x0.2-PCR, for 32 × 0.2 mL PCR tubes or 4 × 8 PCR strips, incl. rotor lid	5495 510 001
Rotor S-96x0.2-PCR, for 96 × 0.2 mL PCR tubes or 12 × 8 PCR strips, incl. buckets	5495 512 004
Adapter, for 1 tube 0.5 mL or BD 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

Centrifuge 5427 R

High-throughput 48-place microcentrifuge, refrigerated (green cooling liquid (R290)) for temperature sensitive samples.

Eppendorf Centrifuge 5427 R is a high-speed, refrigerated microcentrifuge for high-throughput research. It doubles your tube capacity compared to a standard 24-place microcentrifuge thanks to its 48-place double-row rotor, while contributing to a more sustainable lab environment with its natural refrigerant.

Product features

> Cooled with natural refrigerant (R290) to protect your samples - and the planet
> Capacity: 48 x 1.5/2.0 mL, 12 x 5.0 mL
> Speed up to 25,001 x *g* (16,220 rpm)
> High-capacity 48-place rotor
> Aerosol-tight Eppendorf QuickLock® rotor lids allow for fast and ergonomic lid locking
> Quiet operation due to optimized sound design
> Soft-touch one-finger closure for ergonomic operation
> Temperature control range from –10 °C to 40 °C
> FastTemp program optimized for quick 11 min pre-cooling
> ECO shut-off can be programmed to engage after 1, 2, 4, or 8 hours of nonuse for energy savings up to 88 % and extended compressor life

Ordering information

Description	Order no.
Rotary knobs	
Centrifuge 5427 R, refrigerated, without rotor, rotary knobs, 230 V/50 – 60 Hz	*
Centrifuge 5427 R, refrigerated, with Rotor FA-45-12-17, rotary knobs, 230 V/50 – 60 Hz	*
Centrifuge 5427 R, refrigerated, with Rotor FA-45-30-11, rotary knobs, 230 V/50 – 60 Hz	*
Centrifuge 5427 R, refrigerated, with Rotor FA-45-48-11, rotary knobs, 230 V/50 – 60 Hz	*

Rotors for Centrifuge 5427 R

Rotor F-45-48-11
> Max. speed: 18,210 × *g* (12,700 rpm)
> Max. capacity: 48 × 1.5/2.0 mL tubes

Rotor FA-45-48-11
> Max. speed: 18,210 × *g* (12,700 rpm)
> Max. capacity: 48 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor FA-45-30-11
> Max. speed: 20,800 × *g* (14,000 rpm)
> Max. capacity: 30 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid

Rotors for Centrifuge 5427 R (cont.)

Rotor F-45-30-11
> Max. speed: 20,800 × *g* (14,000 rpm)
> Max. capacity: 30 × 1.5/2.0 mL tubes

Rotor FA-45-24-11
> Max. speed: 25,001 × *g* (16,220 rpm)
> Max. capacity: 24 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor FA-45-24-11-Kit
> Max. speed: 19,100 × *g* (13,200 rpm)
> Rotor with higher edge for safe centrifugation of up to 24 spin columns
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor S-24-11-AT
> Max. speed: 16,049 × *g* (12,700 rpm)
> Swing-bucket rotor for 24 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid
> Perfect for phase-separation applications such as phenol-chloroform extraction

Rotor FA-45-12-17
> Max. speed: 20,600 × *g* (14,000 rpm)
> Max capacity: 12 × Eppendorf Tubes® 5.0 mL
> Aerosol-tight with Eppendorf QuickLock® lid

Rotor F-45-48-5-PCR
> Max. speed: 11,710 × *g* (10,500 rpm)
> PCR strip rotor for up to 48 × 0.2 mL PCR tubes

Ordering information

Description	Order no.
Rotor FA-45-48-11, aerosol-tight, incl. rotor lid	5409 710 001
Rotor F-45-48-11, incl. rotor lid	5409 712 004
Rotor FA-45-30-11, aerosol-tight, incl. rotor lid	5409 706 004
Rotor F-45-30-11, incl. rotor lid	5409 708 007
Rotor FA-45-24-11, aerosol-tight, incl. rotor lid	5409 702 009
Rotor FA-45-24-11-Kit, aerosol-tight, incl. rotor lid	5409 704 001
Rotor S-24-11-AT, aerosol-tight, incl. wind shield and rotor lid	5409 715 003
Rotor F-45-48-5-PCR, aluminum	5409 714 007
Rotor FA-45-12-17, aerosol-tight, incl. rotor lid, for 12 × Eppendorf Tubes® 5.0 mL	5409 700 006
Adapter, for 1 tube 0.5 mL or BD 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

* For ordering information, please check our local website or contact your local sales representative.
www.eppendorf.com/centrifuge-5427

Centrifuge 5430/5430 R

Crossover microcentrifuges with small footprint and great versatility. Refrigerated for temperature sensitive samples or non-refrigerated.

Centrifuge 5430 and 5430 R combine the dimensions of a microcentrifuge with the application range of a multipurpose centrifuge in one instrument: 12 rotor options including rotor for 15 and 50 mL conical tubes, 30-place high speed rotor and swing-bucket rotor for MTPs or DWPs.

Product features

> Capacity: 48 x 1.5/2.0 mL, 6 x 50 mL, 2 x MTP
> Speed up to 30,130 x *g* (17,500 rpm)
> Soft-touch closure for ergonomic operation
> Menu-driven, multi lingual operation menu (English, German, French, Spanish) with large backlit display
> Saves up to 50 user-defined programs – 5 program keys for easy access to routine programs

Additional features of refrigerated Model 5430 R

> Temperature control range from –11 °C to 40 °C
> FastTemp pro® control program for fast pre-cooling and maximum temperature accuracy inside the rotor
> ECO shut-off can be programmed to engage after 1, 2, 4, or 8 hours of nonuse for up to 84 % energy savings and extended compressor life

Ordering information

Description	Order no.
Keypad	
Centrifuge 5430, non-refrigerated, without rotor, keypad, 230 V/50 – 60 Hz	*
Centrifuge 5430, non-refrigerated, with Rotor FA-45-30-11 incl. rotor lid, keypad, 230 V/50 – 60 Hz	*
Centrifuge 5430 R, refrigerated, without rotor, keypad, 230 V/50 – 60 Hz	*
Centrifuge 5430 R, refrigerated, with Rotor FA-45-30-11 and rotor lid, keypad, 230 V/50 – 60 Hz	*
Rotary knobs	
Centrifuge 5430, non-refrigerated, without rotor, rotary knobs, 230 V/50 – 60 Hz	*
Centrifuge 5430, non-refrigerated, with Rotor FA-45-30-11 incl. rotor lid, rotary knobs, 230 V/50 – 60 Hz	*
Centrifuge 5430 R, refrigerated, without rotor, rotary knobs, 230 V/50 – 60 Hz	*
Centrifuge 5430 R, refrigerated, with Rotor FA-45-30-11 and rotor lid, rotary knobs, 230 V/50 – 60 Hz	*

* For ordering information, please check our local website or contact your local sales representative.
www.eppendorf.com/centrifuge-5430

Rotors for Centrifuge 5430/5430 R

Rotor FA-45-48-11
> Max. speed: 18,210 × *g* (12,700 rpm)
> Max. capacity: 48 × 1.5/2.0 mL tubes
> Aerosol-tight for safe centrifugation of hazardous samples
> Eppendorf QuickLock® lid takes repetitive stress off your wrist

Rotor F-45-48-11
> Max. speed: 18,210 × *g* (12,700 rpm)
> Max. capacity: 48 × 1.5/2.0 mL tubes

Rotor S-24-11-AT
> Max. speed: 16,049 × *g* (12,700 rpm)
> Swing-bucket rotor for 24 × 1.5/2.0 mL tubes
> Aerosol-tight with Eppendorf QuickLock® lid
> Perfect for phase-separation applications such as phenol-chloroform extraction

Rotor FA-45-16-17
> Max. speed: 21,191 × *g* (14,200 rpm)
> Max. capacity: 16 × Eppendorf Tubes® 5.0 mL
> Aerosol-tight for safe centrifugation of hazardous samples
> Eppendorf QuickLock® lid takes repetitive stress off your wrist
> Eppendorf Tubes® 5.0 mL with screw caps only can use up half (8 ×) of the places in the rotor

Rotor FA-45-30-11
> Max.speed: 20,817 × *g* (14,000 rpm)
> Max. capacity: 30 × 1.5/2.0 mL tubes
> Aerosol-tight for safe centrifugation of hazardous samples
> Eppendorf QuickLock® lid takes repetitive stress off your wrist
> PTFE coating for increased chemical resistance

> **Rotor FA-45-24-11-Kit**
> Max. speed: 19,090 × *g* (13,200 rpm)
> Rotor with higher edge for safe centrifugation of up to 24 spin columns
> Aerosol-tight for safe centrifugation of hazardous samples
> Eppendorf QuickLock® lid takes repetitive stress off your wrist

Rotor F-45-30-11
> Max. speed: 20,817 × *g* (14,000 rpm)
> Max. capacity: 30 × 1.5/2.0 mL tubes
> PTFE coating for increased chemical resistance

Rotor FA-45-24-11-HS
> Max.speed: 30,130 × *g* (17,500 rpm)
> Max. capacity: 24 × 1.5/2.0 mL tubes
> Extremely fast separation results
> Aerosol-tight for safe centrifugation of hazardous samples
> Eppendorf QuickLock® lid takes repetitive stress off your wrist
> PTFE coating for increased chemical resistance

Rotor F-35-6-30
> Max. speed: 7,745 × *g* (7,830 rpm)
> Rotor for 6 × 15/50 mL conical or 12 × BD Vacutainer® tubes

Rotor A-2-MTP
> Max. speed: 2,204 × *g* (4,680 rpm)
> 2-place swing-bucket rotor for MTP, PCR and Deepwell Plates (max. height = 29 mm)
> Windshield design for quiet operation

Rotor F-45-64-5-PCR
> Max. speed: 13,543 × *g* (11,800 rpm)
> PCR strip rotor for up to 64 × 0.2 mL PCR tubes

Rotor F-45-18-17-Cryo
> Max. speed: 8,324 × *g* (8,900 rpm)
> 18-place rotor for Cryovial® tubes

Rotors for Centrifuge 5430/5430 R

Ordering information

Description	Order no.
Rotor FA-45-16-17, aerosol-tight, incl. rotor lid, for 16 × Eppendorf Tubes® 5.0 mL	5427 750 002
Rotor FA-45-48-11, aerosol-tight, incl. rotor lid	5427 754 008
Rotor F-45-48-11, incl. rotor lid	5427 755 004
Rotor S-24-11-AT, aerosol-tight, incl. rotor lid	5427 757 007
Rotor FA-45-30-11, aerosol-tight, incl. rotor lid	5427 753 001
Rotor FA-45-24-11-Kit, aerosol-tight, incl. rotor lid	5427 752 005
Rotor F-45-30-11, incl. rotor lid	5427 712 003
Rotor FA-45-24-11-HS, aerosol-tight, incl. rotor lid	5427 710 000
Rotor F-35-6-30, incl. rotor lid, with 6 adapters each for 15 mL/50 mL conical tubes	5427 716 009
Rotor A-2-MTP, incl. wind shield and rotor lid, with 2 buckets	5427 700 005
Rotor F-45-64-5-PCR, incl. rotor lid and adapters	5427 714 006
Rotor F-45-18-17-Cryo, incl. rotor lid and Cryovial® adapters	5427 705 007
Adapter, for 1 tube 0.5 mL or BD 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 cryo containers (max. Ø 13 mm) or lidded centrifugation tubes (Ø 12.2 mm), max. length 50 mm, for Rotor F-45-18-17-Cryo, set of 6 pcs.	5702 752 002
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
Adapter, for 1 HPLC vessel 1.5 mL, for Rotor F-45-18-17-Cryo	5427 708 006

Adapter options 6 x 15/50 mL conical tube rotor

Adapter	Rotor capacity[3]	Max. tube dimensions Ø x L	Max. RCF	For bore hole	Order no.[4]
13 mm round	12	13 × 65 – 89 mm	6,443 × g	small	5427 740 007
			6,100 × g	large	5427 742 000
13 mm round	12	13 × 90 – 110 mm	7,471 × g	small	5427 741 003
			7,129 × g	large	5427 743 006
16 mm round	12	16 × 75 – 105 mm	7,005 × g	small	5427 732 004
		16 × 90 – 105 mm	7,005 × g	large	5427 734 007
17 mm round	12	17 × 90 – 125 mm	7,745 × g	small	5427 735 003
			7,403 × g	large	5427 738 002
Eppendorf Tubes® 5.0 mL		17.5 × 80 mm	6,237 × g	small	5427 746 005
		17.5 × 80 mm	7,129 × g	large	5427 747 001
15 mL conical	6	17.5 × 100 – 125 mm	7,540 × g	small	5427 726 004
30 mL round	6	26 × 92 – 112 mm	7,087 × g	large	5427 736 000
50 mL round	6	29 × 95 – 125 mm	7,581 × g	large	5427 737 006
50 mL conical	6 [1] [2]	29.5 × 100 – 125 mm	7,197 × g	large	5427 727 000
Centriprep®	6	29.5 × 100 – 125 mm	7,567 × g	large	5427 723 005

[1] Three sets of 2 included within 6 x 15/50 mL rotor package. [2] Adapter accommodates skirted 50 mL conical tubes. [3] Please perform a manual test to determine the actual loading capacity. [4] Set of 2

Eppendorf Microcentrifuges

Model	**MiniSpin®/MiniSpin® plus**	**5418 R**	**5420**
Description	Space saving 12-place mini-centrifuge for quick spin downs even in the smallest workstation, non-refrigerated	Compact refrigerated 18-place microcentrifuge for temperature sensitive samples	Small footprint 24-place microcentrifuge for molecular biology routine applications, non-refrigerated
Max. capacity	12 × 1.5/2.0 mL	18 × 1.5/2.0 mL	24 × 1.5/2.0 mL
Max. RCF	12,100 × *g*/14,100 × *g*	16,873 × *g*	21,300 × *g*
Max. speed	13,400 rpm/14,500 rpm	14,000 rpm	15,060 rpm
Rotors options	2	1	2
Temperature control range		0 °C to 40 °C	
Dimensions (W × D × H)	22.5 × 23.0 × 13.0 cm / 8.86 × 9.06 × 5.12 in	30 × 46 × 25 cm / 11.7 × 18.23 × 9.8 in	24 × 35 × 22 cm / 9.4 × 13.8 × 8.7 in
Height (with open lid)	25 cm / 9.8 in	52 cm / 20.5 in	44 cm / 17.3 in
Weight w/o accessories	3.7 kg / 8.1 lbs	22 kg / 48.5 lbs	13 kg / 28.7 lbs
Max. power consumption	70 W/85 W	320 W	290 W
Tube/plate/bottle capacity			
1.5/2.0 mL Eppendorf Tubes®	12	18	24
Eppendorf Tubes® 5.0 mL	–	–	–
8-place PCR strips	2	–	4
15 mL conical tubes	–	–	–
25 mL conical tubes	–	–	–
50 mL conical tubes	–	–	–
13 mm round-bottom and blood collection tubes	–	–	–
16 mm round-bottom and blood collection tubes	–	–	–
17.5 mm round-bottom and blood collection tubes	–	–	–
PCR plates/MTP	–	–	–
Deepwell plates (DWP)	–	–	–

5425/5425 R	**5427 R**	**5430/5430 R**
Whisper quiet 24-place standard microcentrifuge with outstanding feature set for broad range of applications, refrigerated for temperature-sensitive samples or non-refrigerated	High-throughput 48-place microcentrifuge, refrigerated (green cooling liquid (R290)) for temperature sensitive samples	Crossover microcentrifuge with multipurpose versatility and 12 rotor options including rotor for 15 and 50 mL conical tubes, 30-place high speed rotor and swing-bucket rotor for MTPs or DWPs, refrigerated for temperature-sensitive samples or non-refrigerated
10 × 5.0 mL	48 × 1.5/2.0 mL	48 × 1.5/2.0 mL, 6 × 50 mL, 2 × MTP
21,300 × *g*	25,001 × *g*	30,130 × *g*
15,060 rpm	16,220 rpm	17,500 rpm
6	9	12
-10 °C to 40 °C	-11 °C to 40 °C	-11 °C to 40 °C
24 × 39 × 24 cm / 9.5 × 15.4 × 9.5 in/ 29 × 48 × 26 cm / 11.42 × 18.9 × 10.24 in	31.9 × 54.0 × 25.4 cm / 12.6 × 21.3 × 10 in	34 × 42 × 25 cm / 11.2 × 16.3 × 9.8 in 38 × 64 × 29 cm / 15 × 25.2 × 11.7 in
48 cm/50.8 cm	56 cm / 21.9 in	56 cm / 21.8 in, 63 cm / 24.8 in
15.6 kg/21.0 kg	30 kg	29 kg / 63.9 lbs, 56 kg / 123.5 lbs
280 W/360 W	495 W	475 W/1,050 W
24	48	48
10	12	16
12	6	8
–	–	6
–	–	6
–	–	6
–	–	12
–	–	12
–	–	12
1 (divisible)	–	2
–	–	2

Start Separation at Ease

Discover the now complete centrifuge range from Eppendorf

www.eppendorf.com/centrifugation

For ordering information, please check our local website or contact your local sales representative.

www.eppendorf.com/centrifugation

Your local distributor: www.eppendorf.com/contact
Eppendorf SE · Barkhausenweg 1 · 22339 Hamburg · Germany
eppendorf@eppendorf.com · www.eppendorf.com

www.eppendorf.com/centrifugation

Centriprep® is a registered trademark of Merck KGaA, Cryovial® is a registered trademarkof Simport Scientific, Inc, Canada, BD Microtainer® and BD Vacutainer® are a registered trademarks of Becton Dickinson and Company, USA. Eppendorf®, the Eppendorf Brand Design, Combitips®, Combitips® advanced, Eppendorf Combitips®, Easypet®, Eppendorf Xplorer®, Multipette®, Eppendorf Kit rotor®, OptiBowl®, Eppendorf QuickLock®, Eppendorf Safe-Lock®, Eppendorf Tubes®, ep*Motion*® and MiniSpin® are registered trademarks of Eppendorf SE, Germany.
U.S. Design Patents are listed on www.eppendorf.com/ip. All rights reserved, including graphics and images · Order no. AA01 002 520/APA-GLP/EN3/PDF/0223/MCP · Copyright © 2023 by Eppendorf SE.