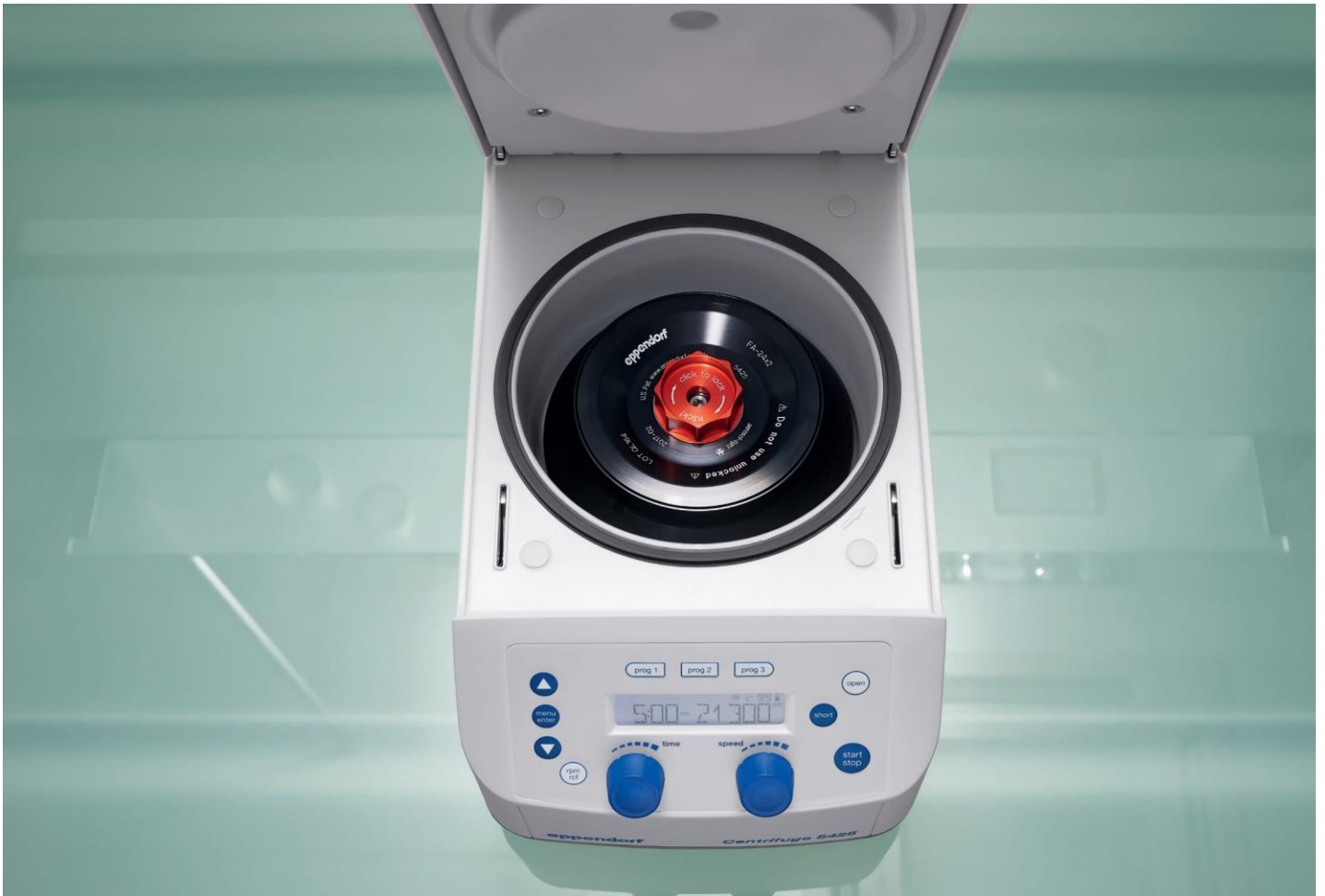




Your Daily Companions

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 $\frac{1}{4}$ 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.

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	*

Rotors for Centrifuge 5430/5430 R



Rotor FA-45-48-11

- > Max. speed: $18,210 \times g$ (12,700 rpm)
- > Max. capacity: $48 \times 1.5/2.0$ 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: $18,210 \times g$ (12,700 rpm)
- > Max. capacity: $48 \times 1.5/2.0$ mL tubes



Rotor S-24-11-AT

- > Max. speed: $16,049 \times g$ (12,700 rpm)
- > Swing-bucket rotor for $24 \times 1.5/2.0$ 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: $21,191 \times g$ (14,200 rpm)
- > Max. capacity: $16 \times$ 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 ($8 \times$) of the places in the rotor



Rotor FA-45-30-11

- > Max. speed: $20,817 \times g$ (14,000 rpm)
- > Max. capacity: $30 \times 1.5/2.0$ 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: $19,090 \times g$ (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: $20,817 \times g$ (14,000 rpm)
- > Max. capacity: $30 \times 1.5/2.0$ mL tubes
- > PTFE coating for increased chemical resistance



Rotor FA-45-24-11-HS

- > Max. speed: $30,130 \times g$ (17,500 rpm)
- > Max. capacity: $24 \times 1.5/2.0$ 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: $7,745 \times g$ (7,830 rpm)
- > Rotor for $6 \times 15/50$ mL conical or $12 \times$ BD Vacutainer® tubes



Rotor A-2-MTP

- > Max. speed: $2,204 \times g$ (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: $13,543 \times g$ (11,800 rpm)
- > PCR strip rotor for up to 64×0.2 mL PCR tubes



Rotor F-45-18-17-Cryo

- > Max. speed: $8,324 \times g$ (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 × 15/50 mL conical tube rotor

Adapter	Rotor capacity ³⁾	Max. tube dimensions Ø × 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
			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
			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 × 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