

EU-IVD Product



My Lab. My Centrifuge.

The new Centrifuge 5425: True improvement – lasting investment

A Trusted Friend.

The new Eppendorf Centrifuge 5425 is the successor of the popular »lab standard« Centrifuge 5424. It has everything you loved before, but also comes with great improvements for your continued success.

Designed to serve common standard applications, this microcentrifuge is an essential piece of equipment for modern labs to ensure optimal separation. It functions as a reliable partner, especially for high-throughput users expecting a top level of ergonomic comfort and provides great flexibility with its 6 rotor options.

In addition, the Centrifuge 5425 offers:

- > Faster acceleration and deceleration (10 acceleration and braking ramps)
- > Lower noise level for quiet work environment
- > Slim footprint to take only as much lab space as needed
- > Lower loading height for comfortable inserting the rotor and/or the samples



Centrifuge Profile

Centrifuge 5425

Basic parameters

- > Max. RCF: 21,330 × g
- > Max. capacity: 24 × 2.0 mL
- > Available rotors: 6

- > Soft touch one-finger closure for ergonomic operation



- > OptiBowl®: Whisper quiet operation due to optimized sound design
- > Rotor chamber made of stainless steel
- > Easy to read display and user-friendly menu
- > Available with knobs and keypad: Quick setting of parameters or easy cleaning of keys

* The Centrifuge 5425 is designed for separating liquid substance mixtures with different densities, in particular, for processing and analyzing samples from the human body in in-vitro diagnostic applications to ensure that the in-vitro diagnostic device can be used according to its intended purpose. This centrifuge including components is an in-vitro diagnostic device according to Directive 98/79/EC of the European Parliament and the Council dated October 27, 1998.

New Features

New software features:

- > Time elapsed since last run will be shown
- > 3 program buttons for direct access to frequently used settings
- > Improved short function (without continuous pressing of the key)



New rotor lid opening/closing mechanism:

- > Eppendorf QuickLock® technology for ergonomic lid locking
- > Closes with only a ¼ turn
- > Saves time and takes repetitive stress off your wrist



New rotors:

- > New 10-place aerosol tight 5.0 mL rotor; fits both screw and snap lid tubes
- > New swing-bucket rotor for PCR strips to enhance your throughput



Comprehensive Range of Rotors



Aerosol-tight Eppendorf QuickLock® rotor for 24 × 1.5/2.0 mL tubes
spins up to 21,330 × *g*/15,060 rpm
(FA-24 × 2)



Aerosol-tight Eppendorf QuickLock® rotor for 24 × 1.5/2.0 mL tubes
spins up to 21,330 × *g*/15,060 rpm;
PTFE-coated for increased chemical
resistance and easy cleaning
(FA-24 × 2-PTFE)



Aerosol-tight Eppendorf QuickLock® rotor for 10 × 5.0 mL tubes *
spins up to 21,330 × *g*/15,060 rpm;
accommodates adapters to hold
1.5/2 ml, HLPC, and Cryo tubes
(FA-10 × 5)



Aerosol-tight Eppendorf QuickLock® rotor for 18 × spin columns and 1.5/2.0 mL tubes
designed with an extra high rim
to support open tube lids during
centrifugation; spins up to 18,565 × *g*/
15,060 rpm (FA-18 × 2-Kit)



**4 × PCR strip rotor for 4 × 8
PCR strips or 32 × PCR tubes
with 0.2 mL**
spins up to 18,134 × *g*/15,060 rpm
(F-32 × 0.2-PCR)



**PCR Swing-bucket rotor for
12 × 8 PCR strips 0.1/0.2 mL or
4 × ¼ twin.tec PCR plate 96,
unskirted divisible or 96 × PCR
tubes with 0.2 mL**
spins up to 3,217 × *g*/6,000 rpm
(S-96 × 0.2-PCR)

* Fits both Eppendorf screw cap and snap cap tubes.

Eppendorf Centrifuge 5425

Ordering information

Description	Order no.
Centrifuge 5425, keypad, without rotor	5405 000.212 (Int., 230 V)
Centrifuge 5425, knob, without rotor	5405 000.611 (Int., 230 V)
Centrifuge 5425, keypad, with rotor FA-24x2	5405 000.018 (Int., 230 V)
Centrifuge 5425, knob, with rotor FA-24x2	5405 000.417 (Int., 230 V)

Ordering information

Description	Order no.
Rotor FA-24x2	5495 500.006
Rotor FA-24x2-PTFE	5495 503.005
Rotor FA-10x5	5495 505.008
Rotor FA-18x2-Kit	5495 508.007
Rotor F-32x0.2-PCR	5495 510.001
Rotor S-96x0.2-PCR	5495 512.004



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