

EU-IVD Product



Just Spin

Centrifuge 5420 – designed with your molecular biology routine applications in mind

This 24-place centrifuge was designed for everyday lab work. The spectrum of methods includes DNA/ RNA purification, DNA extraction from agarose gels and PCR reaction set-up. Centrifuge 5420 has a particularly small footprint to save space on the lab bench and an easy to clean keypad control panel.

You can spin up to 24 tubes from 1.5 to 2.0 mL. Optional adapters extend the volume range to 0.4 and 0.5 mL tubes as well as 0.6 mL BD Microtainer®. A rotor for 32 PCR tubes (0.2 mL) or four PCR strips is available as well.

Features and benefits

- > Automatic lid opening at the end of the run to prevent sample warming and to allow easy access to samples
- > One push short-spin key for quick centrifugation – no need to hold key all the while
- > Standard rotor provides aerosol-tight containment for the centrifugation of hazardous samples
- > Outstanding software features with menu control including 3 program buttons for your most commonly used setting
- > Particularly small footprint to save precious space on the lab bench



Specifications

- > Max. RCF: 21,300 × g
- > Max. speed: 15,060 rpm
- > Max. capacity: 24 × 1.5/2.0 mL
- > Rotors option: 2 (low weight aluminum)
 - Rotor FA-24x2: 24 × 1.5/2.0 mL tubes (aerosol-tight)
 - Rotor F-32x0.2-PCR: 32 × PCR tubes (0.2 mL) or 4 × PCR strips
- > SOFT brake function: 10 ramps
- > Noise level: < 56 dB(A) with Rotor FA-24x2
- > Dimensions (W × D × H): 24 × 35 × 22 cm
- > Weight w/o accessories: 13 kg

* The Centrifuge 5420 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.



Centrifuge 5420 offers two rotor options: A 24-place standard rotor for up to 24 × 1.5 or 2.0 mL tubes and a PCR-tube rotor for 4 × PCR strip or 32 × PCR tubes (0.2 mL).

Ordering Information

Centrifuges

	Order no.
Centrifuge 5420 , non-refrigerated, without rotor, keypad, 230 V/50–60 Hz	5420 000 210
Centrifuge 5420 , non-refrigerated, with aerosol-tight Rotor FA-24x2, keypad, 230 V/50–60 Hz	5420 000 016

Rotors & Adapters

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 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 tube 0.4 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 717 008