



Centrifuge 5427 R

High-throughput refrigerated microcentrifuge

Centrifuge 5427 R was designed with high-throughput applications in mind. With its aerosol-tight 48-place rotor it handles even the toughest challenges in a safe and reliable manner to provide you the efficiency boost you need. All aerosol-tight rotors, including the new rotors for Eppendorf Tubes® 5.0 mL as well as the 24 × 1.5/2.0 mL swing-bucket rotor, are equipped with Eppendorf QuickLock lids for easy rotor lid opening and closing.

Choose the Centrifuge 5427 R if a 24-place microcentrifuge (e.g., Centrifuge 5424 R) doesn't meet your needs regarding tube capacity and if you don't need the extra versatility our cross-over Centrifuge 5430 R can offer you.

Product features

- > Capacity: 48 × 1.5/2.0 mL, 12 × 5.0 mL
- > Speed up to 25,000 × g (16,220 rpm)
- > High-capacity 48-place rotor
- > Aerosol-tight Eppendorf QuickLock rotor lids allow for fast and ergonomic lid locking.
- > Whisper quiet operation due to optimized sound design
- > Soft-touch one-finger closure for ergonomic operation
- > Temperature range from -10°C to 40°C
- > FastTemp program optimized for fast 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 (see page 5 for more details)



> Watch video clips of Centrifuge 5427 R on our dedicated website for



Rotor for 48 × 1.5/2.0 mL tubes provides speed up to 18,210 × *g*/12,700 rpm (FA-45-48-11*; Order no. 5409 710.001). Also available with basic plastic lid (F-45-48-11; Order no. 5409 712.004).



Rotor for 30 × 1.5/2.0 mL tubes provides speed up to 20,800 × *g*/14,000 rpm (FA-45-30-11*; Order no. 5409 706.004). Also available with basic plastic lid (F-45-30-11; Order no. 5409 708.007).



Rotor for 24 × 1.5/2.0 mL tubes provides speed up to 25,000 × *g*/16,220 rpm (FA-45-24-11*; Order no. 5409 702.009).



Swing-bucket rotor for 24 × 1.5/2.0 mL tubes spins up to 16,050 × *g*/12,700 rpm. Swing-bucket design is ideal for phase separation (S-24-11-AT*; Order no. 5409 715.003).



Eppendorf Kit rotor for 24 × spin columns and 1.5/2.0 mL tubes. Designed with an extra high rim to support open tube lids during centrifugation. Spins at max. 19,100 × *g*/13,200 rpm (FA-45-24-11-Kit*; Order no. 5409 704.001).



6 × PCR strip rotor with speed up to 11,710 × *g*/10,500 rpm (F-45-48-5-PCR; Order no. 5409 714.007).



Rotor for 12 × 5.0 mL Eppendorf Tubes provides speed up to 20,600 × *g*/14,000 rpm (FA-45-12-17*; Order no. 5409 700.006). Adapters for smaller tubes available:
> 1.5/2.0 mL, pk/4 (Order no. 5820 768.002)
> Cryogenic tubes, pk/4 (Order no. 5820 769.009)

Ordering information

Description	Order no.
Centrifuge 5427 R	
with 48 × 1.5/2.0 mL aerosol-tight QuickLock rotor	5409 000.210
with 30 × 1.5/2.0 mL aerosol-tight QuickLock rotor	5409 000.530
with 12 × 5.0 mL aerosol-tight QuickLock rotor	5409 000.630
without rotor	5409 000.012
Adapter for all 1.5/2.0 mL microcentrifuge rotors	
Adapter for 0.2 mL PCR tubes (set of 6)	5425 715.005
Adapter for 0.4 mL tubes (set of 6)	5425 717.008
Adapter for 0.5 mL tubes and 0.6 mL Microtainer® (set of 6)	5425 716.001

All listed models are 230 V/50–60 Hz.