



Centrifuge 5427 R

High-throughput refrigerated microcentrifuge

Centrifuge 5427 R was designed with high-throughput research 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 5.0 mL Eppendorf tubes as well as the 24 x 1.5/2 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., our 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 x 1.5/2.0 mL, 12 x 5.0 mL
- > Speed up to 25,000 x *g* (16,220 rpm)
- > High-capacity 48-place rotor significantly increases productivity to save you valuable time
- > 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)
- > Built-in condensation drain to eliminate water accumulation



> Watch video clips of Centrifuge 5427 R on our dedicated website for mobile devices or www.eppendorf.com/centrifugation



Aerosol-tight Eppendorf QuickLock rotor for 48 x 1.5/2.0 mL tubes provides speed up to 18,210 x *g*/12,700 rpm (FA-45-48-11; Catalog No. 5409710001).

Also available with basic plastic lid (F-45-48-11; Catalog No. 5409712004).



Aerosol-tight Eppendorf QuickLock rotor for 30 x 1.5/2.0 mL tubes provides speed up to 20,800 x *g*/14,000 rpm (FA-45-30-11; Catalog No. 5409706004).

Also available with basic plastic lid (F-45-30-11; Catalog No. 5409708007).



Aerosol-tight Eppendorf QuickLock rotor for 24 x 1.5/2.0 mL tubes provides speed up to 25,000 x *g*/16,220 rpm (FA-45-24-11; Catalog No. 5409702009).



Aerosol-tight Eppendorf QuickLock swing-bucket rotor for 24 x 1.5/2.0 mL tubes spins up to 16,050 x *g*/12,700 rpm. Swing-bucket design is ideal for phase separation or to collect pellets at the bottom of the tube (S-24-11-AT; Cat. No. 5409715003).



Aerosol-tight Eppendorf QuickLock Kit rotor for 24 x 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 x *g*/13,200 rpm (FA-45-24-11-Kit; Catalog No. 5409704001).



6 x PCR strip rotor with speed up to 11,710 x *g*/10,500 rpm (F-45-48-5-PCR; Catalog No. 5409714007).



Aerosol-tight QuickLock rotor for 12 x 5.0 mL Eppendorf tubes provides speed up to 20,600 x *g*/14,000 rpm (FA-45-12-17; Catalog No. 5409700006).

Adapters for smaller tubes available:

- > 1.5/2.0 mL, pk/4 – Catalog No. 5820768002
- > Cryotubes, pk/4 – Catalog No. 5820769009
- > HPLC vials, pk/4 – Catalog No. 5820770007

Ordering information

Description	Catalog No.
Centrifuge 5427 R	
with 48 x 1.5/2.0 mL aerosol-tight QuickLock rotor, 120 V	022620700
with 30 x 1.5/2.0 mL aerosol-tight QuickLock rotor, 120 V	022620701
with 24 x 1.5/2.0 mL aerosol-tight QuickLock rotor, 120 V	022620702
with 24 x 1.5/2.0 mL swing-bucket aerosol-tight QuickLock rotor, 120 V	022620703
with 12 x 5.0 mL aerosol-tight QuickLock rotor, 120 V	022620704
without rotor, 120 V	5409000136

All listed models are 120 V/50–60 Hz. Please inquire for 230 V/50–60 Hz versions.