

Microcentrifuge 5415 R



Product features

- Easy-to-use controls
- Compact footprint fits on a crowded bench or in a cold room
- 24-place capacity
- Brushless motor provides maintenance-free operation
- Motorized lid latch
- Spins up to 13,200 rpm; 16,100 x g
- Quick acceleration and deceleration
- Temperature setting range from 0 °C to 40 °C
- Maintains 4 °C at maximum speed
- Standby cooling
- Fast Cool: from room temperature to 4 °C in max. 16 minutes
- Quiet operation (<60 dB)
- Adjustable-speed Short Spin button is ideal for quick spins
- Accepts three interchangeable rotors
- Meets international safety standards for centrifuges (IEC 1010-2-020)
- Two-year warranty



- Easy-to-use control knobs plus a clear, easy-to-read digital display of time and speed with setting in rpm or rcf

Technical specifications

Description	Centrifuge 5415 R
Maximum rcf	16,100 x g
Maximum speed	13,200 rpm
Acceleration time to max. speed	≤13 s
Braking time from max. speed	≤12 s
Timer	30 s to 99 min, with continuous mode
Temperature control range	0–40 °C
Weight, without rotor	21.2 kg
Power supply	230 V/50 Hz
Max. power requirement	300 W
Dimensions (W x D x H)	29 x 45 x 23 cm



Description

Microcentrifuge 5415 R is an ideal workhorse for the lab. It features easy-to-use control knobs and a digital display of time and speed. Speed can be displayed in rpm or g-force, which saves you the time of performing tedious calculations and improves reproducibility. A separate, adjustable-speed Short Spin button provides easy, quick spins. The timer can be set to 99 minutes or continuous runs.

As the smallest and very silent refrigerated microcentrifuge on the market, its compact cooling system and Fast Cool function quickly cools the chamber to 4 °C (set temperature) in just 16 minutes. It can maintain 4 °C, even at maximum speed—eliminating those countless trips to the cold room. Standby cooling also maintains chamber temperature when the centrifuge is not in use.



Ordering information

Description	Order no.
Centrifuge 5415 R, 230 V/50 Hz, refrigerated, without rotor	5426 000.018



Ordering information for other voltage options can be found in the appendix on page 304.

Interchangeable rotors for Microcentrifuge 5415 D and 5415 R

Product features of rotor F-45-24-11

- Capacity: 24 x 1.5/2.0 ml tubes
- Max. rcf: 16,100 x g
- Autoclavable (121°C, 20 minutes)
- Adapter for 0.4 ml microcentrifuge tubes, Adapter for 0.5 ml microcentrifuge tubes and 0.6 ml Microtainer®



Product features of rotor FA-45-24-11

- Capacity: 24 x 1.5/2.0 ml tubes
- Max. rcf: 16,110 x g
- Autoclavable (121°C, 20 minutes)
- Rotor FA-45-24-11 certified aerosol-tight
- Adapter for 0.4 ml microcentrifuge tubes, Adapter for 0.5 ml microcentrifuge tubes and 0.6 ml Microtainer®

Product features of rotor F-45-36-8

- Capacity: 36 x 0.5 ml tubes
- Max. rcf: 16,000 x g
- Autoclavable (121°C, 20 minutes)
- Optional: adapter for 0.2 ml PCR tubes



Ordering information

Description	Order no.
Rotor F-45-24-11	
24 x 1.5 ml/2.0 ml fixed-angle rotor, with polypropylene snap-on lid	5425 725.000
Snap-on polypropylene rotor lid*1 for 24 x 1.5 ml/2.0 ml standard fixed-angle rotor	5425 701.004
Rotor FA-45-24-11	
for 24 x 1.5 ml/2.0 ml tubes, aerosol-tight*2 rotor, with metal lid	5425 737.009
Rotor lid (aluminium), aerosol-tight*2	5425 740.000
Rotor F-45-36-8	
36 x 0.5 ml fixed-angle rotor, with polypropylene snap-on lid	5425 730.004
Snap-on polypropylene rotor lid*1 For 36 x 0.5 ml fixed-angle rotor	5425 733.003
Adapter	
for 0.5 ml or 0.6 ml Microtainer® tubes, set of 6	5425 716.001
for 0.2 ml PCR tubes, set of 6	5425 715.005
for 0.4 ml tubes, set of 6	5425 717.008
for 0.2 ml PCR tubes, for use in 36 x 0.5 ml rotor, set of 6	5425 723.008

*1 Lids are no longer interchangeable.

*2 Aerosol-tightness of lid tested by the Centre for Applied Microbiology & Research, Porton Down, CAMR, Great Britain.

