

The legend lives on – now as cool as you like!

Centrifuges 5415D and 5415R

Product features of Centrifuges 5415 D/5415 R

- Small and quiet
- Dials and a digital display
- rpm/rcf setting as required
- Separate short-spin key
- Max. rcf: 16,110 x g
- Maintenance-free drive
- Space-saving design
- 24-position standard rotor for 1.5/2.0 ml tubes (adapters available for 0.2 ml, 0.4 ml, 0.5 ml and 0.6 ml tubes); autoclavable; also available with an aerosol-tight lid*
- 36-position special rotor for 0.5 ml tubes (adapters available for 0.2 ml tubes)

Product features of Centrifuge 5415 R

- Temperature setting range from 0°C to 40°C
- Temperature of 4°C maintained exactly, even at maximum speed
- Stand-by cooling
- Fast Cool: from room temperature to 4°C in max. 16 minutes
- Motorized lid latch

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

Centrifugation and Eppendorf: The stuff that legends are made of. And one such legend in the making is the new Centrifuge **5415 D**, the logical successor to the classic 5415 C, the unrivalled model of longevity and ease of use in laboratories, clinics and research institutes throughout the world.

A new chapter has now been added to the legend, in the form of the refrigerated Centrifuge **5415 R**. This model combines inimitable quality with the vast experience of the world's number one manufacturer of refrigerated microcentrifuges to produce the smallest and quietest microcentrifuge of its class. In short, a standard-setting product, just as one would expect from Eppendorf.



Centrifuges 5415 D and 5415 R

Centrifuge 5415 R has the same user friendliness and all the tried and tested technical features of the non-refrigerated 5415 D, including the indestructible maintenance-free drive, which requires only 13 seconds to bring the rotor to the maximum speed of 13,200 rpm (max. rcf: 16,110 x g). The rotor runs so smoothly that particles that have already been centrifuged are not subject to any unwanted vibrations.

Centrifuge 5415 R enables rapid and reliable refrigerated centrifugation in a temperature range between 0 °C and 40 °C. Temperature-sensitive samples are maintained safely at 4 °C, even at maximum speed. In the Standby mode, the centrifuge then can then be set to the desired temperature. With the aid of the Fast Cool function, an almost chilly 4 °C can be attained within a mere 16 minutes. One undisputed innovation on Centrifuge 5415 R is the new motorized lid latch. Two built-in gripper arms move the newly designed lid to its final position automatically.

It goes without saying that Centrifuge 5415 R also offers the unmistakable comfort features of an Eppendorf product, such as the separate short-spin key for reducing run times immediately. As per 5415 D, the easy-to-follow digital display shows all significant setting parameters at a glance. By simply turning the familiar dials – a classic in their own right – the speed and run time can be set quickly and easily. Further, pressing in the right-hand dial enables you to switch the display from rpm to rcf as required.

Both centrifuges can be operated using the same 24-position standard rotor for 1.5 ml and 2.0 ml tubes or with the 36-position special rotor for 0.5 ml tubes. The applicational spectrum is further expanded by the optional aerosol-tight lid for the standard rotor.

Eppendorf Centrifuges 5415 D and 5415 R:
Tomorrow's classics – today!



- Simple operation at a flick of your wrist: Run time and speed are set using the two dials, with the current settings appearing in the easy-to-follow display

Product features of standard rotor F-45-24-11

- Capacity: 24 x 1.5/2.0 ml tubes
- Max. rcf: 16,110 x g
- Autoclavable (121 °C, 20 minutes)
- Optional: aerosol-tight lid*; adapter for 0.2 ml PCR tubes, adapter for 0.4 ml microcentrifuge tubes, adapter for 0.5 ml microcentrifuge tubes and 0.6 ml Microtainers®

Product features of special 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



Centrifuges 5415D and 5415R

Technical specifications

Power supply:	230 V/50 Hz
Max. rotational speed:	13,200 rpm (adjustable in increments of 200, upwards of 800 rpm)
Relative centrifugal force (rcf):	Max. 16,110 x g
Max. power requirement:	5415 D: 180 W 5415 R: 300 W
Acceleration time to max. speed:	≤13 s
Braking time from max. speed:	≤12 s
Dimensions in cm (W x D x H):	5415 D: 23 x 31 x 23 5415 R: 29 x 45 x 25
Weight, without rotor:	5415 D: 8.5 kg 5415 R: 21.2 kg

Ordering information

Article	Order no.
Centrifuge 5415 D , 230 V/50–60 Hz, incl. rotor	5425 000.219
Centrifuge 5415 D , 230 V/50–60 Hz, without rotor	5425 000.014
Centrifuge 5415 R , 230 V/50–60 Hz, without rotor	5426 000.018
Standard rotor F-45-24-11 , aluminum, 45° angle, 24 bores, for 1.5/2.0 ml microcentrifuge tubes with max. 11 mm Ø, complete with polypropylene lid	5425 725.000
Rotor lid (aluminum), aerosol-tight*, for F-45-24-11	5425 705.000
Adapter for 0.5 ml microcentrifuge tubes and 0.6 ml Microtainers®, for F-45-24-11; set of 6	5425 716.001
Adapter for 0.4 ml microcentrifuge tubes, for F-45-24-11; set of 6	5425 717.008
Adapter for 0.2 ml microcentrifuge tubes, for F-45-24-11; set of 6	5425 715.005
Special rotor F-45-36-8 , aluminum, 45° angle, 36 bores, for 0.5 ml microcentrifuge tubes with max. 8 mm Ø, complete with polypropylene lid	5425 730.004
Adapter for 0.2 ml PCR tubes, for special rotor F-45-36-8; set of 6	5425 723.008

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

