



The legend still lives on —
now as cool as you like!

eppendorf

With or without refrigeration – the right choice is always 5415

Centrifuges 5415 D and 5415 R

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.

Centrifuge 5415 R has the same user friendliness and all the tried and tested technical features of the non-refrigerated 5415 D, including the almost indestructible maintenance-free drive, which requires only 13 seconds to accelerate to the maximum speed of 13,200 rpm (max. rcf: 16,000 x g).

Product features of Centrifuges 5415D/5415 R

- Small and quiet
- Dials and a digital display
- rpm/rcf setting as required
- Separate short-spin key
- Max. rcf: 16,100 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 aluminium lid*
- 36-position special rotor for 0.5 ml tubes (adapters available for 0.2 ml tubes)

Additional 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

The rotor runs so smoothly that particles that have already been pelleted are not unintentionally resuspended.

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 stand-by mode, the centrifuge then can be set to the desired temperature. With the aid of the Fast Cool function, refreshing 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 close the newly designed lid automatically.



* Aerosol-tightness of lid tested by the Centre for Applied Microbiology & Research, Porton Down.
** The Polymerase Chain Reaction (PCR) is protected by patent held by Hoffmann-La Roche.

It goes without saying that Centrifuge 5415 R also offers the unmistakable special features of an Eppendorf product, such as the separate short-spin key for short run times. As with the 5415 D, the easy-to-follow digital display shows all significant parameter settings 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 aluminium lid for the standard rotor. This means that the aerosol-tight version can be autoclaved in its entirety for up to 2 h at 140 °C to eliminate even prion contamination.

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



Standard rotor F-45-24-11

- Capacity: 24 x 1.5/2.0 ml tubes
- Max. rotational speed: 13,200 rpm (max. rcf: 16,100 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 Microtainer®
- The rotor F-45-24-11 with aluminium lid can be autoclaved for 2 h at 140 °C to eliminate prion contamination.

Special rotor F-45-36-8

- Capacity: 36 x 0.5 ml tubes
- Max. rotational speed: 13,200 rpm (max. rcf: 16,000 x g)
- Autoclavable (121 °C, 20 minutes)
- Optional: adapter for 0.2 ml PCR** tubes



Rotors for Centrifuges 5415 D and 5415 R

<i>Rotor models and accessories</i>	<i>Max. rotational speed (rpm)</i>	<i>Max. rcf (x g)</i>	<i>Order no.</i>
F-45-24-11 (standard rotor)			
Fixed-angle rotor 24 x 1.5/2 ml incl. polypropylene lid	13,200	16,100	5425 725.000
Rotor lid (aluminium), aerosol-tight*, for F-45-24-11			5425 705.000
Adapter for PCR and reaction tubes			
Tube size	Diameter of adaptor bore (mm)		Order no. (set of 6 adapters)
0.2 ml PCR tubes	6		5425 715.005
0.4 ml centrifuge tubes	6		5425 717.008
0.5–0.6 ml reaction tubes and Microtainer®	8		5425 716.001
F-45-36-8 (special rotor)			
Fixed-angle rotor 36 x 0.5 ml	13,200	16,000	5425 730.004
Adapter for PCR and reaction tubes			
Tube size	Diameter of adaptor bore (mm)		Order no. (set of 6 adapters)
0.2 ml PCR tubes	6		5425 723.008

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

Centrifuges 5415 D and 5415 R

Technical Data				
Article	Centrifuge 5415 D		Centrifuge 5415 R	
Dimensions (W x D x H in cm):	23 x 31 x 23		29 x 45 x 45	
Weight (in kg):	8.5		21.2	
Max. power requirement:	180 W		300 W	
Power supply:	230 V/50 Hz		230 V/50 Hz	
Ordering information				
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
	Europe	England	Australia	Switzerland
Centrifuge 5415 D (without rotor)	5425 000.014	5425 000.065	5425 000.081	5425 000.073
Centrifuge 5415 D (incl. standard rotor)	5425 000.219	5425 000.260	5425 000.286	5425 000.278
Centrifuge 5415 R (without rotor)	5426 000.018	5426 000.069	5426 000.085	5426 000.077

The various power connection versions have the same power characteristics, they only differ in the connection cable supplied.

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In touch with life