



The Next Benchmark

The new refrigerated Centrifuge 5910 R



- > Dynamic compressor control delivers precise temperature performance to keep your samples safe
- > Swing-bucket rotor with universal buckets for spinning tubes or plates

Low access height for easy access to samples

Menu-operated display incl. 5 program keys for easy access to routine programs

Low noise level for a pleasant work environment

Compact footprint for flexible placement on the bench

The Next Benchmark in Centrifugation Technology

The new refrigerated Centrifuge 5910 R combines extraordinary versatility with high capacity in a compact and ergonomic product design. It shares the modern user interface and advanced technology of its bigger brother, the Centrifuge 5920 R, which lab users have come to love*.

*In 2017, the Centrifuge 5920 R was voted Best New General Lab Product by scientists around the world on SelectScience®.

Outstanding versatility for all your applications

- > Broad rotor and adapter selection to spin all commonly used tubes, bottles, and plates
- > Optimized for better performance in gradient applications
- > High capacity universal rotors for cell culture applications
- > High centrifugation speed up to $22,132 \times g$ (14,000 rpm) for applications from 0.2 to 750/1,000 mL and plates
- > Aerosol-tight rotors (e.g. for potentially hazardous materials) for both tubes and plates

Ergonomic operation

- > Low sound level to benefit your work environment
- > Low access height for easy loading/unloading
- > Centrifuge lid with soft-touch lid closure
- > Compact footprint saves valuable bench space
- > Eppendorf aerosol-tight QuickLock® caps and lids allow fast and ergonomic lid-locking

Advanced temperature management for maximum sample protection and energy efficiency

- > Temperature range from $-11\text{ }^{\circ}\text{C}$ to $40\text{ }^{\circ}\text{C}$
- > FastTemp function for quick pre-cooling
- > FastTemp pro® function allows for automatic precooling based on pre-programmable time and date
- > Standby cooling function holds temperature when centrifuge is not in use
- > ECO shut-off engages after 1, 2, 4, or 8 hours of non-use to reduce energy consumption and extend compressor life

Main rotors

Rotor S-4xUniversal

- > Max. capacity 64 x 15 mL, 36 x 50 mL, 120 x 13 mm, 104 x 16 mm, 20 x MTP, 8 x DWP
- > High capacity swing-bucket rotor with max. speed $4,347 \times g$ (4,500 rpm)
- > Universal rotor buckets for spinning tubes and plates
- > Universal adapters hold 15 or 50 mL conical tubes and plates
- > Perform cell culture and cell harvesting applications in tubes up to 750/1,000 mL

Benefit: No rotor bucket or adapter change needed.



Rotor S-4x400

- > High-capacity swing-bucket rotor with max. speed $5,234 \times g$ (5,100 rpm)
- > Aerosol-tight QuickLock caps for safe centrifugation of hazardous samples
- > Perform bacterial harvesting at higher speeds



Rotor FA-6x50

- > High speed fixed-angle rotor with max. speed $20,130 \times g$ (12,100 rpm)
- > Aerosol-tight QuickLock rotor lid allows fast and ergonomic lid-locking
- > Perform DNA, RNA, or protein purification in tubes up to 50 mL conical



Ordering Information

Technical specifications

Description	
Max. rcf	
> Fixed-angle rotor	22,132 × <i>g</i>
> Swing-bucket rotor	5,263 × <i>g</i> (Rotor S-4x400)
Speed	100 – 14,000 rpm (in 10 rpm increments)
Max. capacity	4 × 750/1,000 mL / 4 × 2 DWP
Accel. / Braking ramps	10 / 10
Programs	99 (5 program keys)
Timer	10 s – 99 h 59 min, infinite
Temperature control range	–11 °C to 40 °C
Noise level	
> Rotor S-4xUniversal	< 53 dB(A)
> Rotor FA-6x50	< 58 dB(A)
Power supply	120 V/50–60 Hz
Max. power consumption	1,650 W
Dimensions (W × D × H, incl. front panel)	28.3 × 25.9 × 14.5 in / 72 × 66 × 37 cm
Footprint (dimensions w/o front panel, W × D)	28.3 × 24.4 in / 72 × 62 cm
Height with open lid	33.4 in / 85 cm
Weight without rotor	240 lb / 109 kg

Technical specifications subject to change. Errors and omissions excepted.

Ordering information

Description	Max. capacity of conical tubes per rotor	Catalog No.
Centrifuge 5910 R , 120 V/50 – 60 Hz		5942000130
Centrifuge 5910 R , with Rotor S-4xUniversal, incl. universal buckets and universal adapters for 5 mL/15 mL/50 mL conical tubes and plates	64 × 5 mL/64 × 15 mL/36 × 50 mL/ 2 × MTP/1 × DWP	5942000342
Centrifuge 5910 R , with Rotor S-4xUniversal, incl. universal buckets and universal adapters for 5 mL/15 mL/50 mL conical tubes, 175 mL – 250 mL bottles and plates	64 × 5 mL/64 × 15 mL/28 × 50 mL/ 4 × 250 mL/2 × MTP/1 × DWP	5942000245
Centrifuge 5910 R , with Rotor S-4x750, incl. round buckets and adapters for 15 mL/50 mL conical tubes	56 × 15 mL/28 × 50 mL	5942000547
Centrifuge 5910 R , with Rotor S-4x400, incl. round buckets and adapters for 15 mL/50 mL conical tubes	28 × 15 mL /16 × 50 mL	5942000741

For further information about swing-bucket and fixed-angle rotors, please contact your local Eppendorf organization.

Eppendorf North America, Inc.
Phone: 800-645-3050
Email: info@eppendorf.com

Eppendorf Canada Ltd.
Phone: 800-263-8715
Email: canada@eppendorf.com

www.eppendorf.com/next-benchmark