



Made For Your Workflows

Supporting you in every step –
high-speed refrigerated floorstanding Centrifuge CR22N.

Centrifuge CR22N – Your Everyday Solution

Whether your work requires harvesting of biomass in volumes of up to 6 L per run, pelleting of cells, subcellular organelles or larger viruses, or extraction, precipitation, concentration and purification of nucleic acids in up to 50 mL tubes, the Centrifuge CR22N is the optimal solution to support your everyday centrifugation tasks.



- > Speeds of up to 58,700 x *g* (fixed-angle) or 11,500 x *g* (swing-bucket) support applications in genomics, cell biology and proteomics
- > Unique 1.5 L triangular bottle for easy and time efficient harvesting of cell, yeast and bacterial cultures (up to 15,100 x *g*)
- > 4 different kits (rotor plus suitable consumables) tailored to your applications – choosing the right one is now easier than ever
- > Large touchscreen interface for fast and easy operation
- > User management and documentation function supports labs working in a GLP/GxP environment
- > Self-locking rotor system for increased safety and convenience

Unique 1.5 L Triangular Bottle – Spinning Made Easy



Gain great flexibility and save precious time with our innovative triangular bottles:

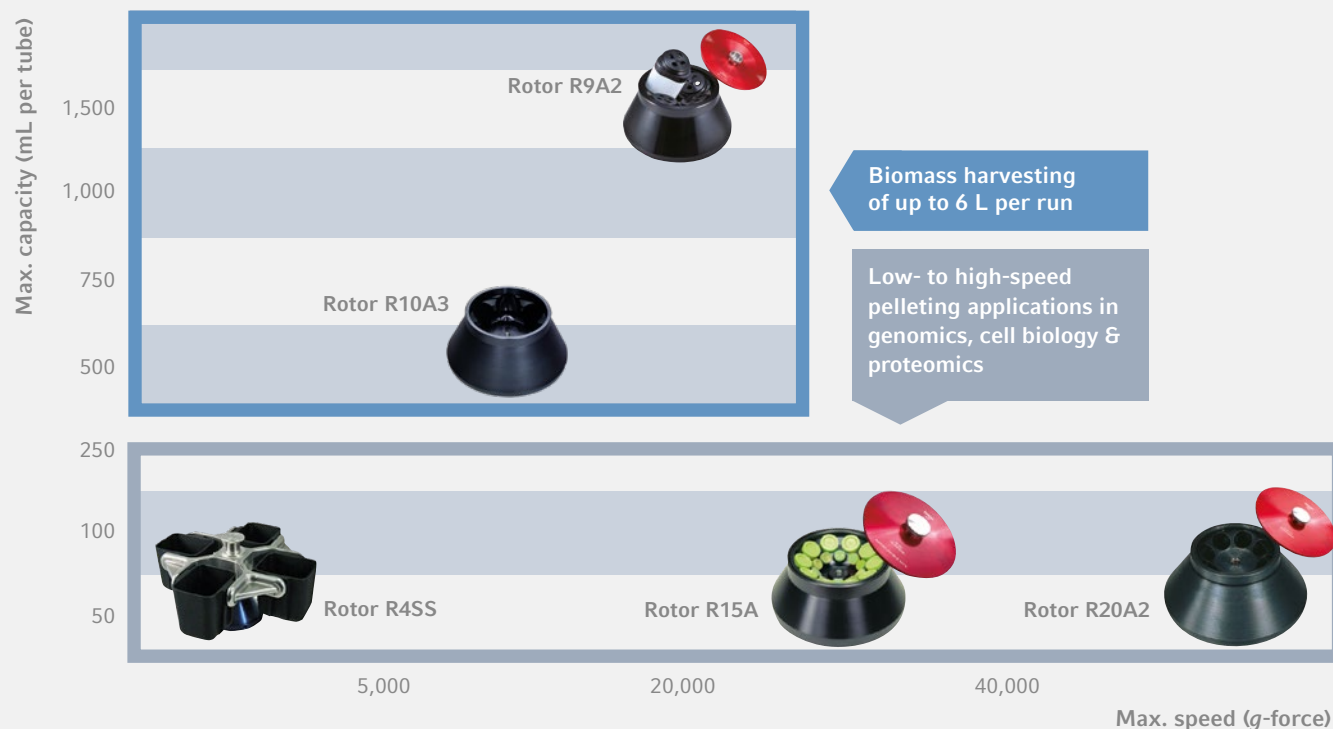
- > No minimum filling level. Spin samples between 0 – 1.5 L without worrying about bottle stability
- > Reduces handling steps during the separation process such as balancing, supernatant harvesting, pellet recovery and cleaning of bottles after the run

> Learn more about our rotor and consumable solutions, kits and bundles available for your lab applications.

[Click here](#)

Find the Right Rotor for Your Requirements

Rotors for Centrifuge CR22N



Technical specifications

Model	Centrifuge CR22N
Max. RCF	58,700 x g*
Max. speed	22,000 rpm
Speed range	300 – 22,000 rpm
Max. capacity	1.5 L x 4 (Rotor R9A2)
Acceleration/ Breaking ramps	9/9
Number of programs	30
Display	5.7 inch color touch-sensitive LCD panel
Timer	1 s to 99 min 59 s (in increments of 1 s), Hold function
Noise Level	64 dB(A) at 1 m front (at 22,000 rpm)
Power Supply	Single-phase, AC 200/208/220/230/ 240 V +/- 10%, 50/60 Hz, 30 A
Footprint (WxDxH)	700 x 760 x 915 mm / 27,5 x 30 x 36 in
Height (with open lid)	1,510 mm / 59,4 in
Weight (w/o accessories)	260 kg / 573, 2 lbs
Refrigerator	Rotary inverter driven compressor (Refrigerant: R410A)
Temperature control range	-20 to +40 °C
Vacuum system	n/a
Safety functions	Interlock door, dual-overspeed detection, imbalance detector, over-temperature detector

*with rotor R27A

Bundles and Kits – Tailored to Your Needs

Harvesting Bundle 4 x 1.5 L

Centrifuge CR22N

- + Rotor R9A2*
- + incl. 4 x triangular bottle 1,500 mL

- > Capacity: 4 x 1,500 mL
- > Max. speed: 15,100 x g / 8,500 rpm

This bundle is the optimal solution for biomass harvesting in volumes of up to 6 Liter of cell, yeast and bacterial cultures (max. speed 15,100 x g).

Additionally, 4 different kits are available (rotor plus suitable consumables).



Harvesting Kit 6 x 0.5 L

Rotor R10A3*

- + Flat-bottom bottle 500 mL

- > Capacity**: 6 x 500 mL
- > Max. speed: 18,800 x g / 10,000 rpm



Low-Speed Pelleting Kit 15/50 mL conical

Rotor R4SS

- + Adaptor 15/50 conical tubes
- + 15/50 mL conical tubes

- > Capacity**: 40 x 14 mL
- > Max. speed: 2,900 x g / 4,000 rpm



High-Speed Pelleting Kit 8 x 50 mL tube

Rotor R20A2*

- + High-speed round bottom tube 50 mL
- + M-PP-Lid

- > Capacity**: 8 x 50 mL
- > Max. speed: 48,000 x g / 20,000 rpm

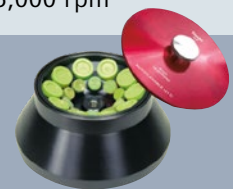


High-Speed Pelleting Kit 10 x 15/50 mL conical

Rotor R15A*

- + 15/50 mL conical tubes

- > Capacity**: 10 x 15/50 mL
- > Max. speed: 32,500 x g / 15,000 rpm



* Autoclavable ** Refers to the nominal volume. The maximum filling volume may depend on the application, rotor and speed. Please consult with your sales representative for further details.

> Find these and more rotor options in our eShop



<https://eppendorf.group/44509q>

Your local distributor: www.eppendorf.com/contact
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