



# Smart Separation for Your Workflow

## The Ultracentrifuge CP-NX Series

Ultracentrifugation can be challenging as user-friendly and safe operation is crucial. Therefore the flagship of our ultracentrifuge portfolio has been designed to make ultracentrifugation as safe and convenient as possible. With speeds of up to  $803,000 \times g$  (100,000 rpm)\*<sup>1</sup>, it is the optimal solution for the separation of nucleic acids, proteins, protein complexes, vesicles and viruses, just to name a few.

<sup>\*1</sup> The CP-NX models are available with max. speeds of 100,000 rpm for further details see next page.  
<sup>\*\*2</sup> Except rotor P21A2

### Benefit from:

- > Automatic Rotor Life Management System (RLM) digitally tracks rotor run times, eliminating the need for manual logs
- > High imbalance tolerance up to 5 mm allows for visual balancing of samples by eye – no scale required! \*<sup>2</sup>
- > Intuitive touchscreen user interface with user management and documentation functions to support GxP/GLP compliance
- > Comprehensive rotor and consumable portfolio to match your applications



Learn more: [www.eppendorf.com/your-centrifuge-solution](http://www.eppendorf.com/your-centrifuge-solution)



# Technical Specifications

Model	Ultracentrifuges		
	Centrifuge CP100NX	Centrifuge CP90NX	Centrifuge CP80NX
Max. RPM	100,000	90,000	80,000
Max. RCF (x g)	803,000	700,000	615,000
Max. volume	1,690 mL (Rotor P32ZT)		
Noise level	<51 dB(A)		
Acceleration/breaking ramps	10/11 (including coasting)		
Display	Touch-sensitive color LCD panel (6.5 in)		
Timer	from 1 min to 999 hours 59 min (with 1 min increments) with HOLD function		
Power supply	Single phase: AC 200–220 V +/-10%, 50/60 Hz, 20 A Single phase: AC 230–240 V +/-10%, 50/60 Hz, 16 A Single phase: AC 208 V +/-10%, 50/60 Hz, 20 A		
Max. power consumption	1.0 kW		
Footprint (W x D)	790 x 690 mm / 31.1 x 27.2 in		
Height	925 mm / 36.4 in		
Weight (w/o accessories)	390 kg / 859.8 lbs		
Refrigeration	Thermo-module cooling system (HFC-free)		
Temperature control range	from 0°C to 40°C in 1°C increments		
Vacuum system	Oil rotary vacuum pump and oil diffusion pump		
Safety functions	Interlock door, overspeed detection, overload detection, imbalance detection, over-temperature detection, vacuum detection, power failure detection, automatic rotor lifetime management system, micro-filter (optional)		
Connectivity	USB, LAN		
Optional software	»Himac ASSIST« for planning centrifugation experiments »Himac View« from Apple® store or Google Play® for remote control »Himac Log Manager« for logging device information		

## The Full Value: Qualified and Comprehensive Support For Your Ultracentrifuge



We are committed to providing reliable services and tools at your location. This includes a comprehensive range of carefully designed service solutions performed by our dedicated manufacturer-trained and certified Technical Service teams worldwide.

Learn more about our installation and maintenance service options for your precious device at your location.

[www.eppendorf.com/centrifuge-service](http://www.eppendorf.com/centrifuge-service)

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