

# Your Centrifuge Solution - Ultracentrifuge CP-NX and CS-(F)NX



**Centrifuge CS-(F)NX Series:**  
CS150NX/ CS150FNX  
Micro-Ultracentrifuges



**Centrifuge CP-NX Series:**  
CP100NX/CP90NX/CP80NX  
Ultracentrifuges

## Fixed angle rotors

### Rotor S50A

Order No.: 5720 221 012

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 6 x 30 mL (6 x 19 mL - 6 x 31.7 mL)
- > Max. speed: 210,000 x g (76,000 x g - 210,000 x g)
- > k-factor: 61

**Suggested consumable):**  
25PC TW Tube

### Rotor S55A2

Order No.: 5720 221 011

Particles	DNA & RNA	Proteins	Vesicles & Viruses
		●	●
Techniques*	-	●	●

#### Characteristics

- > Capacity\*\*\*: 12 x 1.5 mL (12 x 1.3 mL - 12 x 1.3 mL)
- > Max. speed: 201,000 x g (201,000 x g - 201,000 x g)
- > k-factor: 40

**Suggested consumable**  
1.5 mL Micro Tube (C)

### Rotor S110AT

Order No.: 5720 221 004

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 8 x 5 mL (8 x 1.0 mL - 8 x 5.1 mL)
- > Max. speed: 691,000 x g (103,000 x g - 691,000 x g)
- > k-factor: 15

**Suggested consumable:**  
4PC Tube

### Rotor S140AT

Order No.: 5720 221 001

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	-
Techniques*	●	●	-

#### Characteristics

- > Capacity\*\*\*: 10 x 2 mL (10 x 0.8 mL - 10 x 1.8 mL)
- > Max. speed: 1,050,000 x g (396,000 x g - 1,050,000 x g)
- > k-factor: 5

**Suggested consumable:**  
1PC Tube

## Swing bucket rotors

### Rotor S50ST

Order No.: 5720 224 002

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 4 x 7 mL (4 x 7 mL - 4 x 7 mL)
- > Max. speed: 253,000 x g (253,000 x g - 253,000 x g)
- > k-factor: 77

**Suggested consumable:**  
7PA Tube (B)

### Rotor P21A2

Order No.: 5720 211 205

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	-	●	-
Techniques*	-	●	-

#### Characteristics

- > Capacity\*\*\*: 6 x 230 mL (6 x 210 mL - 6 x 210 mL)
- > Max. speed: 71,000 x g (71,000 x g - 71,000 x g)
- > k-factor: 486

**Suggested consumable:**  
230 PA Bottle (C)

### Rotor P45AT

Order No.: 5720 211 109

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	-	●	●
Techniques*	-	●	●

#### Characteristics

- > Capacity\*\*\*: 6 x 94 mL (6 x 2.5 mL - 6 x 100 mL)
- > Max. speed: 235,000 x g (46,300 x g - 235,000 x g)
- > k-factor: 130

**Suggested consumable:**  
94 PA Tube\*\*

### Rotor P70AT

Order No.: 5720 211 105

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 8 x 40 mL (8 x 3.0 mL - 8 x 39 mL)
- > Max. speed: 505,000 x g (64,400 x g - 505,000 x g)
- > k-factor: 44

**Suggested consumable:**  
40 PA Tube\*\*

### Rotor P90AT

Order No.: 5720 211 102

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	-
Techniques*	●	●	-

#### Characteristics

- > Capacity\*\*\*: 8 x 12 mL (8 x 0.9 mL - 8 x 13.5 mL)
- > Max. speed: 700,000 x g (77,800 x g - 700,000 x g)
- > k-factor: 25

**Suggested consumable:**  
12PA Seal Tube\*\*

### Rotor P32ST

Order No.: 5720 214 003

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 6 x 40 mL (6 x 34 mL - 6 x 40 mL)
- > Max. speed: 180,000 x g (72,400 x g - 180,000 x g)
- > k-factor: 198

**Suggested consumable:**  
40PA Tube

### Rotor P100AT2

Order No.: 5720 211 101

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 8 x 6.5 mL (8 x 3.6 mL - 8 x 6.5 mL)
- > Max. speed: 803,000 x g (289,000 x g - 803,000 x g)
- > k-factor: 18

**Suggested consumable:**  
6.5 PA Seal Tube

## Centrifuge order numbers and legend

	Order no. China/APA	Order no. EU/India	Order no. US
Centrifuge CS150FNX	5720 121 501	5720 121 511	5720 121 513
Centrifuge CS150NX	5720 131 501	5720 131 511	5720 131 513
Centrifuge CP80NX	5720 108 011	5720 108 012	5720 108 013
Centrifuge CP90NX	5720 109 011	5720 109 012	5720 109 013
Centrifuge CP100NX	5720 110 011	5720 110 012	5720 110 013

### Legend

\*Technique

- Gradient
- Pelleting
- Pelleting & Gradient

\*\* Consumable and accessories not included with rotor, get in touch with our sales representatives.

\*\*\* Refers to nominal volume - for details please consult with your sales representative.

### Rotor P40ST

Order No.: 5720 214 002

Particles	DNA & RNA	Proteins	Vesicles & Viruses
	●	●	●
Techniques*	●	●	●

#### Characteristics

- > Capacity\*\*\*: 6 x 13 mL (6 x 0.7 mL - 6 x 10.9 mL)
- > Max. speed: 284,000 x g (150,000 x g - 284,000 x g)
- > k-factor: 139

**Suggested consumable:**  
13PA Tube