

Model	Part No. (w/RLM Adapter)	Max. Speed (rpm)	Max. RCF (xg)	Nominal Capacity (ml x tubes)	K-factor	Main Purpose
P100AT2 *	9123113M	100,000	803,000	6.5 x 8	18	Separation of microscopic particles and lipoprotein
P90AT *	9123053M	90,000	700,000	12 x 8	25	Separation of cell organelles, Plasmid DNA and RNA Rapid separation of intermediate volume sample
P80AT *	9123093M	80,000	615,000	12 x 8	27	
P70AT2 *	9122753M	70,000	452,000	12 x 12	36	
P70AT *	9122623M	70,000	505,000	40 x 8	44	Rapid separation of intermediate-to-large volume sample
P65A *+	9122313M	65,000	370,000	12 x 10	48	Separation of cell organelles, Plasmid DNA and RNA
P50AT4 +	9122633M	50,000	316,000 *1	6.5 x 44	32 *1	Separation of lipoprotein
P50AT2 *	9122633M	50,000	303,000	40 x 12	70	Rapid separation of intermediate-to-large volume sample
P50A3	9123140M	50,000	252,000	1.5 x 24	33	Rapid pelleting micro volume samples
P45AT *	9122643M	45,000	235,000	94 x 6	130	Rapid separation of large volume samples
P42AT +	9122651M	42,000	223,000	0.23 x 72	12	Rapid separation of lipoprotein for examination

P32AT +	9123150M	32,000	111,000	12 x 32	186	Simultaneous processing of many specimens
P27A +	9123121M	27,000	106,000	160 x 6	352	
P21A2	9123171M	21,000	71,000	236 x 6	486	Separation of large volume samples

Neo Angle Rotor

Model	Part No. (w/RLM Adapter)	Max. Speed (rpm)	Max. RCF (xg)	Nominal Capacity (ml x tubes)	K-factor	Main Purpose
P90NT *+	9123073M	90,000	646,000	5 x 8	10	Rapid separation of Plasmid DNA and RNA
P65NT *+	9124153M	65,000	402,000	12 x 10	23	
P65NT2 *+	9123103M	65,000	431,000	5 x 18	15	Processing of many tubes of Plasmid DNA

Vertical Rotor

Model	Part No. (w/RLM Adapter)	Max. Speed (rpm)	Max. RCF (xg)	Nominal Capacity (ml x tubes)	K-factor	Main Purpose
P100VT *	9123063M	100,000	700,000	5 x 8	6	Rapid separation of Plasmid DNA
P65VT2 *+	9123023M	65,000	416,000	5 x 16	10	Separation of plasmid DNA etc. by the sedimentation equilibrium centrifugation
P65VT3 *+	9123033M	65,000	402,000	12 x 10	13	
P50VT2 *+	9123083M	50,000	243,000	40 x 8	36	Density gradient centrifugation of large volume samples

Swinging Bucket Rotor

Model	Part No. (w/RLM Adapter)	Max. Speed (rpm)	Max. RCF (xg)	Nominal Capacity (ml x tubes)	K-factor	Main Purpose
P65ST +	9122391M	65,000	419,000	5 x 3	48	Density gradient centrifugation of Protein, DNA and RNA etc.
P56ST +	9122551M	56,000	409,000	4 x 6	54	Density gradient centrifugation of micro volume samples
P55ST2	9122771M	55,000	366,000	5 x 6	50	
P40ST	9122371M	40,000	284,000	13 x 6	139	Density gradient centrifugation of intermediate volume samples
P32ST	9123180M	32,000	180,000	40 x 6	198	
P32ST2	9123190M	32,000	193,000	16 x 6	216	

P28S	9122881M	28,000	141,000	40 x 6	252	
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Zonal Rotor

Model	Part No. (w/RLM Adapter)	Max. Speed (rpm)	Max. RCF (xg)	Nominal Capacity (ml x tubes)	K-factor	Main Purpose
P32ZT	9123160M	32,000	102,000	1,690 ml	363	Large-scale purification of protein and virus particles by density gradient centrifugation

Continuous Flow Rotor

Model	Part No. (w/RLM Adapter)	Max. Speed (rpm)	Max. RCF (xg)	Nominal Capacity (ml x tubes)	K-factor	Main Purpose
P32CT +	9122660M *2	32,000	102,000	430 ml	42	Continuous concentration of large virus particles

Notes*: Tubes, caps and adapters are not included in the standard accessories. Please order them separately.

+: The rotor is made-to-order item.

*1 :Indicated value is for outside tube cavity. Inside tube cavity has different values.

Carbon fiber rotors cannot be used with CP-NX series.

*2: Part No. 9122660M is an exclusive model for CP-NX / CP-WX / CP-MX series. To use the P32CT with CP-NX / CP-WX / CP-MX series, optional accessory assy is mandatory required. (sold separately) Part number of the optional accessory assy for CP-NX series is S205643A, part number of the optional accessory assy for CP-WX and CP-MX series is S205643C.

Rotors with model name including the letter T are made of titanium alloy. Rotors with model name not including the letter T are made of aluminum alloy. All buckets for swinging bucket rotors are made of titanium alloy.

To use zonal rotor model P32ZT, seal attachment assy model RPZ-S (P/N 91130600) is required. (order separately)

When using a seal tube in the above rotors, tube sealer and respective tube rack are required. (order separately)

Capacity in the above table shows nominal capacity of tubes. Actual capacity in actual usage may be smaller than the nominal capacity depending on rotor structure, tube shape etc.