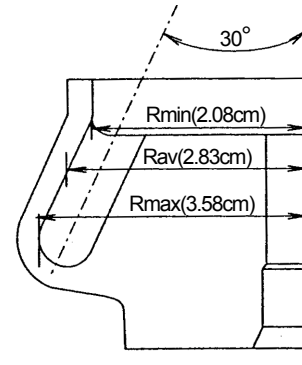


Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.

1. Rotor specifications

S150AT Angle rotor

Max. speed 150,000 rpm
 Max. R.C.F. 901,000 × g
 Rotor nominal capacity 8.0ml = 8 × 1.0ml
 k factor 6



(1) Summary of tubes

Tube				Space cap or Crown		Maximum speed (rpm)	Maximum R.C.F. (× g)
Part No.	Name	Size (φ × L cm)	Net capacity (ml)	Part No.	Name		
S300535A	1 PC Tube	1.1 × 3.4	1.0	—	—	150,000	901,000
S300540A	2 PA Seal tube*	1.1 × 3.1	1.8	S410387	Space cap (A4)	150,000	901,000
S300539A	1.5 PA Seal tube*	1.1 × 2.4	1.3	S410387	Space cap (A4)	150,000	901,000
S302897A	2 PA Cone-top tube**	1.1 × 3.2	2.0	S408767A	Crown A4 ass'y	150,000	901,000
S302896A	1.5 PA Cone-top tube**	1.1 × 2.5	1.5	S408767A	Crown A4 ass'y	150,000	901,000

* Not sold in Europe and U.S.A.

** For Europe and U.S.A.

(2) Standard accessories

Part No.	Name	Q'ty
S300535A	1 PC Tube	1 (100pcs/box)
84520204	O-ring	2
8062216	O-ring	2
452701	Tweezers	1
S203944	Cover opener 3	1
Common accessories of all rotors (see Appendix)		1

NOTE : When using Seal tubes or Cone-top tubes, the following optional accessories are required.

● 2 PA Seal tube

- (a) S300540A 2 PA Seal tube 1(50pcs/box)
- (b) S410387 Space cap (A4)..... 8
- (c) 90132400 STF2 Tube searer 1
- (d) S201778F Tube rack (G)..... 1
- (e) S407157 Tube setter..... 1

● 1.5 PA Seal tube

- (a) S300539A 1.5 PA Seal tube 1(50pcs/box)
- (b) S410387 Space cap (A4) 8
- (c) 90132400 STF2 Tube sealer 1
- (d) S201778G Tube rack (G2)..... 1
- (e) S407157 Tube setter 1

● 2 PA Cone-top tube

- (a) S302897A 2 PA Cone-top tube 1(50pcs/box)
- (b) S408767A Crown A4 ass'y 8
- (c) S302899D Tube vise A ass'y 1
- (d) 481056A Tube setter (C) 1
- (e) S405445 Removal tool 1

● 1.5 PA Cone-top tube

- (a) S302896A 1.5 PA Cone-top tube 1(50pcs/box)
- (b) S408767A Crown A4 ass'y 8
- (c) S302899C Tube vise A ass'y 1
- (d) 481056A Tube setter (C) 1
- (e) S405445 Removal tool 1

(3) Separation characteristics table

Speed (rpm)	Max. R.C.F.(× g)			k factor
	Rmin (2.08cm)	Rav (2.83cm)	Rmax (3.58cm)	
10,000	2,300	3,200	4,000	1,375
20,000	9,300	12,700	16,000	344
30,000	20,900	28,500	36,000	153
40,000	37,200	50,600	64,000	86
50,000	58,100	79,100	100,000	55
60,000	83,700	114,000	144,000	38
70,000	114,000	155,000	196,000	28
80,000	149,000	202,000	256,000	21
90,000	188,000	256,000	324,000	17
100,000	233,000	316,000	400,000	14
110,000	281,000	383,000	484,000	11
120,000	335,000	456,000	576,000	10
130,000	393,000	535,000	676,000	8
140,000	456,000	620,000	784,000	7
150,000	523,000	712,000	901,000	6