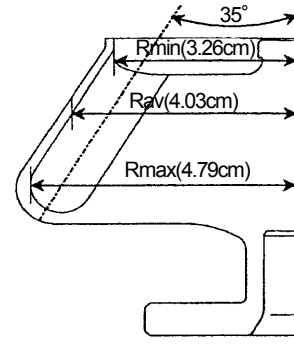


**Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.**

## S140AT Angle rotor

Max. speed 140,000 rpm  
 Max. R.C.F. 1,050,000 × g  
 Rotor nominal capacity 10ml = 1.0ml × 10  
 k factor 5



### (1) Compatible tubes

Tube				Space cap		Max. rotation speed (rpm)	Max. centrifugal acceleration 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	—	—	140,000	1,050,000
S300540A	2 PA Seal tube*	1.1 × 3.1	1.8	S410387	Space cap (A4)	140,000	1,050,000
S300539A	1.5 PA Seal tube*	1.1 × 2.4	1.3	S410387	Space cap (A4)	140,000	1,050,000
S302897A	2 PA Cone-top tube**	1.1 × 3.2	2.0	S408767A	Crown A4 ass'y	120,000	771,000
S302896A	1.5 PA Cone-top tube**	1.1 × 2.5	1.5	S408767A	Crown A4 ass'y	120,000	771,000

\* 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)
S410244	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.

Caution: The following parts are necessary with Seal tube:

- 2 PA Seal tube
  - (a) S30054A 2 PA Seal tube ..... 1(50pcs/box)
  - (b) S410387 Space cap (A4)..... 10
  - (c) 90132400 STF2 Tube sealer..... 1
  - (d) S201778F Tube rack (G)..... 1
  - (e) S407157 Tube setter ..... 1

### (3) Centrifugal characteristic table

Speed (rpm)	Centrifugal acceleration (× g)			k factor
	Rmin (3.26cm)	Rav (4.03cm)	Rmax (4.79cm)	
10,000	3,640	4,510	5,360	975
20,000	14,600	18,000	21,400	244
30,000	32,800	40,500	48,200	108
40,000	58,300	72,100	85,700	61
50,000	91,100	113,000	134,000	39
60,000	131,000	162,000	193,000	27
70,000	179,000	221,000	262,000	20
80,000	233,000	288,000	343,000	15
90,000	295,000	365,000	434,000	12
100,000	364,000	451,000	536,000	10
110,000	441,000	545,000	648,000	8
120,000	525,000	649,000	771,000	7
130,000	616,000	761,000	905,000	6
140,000	714,000	883,000	1,050,000	5

- 1.5 PA Seal tube
  - (a) S300539A 1.5 PA Seal tube ..... 1(50pcs/box)
  - (b) S410387 Space cap (A4)..... 10
  - (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 Seal tube ..... 1(50pcs/box)
  - (b) S408767A Crown A4 ass'y..... 10
  - (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..... 10
  - (c) S302899C Tube vise A ass'y ..... 1
  - (d) 481056A Tube setter (C)..... 1
  - (e) S405445 Removal tool ..... 1