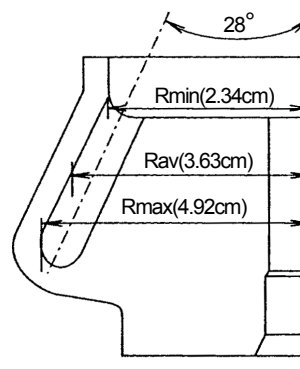


Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.

## S100AT5 Angle rotor

Max. speed 100,000 rpm  
 Max. R.C.F. 550,000 × g  
 Rotor nominal capacity 32.0ml = 8 × 4.0ml  
 k factor 19



### (1) Summary of tubes

Tube				Space cap, Spacer or Crown		Maximum speed (rpm)	Maximum R.C.F. (× g)
Part No.	Name	Size (φ × L cm)	Net capacity (ml)	Part No.	Name		
S404332A	4 PC Tube	1.3×6.0	3.4	—	—	100,000	550,000
S303351A	4 PA Thick-walled tube	1.3×6.0	3.4	—	—	80,000	352,000
345319A	5 PA Seal tube*	1.3×5.3	5.1	S404331	B4-Space cap	100,000	550,000
S308892A	Micro tube 1.5ml	1.09×4.0	1.3	—	—	50,000	107,000
84710901	Sampling tube 1.5ml	1.08×4.2	1.3	—	—	50,000	107,000
(3400-1332)	(3.5ml Ultra-Lok™ tube)	1.3×3.2	3.0	(3405-1003)	(Spacer)	100,000	550,000
(3400-1351)	(5ml Ultra-Lok™ tube)	1.3×5.1	4.1	(3405-1003)	(Spacer)	100,000	550,000
—	1.5ml Micro tube	1.1×4.2	1.0	—	—	50,000	107,000
—	1.5ml Screw cap tube**	1.0×4.6	1.3	—	—	100,000	463,000
S302893A	5 PA Re-seal tube***	1.3×5.1	5.1	S405443A	Crown D2 ass'y	100,000	550,000

Products in parentheses are those of the supply discontinuance.

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

\*\* Applicable tubes

Maker/Brand	Product No.	Average density of liquid
Simport	T334-5/5S	1.7 g/ml or less

\*\*\*For Europe and U.S.A.

### (2) Standard accessories

Part No.	Name	Q'ty
S404332A	4 PC Tube	2 (50pcs/box)
S402618	Cover packing	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, 1.5ml Micro tubes, 1.5ml Screw cap tubes, or Re-seal tubes, the following optional accessories are required.

- 5 PA Seal tube
  - (a) 345319A 5 PA Seal tube ..... 1(50pcs/box)
  - (b) S404331 B4-Space cap ..... 8
  - (c) 90132400 STF2 Tube sealer..... 1
  - (d) S201778A Tube rack (B) ..... 1
  - (e) S407157 Tube setter ..... 1

- 1.5ml Micro tube
  - (a) S406389 1.5 A5 Adapter ..... 4

\*Use 1.5ml micro tube by four or less.

- 1.5ml Screw cap tube
  - (a) S412067 1.5A5 Adapter (B)..... 8

- 5 PA Re-seal tube
  - (a) S302893A 5 PA Re-seal tube..... 1(50pcs/box)
  - (b) S405443A Crown D2 ass'y ..... 8
  - (c) S302901C Tube vise B3 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 (2.34cm)	Rav (3.63cm)	Rmax (4.92cm)	
10,000	2,620	4,060	5,500	1,882
20,000	10,500	16,200	22,000	471
30,000	23,500	36,500	49,500	209
40,000	41,900	64,900	88,000	118
50,000	65,400	101,000	138,000	75
60,000	94,200	146,000	198,000	52
70,000	128,000	199,000	270,000	38
80,000	167,000	260,000	352,000	29
90,000	212,000	329,000	446,000	23
100,000	262,000	406,000	550,000	19