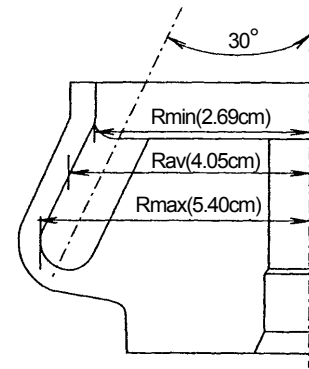


Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.

## S100AT6 Angle rotor

Max. speed	100,000 rpm
Max. R.C.F.	604,000 × g
Rotor nominal capacity	32.0ml = 8 × 4.0ml
k factor	18



### (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	604,000
S303351A	4 PA Thick-walled tube	1.3×6.0	3.4	—	—	80,000	386,000
345319A	5 PA Seal tube*	1.3×5.3	5.1	S404331	B4—Space cap	100,000	604,000
S308892A	Micro tube 1.5ml	1.09×4.0	1.3	—	—	47,000	105,000
84710901	Sampling tube 1.5ml	1.08×4.2	1.3	—	—	47,000	105,000
(3400-1332)	(3.5ml Ultra-Lok™ tube)	1.3×3.2	3.0	(3405-1003)	(Spacer)	100,000	604,000
(3400-1351)	(5ml Ultra-Lok™ tube)	1.3×5.1	4.1	(3405-1003)	(Spacer)	100,000	604,000
—	1.5ml Micro tube	1.3×4.2	1.0	—	—	47,000	105,000
—	1.5ml Screw cap tube**	1.0×4.6	1.3	—	—	100,000	513,000
S302893A	5 PA Re-seal tube***	1.3×5.1	5.1	S405443A	Crown D2 ass'y	100,000	604,000

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 1.5 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 (2.69cm)	Rav (4.05cm)	Rmax (5.40cm)	
10,000	3,000	4,500	6,000	1,765
20,000	12,000	18,100	24,100	441
30,000	27,100	40,800	54,300	196
40,000	48,100	72,400	96,600	110
50,000	75,200	113,000	151,000	70
60,000	108,000	163,000	217,000	49
70,000	147,000	222,000	296,000	36
80,000	192,000	290,000	386,000	27
90,000	244,000	367,000	489,000	21
100,000	301,000	453,000	604,000	18