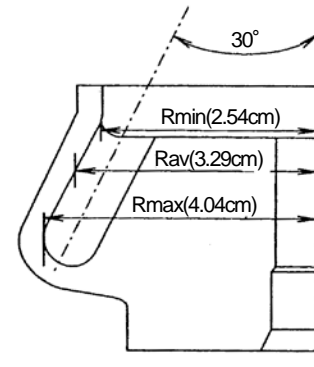


Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.

S120AT2 Angle rotor

Max. speed	120,000 rpm
Max. R.C.F.	650,000 × g
Rotor nominal capacity	10.0mL = 10 × 1.0mL
k factor	8



(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	-----	-----	120,000	650,000
S300540A	2 PA Seal tube	1.1×3.1	1.8	S410387	Space cap (A4)	120,000	650,000
S300539A	1.5 PA Seal tube	1.1×2.4	1.2	S410387	Space cap (A4)	120,000	650,000
(S302897A)	(2 PA Cone-top tube)	1.1×3.2	2.0	(S405441A)	(Crown A2 ass'y)	120,000	650,000
(S302896A)	(1.5 PA Cone-top tube)	1.1×2.5	1.5	(S405441A)	(Crown A2 ass'y)	120,000	650,000
S309652A	1 PA Tube	1.1×3.4	0.8	-----	-----	86,000	334,000

Products in parentheses are those of the supply discontinuance.

(2) Standard accessories

Part No.	Name	Q'ty
S300535A	1 PC Tube	1 (100pcs/box)
S407447	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, the following optional accessories are required.

● 2 PA Seal tube

- (a) S300540A 2 PA Seal tube.....1(50pcs/box)
- (b) S410387 Space cap (A4)10
- (c) 901325 STF3 Tube sealer 1
- (d) S201778F Tube rack (G) 1
- (e) S407157 Tube setter 1

● 1.5 PA Seal tube

- (a) S300539A 1.5 PA Seal tube1(50pcs/box)
- (b) S410387 Space cap (A4)10
- (c) 901325 STF3 Tube sealer 1
- (d) S201778G Tube rack (G2) 1
- (e) S407157 Tube setter 1

(3) Separation characteristics table

Speed (rpm)	Max. R.C.F.(×g)			k factor
	Rmin (2.54cm)	Rav (3.29cm)	Rmax (4.04cm)	
10,000	2,840	3,680	4,520	1,176
20,000	11,400	14,700	18,100	294
30,000	25,600	33,100	40,700	131
40,000	45,400	58,900	72,300	73
50,000	71,000	92,000	113,000	47
60,000	102,000	132,000	163,000	33
70,000	139,000	180,000	221,000	24
80,000	182,000	235,000	289,000	18
90,000	230,000	298,000	366,000	15
100,000	284,000	368,000	452,000	12
110,000	344,000	445,000	547,000	10
120,000	409,000	530,000	650,000	8