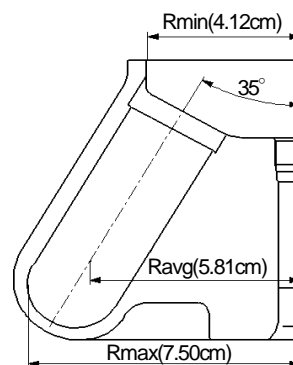


Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.

S50A Angle rotor

Max. speed	50,000 rpm
Max. R.C.F.	210,000 × g
Rotor nominal capacity	180mL = 6 × 30.0mL
k factor	61



(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		
S309154A	30 PA Tube	2.6×7.2	25.4	S410532A	S-40AL cap ass'y	50,000	210,000
			26.8	S305231A	E3-AL cap ass'y	50,000	210,000
S309140A	25 PC Thick-walled tube	2.6×7.6	19.8	-----	-----	50,000	210,000
S309155A	25 PA Thick-walled tube	2.6×7.6	19.8	-----	-----	30,000	76,000
S309156A	20 PC Bottle (C)	2.6×8.0	20.3	-----	-----	50,000	210,000
S310163A	20 PA Bottle (C)*	2.6×8.0	19.0	-----	-----	50,000	210,000

*When a 20PA Bottle (C) is used at more than 100,000xg (maximum R.C.F.), liquid should be over the shoulder of the bottle.

(2) Standard accessories

Part No.	Name	Q'ty
S309140A	25 PC Thick-walled tube	2 (10pcs/box)
8062285	O-ring	2
8062014	O-ring	2
452701	Tweezers	1
Common accessories of all rotors (see Appendix)		1

When using S-40AL Caps for 30PA Tubes, the following parts are required.

- S-30AL Cap tool set (part no.S309145A)
[Components]
 - (a) S410532A S-40AL Cap × 6
 - (b) S204591A Hand press × 1
 - (c) S412292 Tube holder(D) × 1
 - (d) 481056A Tube setter(C) × 1

(3) Separation characteristics table

Speed (rpm)	Max. R.C.F.(×g)			k factor
	Rmin (4.12cm)	Rav (5.81cm)	Rmax (7.50cm)	
5,000	1,150	1,620	2,100	6,070
10,000	4,610	6,500	8,390	1517
15,000	10,400	14,600	18,900	674
20,000	18,400	26,000	33,500	379
25,000	28,800	40,600	52,400	243
30,000	41,500	58,500	75,500	169
35,000	56,400	79,600	103,000	124
40,000	73,700	104,000	134,000	95
45,000	93,300	132,000	170,000	75
50,000	115,000	162,000	210,000	61

When using E3-AL Caps for 30PA Tubes, the following parts are required.

- 30PA Tube kit (part no.S309245A)
[Components]
 - (a) S309154A 30PA Tube × 2 boxes (50 pcs/box)
 - (b) S305231A E3-AL cap × 6
 - (c) S401787A Packing for cap× 2 boxes (10 pcs/box)
 - (d) S309247A Tube vice (D) × 1
 - (e) 477706 Socket adapter × 1
 - (f) 477705 Torque wrench × 1
 - (g) 483539A 17mm Socket × 1
 - (h) 435823A Tube setter × 1