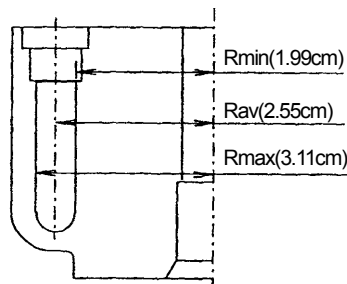


Carefully read the centrifuge instruction manual and the rotor instruction manual before using the rotor.

S120VT Vertical rotor production by order

Max. speed 120,000 rpm
 Max. R.C.F. 501,000 × g
 Rotor nominal capacity 16.0ml=8 × 2.0ml
 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		
S300540A	2 PA Seal tube*	1.1×3.1	1.8	S406695	Space cap (A2)	120,000	501,000
S302897A	2 PA Cone-top tube**	1.1×3.2	2.0	S405440A	Crown A ass'y	120,000	501,000

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

(2) Standard accessories

[For except Europe and U.S.A.]

Part No.	Name	Q'ty
S300540A	2 PA Seal tube	2 (50pcs/box)
S406695	Space cap (A2)	8
S402985	O-ring	16
S407157	Tube setter	1
S403071A	Handle	1
Common accessories of all rotors (see Appendix)		1

[For Europe and U.S.A.]

Part No.	Name	Q'ty
S302897A	2 PA Cone-top tube	2 (50pcs/box)
S405440A	Crown A ass'y	8
S402985	O-ring	16
S405353	Wrench	1
S405445	Removal tool	1
S406341A	Handle C	1
477705	Torque wrench	1
S302899B	Tube vise A ass'y	1
Common accessories of all rotors (see Appendix)		1

(3) Separation characteristics table

Speed (rpm)	Max. R.C.F.(×g)			k factor
	Rmin (1.99cm)	Rav (2.55cm)	Rmax (3.11cm)	
10,000	2,230	2,850	3,480	1,131
20,000	8,900	11,400	13,900	283
30,000	20,000	25,700	31,300	126
40,000	35,600	45,600	55,600	71
50,000	55,600	71,300	86,900	45
60,000	80,100	103,000	125,000	31
70,000	109,000	140,000	170,000	23
80,000	142,000	182,000	223,000	18
90,000	180,000	231,000	282,000	14
100,000	222,000	285,000	348,000	11
110,000	269,000	345,000	421,000	9
120,000	320,000	411,000	501,000	8

NOTE : When using Seal tubes, the following optional accessories are required.

- 2PA Seal tube
 - (a) 90132400 STF2 Tube sealer..... 1
 - (b) S201778F Tube rack (G)..... 1