

ROTORS

(Number Represents

Number of Tubes per Rotor)

TUBES, BOTTLES

NOMINAL CAPACITY (ml)	MATERIAL ¹	STYLE ²	DIMENSIONS (O.D. × L mm)	CATALOG NUMBER	SL-50T	ST-MICRO	SL-250T	ST-H50	STH-750
0.25	MICROTUBE		—	—		24			
0.4	MICROTUBE		—	—		24			
0.5	MICROTUBE		—	—		24			
1	CAB	TW	7 × 50	03103	32			16	
1.5	MICROTUBE		—	—	16	24		8	264
2	CAB	TW	7 × 75	03235	32			16	
3	PY	T	10 × 75	03100	16		20	8	132
4	PC	FL	11 × 75	03104	16		48	8	132
4	PP	FL	11 × 75	03105	16		48	8	132
4	SG	T	10 × 75	—			48		132
5	PY	T	12 × 75	03102			48		132
5	SG	T	12 × 75	—			48		132
7	PC	FL	13 × 100	03120	8			4	88
7	PP	FL	13 × 100	03121	8			4	88
7	—	V	13 × 100	—					88
10	PY, G	CN	18 × 100	—	8			4	20
10	PP	OR	16 × 83	03929	8			4	20
10	PC	OR	16 × 83	03020	8			4	20
10	PA	T	13 × 100	03124	8			4	88
10	PY	T	13 × 100	—	8			4	88
10	—	SG	13 × 100	—					88
10	—	V	16 × 100	—					72
12	PC	FL	16 × 100	03115	8		28	4	72
12	PP	FL	16 × 100	03116	8		28	4	72
12	PY	T	18 × 102	03109	8			4	20
14	PY	T	18 × 120	03111			20		20
14	PP	FL	18 × 75	03247					20
14	PC	FL	18 × 75	03246					20
15	CO	T	18 × 102	03286	8			4	48
15	TC	CN	17 × 120	—			20		32
15	—	UR, CN	17 × 120	—					32
15	—	V	16 × 127	—					72
16	PP	FL	18 × 100	03244	8			4	48
16	PC	FL	18 × 100	03243	8			4	48
30	PC	OR	25 × 94	03719	8				
30	PP	OR	25 × 94	03718	8				
30	CO	B	24 × 105	03163	8		12	4	12
35	PA	TC	29 × 105	—	8		4	4	20
35	PC	TC	29 × 105	—	8		4	4	20
50	PA	UC	29 × 108	03528	8				

⁽¹⁾MATERIAL CODES

CO—Corex® Glass
 PA—Polyallomer
 PC—Polycarbonate
 PET—Polyethylenephthalate
 PP—Polypropylene
 PS—Polysulfone
 PY—Pyrex®
 SS—Stainless Steel

⁽²⁾STYLE CODES

B—Bottle
 CN—Conical
 FB—Flat-Bottomed
 FL—Flanged
 G—Graduated
 OR—Oak Ridge
 TC—Tissue Culture
 DS—DRY-SPIN
 SG—Standard Glass
 T—Thick-Walled
 TW—Thin-Walled
 UC—UltraCRIMP®
 CC—ClearCRIMP®
 UR—Urinalysis®
 V—Vacutainer®

All trademarks are the property of their respective owners.

TO ORDER, CALL 1-800-522-SPIN (7746)

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50	PP	FL	28 × 102	03147	8			4	20
50	PC	FL	29 × 102	03146	8			4	20
50	PA	T W	28 × 104	03139	8			4	20
50	PP	OR	28 × 103	03530	8			4	20
50	PC	OR	28 × 103	03480	8			4	20
50	SS	FL	28 × 101	00517	8				20
50	SS	T	28 × 101	00579	8			4	20
50	TC	CN	30 × 115	—			4		20
50	FS	CN	30 × 115	—					20
100	PY	B	44 × 137	03230			4		4
125	CO	B	53 × 118	03231			4		4
150	CO	B	53 × 132	03229			4		4
150	PC	T W	45 × 132	03143			4		4
200	PP	CN	60 × 135	03094					4
250	PP	DS	61 × 146	03069			4		4
250	PC	DS	61 × 146	03098			4		4
250	PC	OR	61 × 124	03939			4		4
250	PP	OR	61 × 124	03937			4		4
250	PA	OR	60 × 120	54477			4		4
500	PP	TC	96 × 146	—					4
750	—	B	98 × 135	—					4

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CC—ClearCRIMP®
UR—Urinalysis® Conical
V—Vacutainer®
FS—Freestanding

SORVALL® SUPERSPEED ROTORS

TABLETOP SUPERSPEED ROTORS

ROTOR	MAXIMUM SPEED (rpm)	MAXIMUM RCF ¹	K FACTOR ²	MAXIMUM RADIUS (cm)	CAPACITY (ml)		TUBE ANGLE	APPLICATION NOTES ³	PAGE NO.
					PLACES x VOLUME	TOTAL			
FIXED-ANGLE									
SL-50T	18,500	40,905	822	10.7	8 × 50	400	34°	Separation and isolation. Initial spins of DNA plasmid preps. General purpose, large volume. Mini-preps, high <i>g</i> -force sediment.	B-69
SL-250T	14,500	27,642	2233	11.77	4 × 250	1000	23°		B-71
ST-MICRO	21,000	49,555	198	10.06	24 × 1.5	36	45°		B-72
SWINGING-BUCKET									
ST-H50	11,000	19,773	2465	14.63	4 × 50	200	—	Sedimentation, density gradient work, removing cellular debris. Sedimentation, density gradient work, removing cellular debris, microplate capacity.	B-73
ST-H750	4,300	3,829	11,246	18.54	4 × 750	3000	—		B-75

⁽¹⁾RCF calculated for maximum rotor radius.

⁽²⁾K Factor calculated assuming maximum allowable volume in a sealed tube.

⁽³⁾Listed are examples of popular applications. In practice, other rotors may be selected depending on individual requirements.

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