



**SL-50RT<sup>1</sup>**  
**SUPER-LITE®** Aluminum Rotor  
 8-Place, 50 ml  
 Tube Dimensions: 30 × 115 mm  
 Fixed-Angle: 34°  
 Maximum Speed: 7,000 rpm  
 Rotor Mass: 4.7 kg  
 Autoclavable: 121°C

	RCF (g)	R (cm)
Max.	5,856	10.70
Min.	2,875	3.52

For use in RT7 centrifuge

Catalog No. 76715	Accessories
Includes: SL-50RT Rotor Vacuum Grease <b>65937</b> Rotor Cover Assembly <b>76716</b> Rotor Cover O-ring (6 supplied) <b>91037</b> Drive Adapter O-ring (6 supplied) <b>62618</b> Instruction Manual <b>76718</b>	Rotor Extractor <b>76818</b> Retaining Ring Pliers <b>65614</b>

**TUBES AND BOTTLES FOR SL-50RT**

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
50	37	Polypropylene Flanged Tube	7,000	29 × 102	<b>03147</b> (25)	<b>03268</b> (25)	Polypropylene, Nonsealing	—	—	
50	39	Polycarbonate Flanged Tube	7,000	29 × 102	<b>03146</b> (25)	<b>03268</b> (25)	Polypropylene, Nonsealing	—	—	
50	46	Polyallomer Thin-Walled Tube	7,000	28 × 104	<b>03139</b> (25)	—	—	—	—	
50	41	Polypropylene Oak Ridge Bottle	7,000	28 × 103	<b>03530</b> (25)	<b>03535</b> (25)	Polypropylene, Sealing	—	—	
50	38	Polycarbonate Oak Ridge Bottle	7,000	28 × 103	<b>03480</b> (25)	<b>03535</b> (25)	Polypropylene, Sealing	—	—	
50	50	Stainless Steel Flanged Tube	7,000	28 × 101	<b>00517</b> (1)	<b>00518</b> (1)	Stainless Steel Sealing	—	—	Requires Wrench <b>01014</b> for tube sealing.
50	—	Tissue Culture Tube, Conical	—	30 × 115	—	—	—	—	—	Maximum number of tubes per rotor is four. Corning brand only.
50	50	Stainless Steel Tube	7,000	28 × 101	<b>00579</b> (1)	<b>00518</b> (1)	Stainless Steel Sealing	—	—	Requires Wrench <b>01014</b> for tube sealing.
45	—	Pyrex® Tube	—	29 × 101	—	—	—	—	—	
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter <b>3147-0050</b> .
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter <b>3147-0050</b> .
30	28	Polycarbonate Oak Ridge Bottle	7,000	25 × 94	<b>03719</b> (25)	<b>03276</b> (25)	Polypropylene, Sealing	<b>00419</b> (1)	1	Nonsealing Cap <b>03925</b> (25/pkg) available.
30	28	Polypropylene Oak Ridge Bottle	7,000	25 × 94	<b>03718</b> (25)	<b>03276</b> (25)	Polypropylene, Sealing	<b>00419</b> (1)	1	Nonsealing Cap <b>03925</b> (25/pkg) available.
30	31	Corex® Tube	7,000	24 × 105	<b>03163</b> (10)	—	—	<b>00368</b> (1)	1	Tube no longer available

(continued on next page)

<sup>(1)</sup>This rotor cover assembly has been tested for microbiological containment (Ref. 1) by CAMR, Porton Down. Seal integrity may be affected by improper use or maintenance.

\*Sealing assembly parts may be available. See section E for availability.

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**TUBES AND BOTTLES FOR SL-50RT (continued)**

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
16	13	Polypropylene Flanged Tube	7,000	18 × 100	03244 (50)	03299 (50)	Polypropylene, Nonsealing	00382 (1)	1	
16	14	Polycarbonate Flanged Tube	7,000	18 × 100	03243 (50)	03269 (50)	Polypropylene, Nonsealing	00382 (1)	1	
15	12	Corex® Tube	7,000	18 × 102	03286 (25)	—	—	00363 (1)	1	
15	—	Tissue Culture Tube, Conical	—	17 × 120	—	—	—	00402 (1)	1	
12	12	Pyrex® Tube	5,000	18 × 102	03109 (50)	—	—	00363 (1)	1	
12	10	Polypropylene Flanged Tube	7,000	16 × 100	03116 (50)	03266 (50)	Polypropylene, Nonsealing	00402 (1)	1	
12	11	Polycarbonate Flanged Tube	7,000	16 × 100	03115 (50)	03266 (50)	Polypropylene, Nonsealing	00402 (1)	1	
10	—	Pyrex® Graduated Tube, Conical	—	18 × 100	—	—	—	00367 (1)	1	
10	9.1	Polypropylene Oak Ridge Bottle	7,000	16 × 83	03929 (50)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	7,000	16 × 83	03020 (25)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9	Polyallomer Thin-Walled Flanged Tube	7,000	13 × 100	03124 (50)	—	—	00473 (1)	1	
10	—	Pyrex® Tube	—	13 × 100	—	—	—	00366 (1)	1	
10	—	Vacutainer® Tube	—	16 × 100	—	—	—	00363 (1)	1	
7	6	Polycarbonate Flanged Tube	7,000	13 × 100	03120 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
7	6	Polypropylene Flanged Tube	7,000	13 × 100	03121 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
7	—	Vacutainer® Tube	—	13 × 100	—	—	—	00366 (1)	1	
4	3	Polypropylene Flanged Tube	7,000	11 × 75	03105 (50)	03264 (50)	Polypropylene Snap-on	00381 (1)	2	
4	3	Polycarbonate Flanged Tube	7,000	11 × 75	03104 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
4	—	Vacutainer® Tube	—	10.25 × 84	—	—	—	00364 (1)	2	
3	3	Pyrex® Tube	5,000	10 × 75	03100 (50)	—	—	00364 (1)	2	
2	3	Cellulose Acetate Butyrate Tube	7,000	7 × 75	03235 (50)	—	—	00410 (1)	4	
1.5	—	Microtube	—	—	—	—	—	00381 (1)	2	
1	1	Cellulose Acetate Butyrate Tube	7,000	7 × 50	03103 (50)	—	—	00408 (1)	4	

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