

	SA-300¹ Aluminum Rotor 6-Place, 50 ml Tube Dimensions: 29 × 108 mm Fixed-Angle: 34° Maximum Speed: 25,000 rpm K Factor: 573 Rotor Mass: 5.58 kg Autoclavable: 121°C		RCF (g)	R (cm)
		Max.	67,509	9.67
		Min.	16,406	2.35

		RC-28S	RC-26 Plus	RC-24 ²	RC-5C Plus RC-5C ²	RC-5B Plus RC-5B ² RC-5 ²	RC-2B ² RC-2 ²	SS-3 ² SS-4 ²	RC-3B ² RC-3B Plus RC-3C ² RC-3C Plus
SA-300	Max Speed (rpm)	n/a	25,000	24,000	20,500	20,500	n/a	n/a	n/a
	Max RCF (g)	n/a	67,509	62,216	45,393	45,393	n/a	n/a	n/a

Catalog No. 18100	Accessories
Includes: SA-300 Rotor Rotor Cover Assembly 18122 Cover O-ring 91245 Rotor Extractor 01031 Instruction Manual 28505 Lubricant Grease 61556 Vacuum Grease 65937	ULTRACRIMP® Sealing Tool and Crimp Gauge 03920 Crimp Gauge Replacement 03919 ULTRACRIMP® Plugs and Caps (25 each/pkg) 03999 Rotor Cap 03538 Pliers 65614 Software Update Kit for RC-24 ³ 12939 Software Update Kit for RC-5C ³ 12814

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TUBES AND BOTTLES

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	50	Polyallomer ULTRACRIMP® Tube	24,000	29 × 108	03528 (25)	Included with Tubes	Plug and Aluminum Cap	—	—	Requires Rotor Cap 03538 Tube Racks 03529 , and ULTRACRIMP® Sealing Tool 03920 .
50	41	Polypropylene Oak Ridge Bottle	24,000	29 × 99	03530 (25)	03535 (25)	Polypropylene, Sealing	—	—	Nonsealing Cap 03926 (25/pkg) available.
50	38	Polycarbonate Oak Ridge Bottle	24,000	28 × 103	03480 (25)	03535 (25)	Polypropylene, Sealing	—	—	Nonsealing Cap 03926 (25/pkg) available.
50	37	Polypropylene Flanged Tube	24,000	29 x 102	03147 (25)	03268 (25)	Polypropylene, Snap-on	—	—	
50	39	Polycarbonate Flanged Tube	24,000	29 x 102	03146 (25)	03268 (25)	Polypropylene, Snap-on	—	—	
50	46	Polyallomer Thin-Walled Tube	24,000	28 x 104	03139 (25)	—	—	—	—	
50	50	Stainless Steel Flanged Tube	24,000	28 x 101	00517 (1)	00518 (1)	Stainless Steel Sealing	—	—	Requires Wrench 01014 for tube sealing.
50	50	Stainless Steel Tube	24,000	28 x 101	00579 (1)	00518 (1)	Stainless Steel Sealing	—	—	Requires Wrench 01014 for tube sealing.

(continued on next page)

⁽¹⁾This rotor cover assembly has been tested for microbiological containment (Ref. 1) by PHLS-CAMR, Porton Down. Suitable for use with materials up to ACDP category 3 (Ref. 2). Seal integrity may be affected by improper use or maintenance.

⁽²⁾Instrument no longer available.

⁽³⁾Contact your SORVALL® representative to determine your need for a Software Update Kit.

*Sealing Assembly replacement parts may be available. See section E for availability.

TUBES AND BOTTLES FOR SA-300 (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	
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 x 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 x 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
30	28	Polycarbonate, Oak Ridge Bottle	20,500	25 x 94	03719 (25)	03276 (25)	Polypropylene, Sealing	00419 (1)	1	Nonsealing Cap 03925 (25/pkg) available.
30	28	Polypropylene Oak Ridge Bottle	20,500	25 x 94	03718 (25)	03276 (25)	Polypropylene, Sealing	00419 (1)	1	Nonsealing Cap 03925 (25/pkg) available.
30	31	Corex® Tube	10,000	24 x 105	03163 (10)	—	—	00368 (1)	1	Tube no longer available
16	13	Polypropylene Flanged Tube	20,500	18 x 100	03244 (50)	03299 (50)	Polypropylene, Snap-on	00382 (1)	1	
16	14	Polycarbonate Flanged Tube	24,000	18 x 100	03243 (50)	03269 (50)	Polypropylene, Snap-on	00382 (1)	1	
15	12	Corex® Tube	10,000	18 x 102	03286 (25)	—	—	00363 (1)	1	
12	12	Pyrex® Tube	5,000	18 x 102	03109 (50)	—	—	00363 (1)	1	
12	10	Polypropylene Flanged Tube	20,500	16 x 100	03116 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
12	11	Polycarbonate Flanged Tube	24,000	16 x 100	03115 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
10	—	Pyrex® Graduated Tube, Conical	—	18 x 100	—	—	—	00367 (1)	1	
10	10	Polypropylene Oak Ridge Bottle	20,500	16 x 83	03929 (50)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	24,000	16 x 83	03020 (25)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9	Polyallomer Thin-Walled Flanged-Tube	24,000	13 x 100	03124 (50)	—	—	00473 (1)	1	
10	—	Pyrex® Tube	—	13 x 100	—	—	—	00366 (1)	1	

*Sealing Assembly replacement parts may be available. See section E for availability.

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TUBES AND BOTTLES FOR SA-300 (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	
7	6	Polycarbonate Flanged Tube	24,000	13 x 100	03120 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
7	6	Polypropylene Flanged Tube	20,500	13 x 100	03121 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
4	3	Polypropylene Flanged Tube	20,500	11 x 75	03105 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
4	3	Polycarbonate Flanged Tube	24,000	11 x 75	03104 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
3	3	Pyrex® Tube	5,000	10 x 75	03100 (50)	—	—	00364 (1)	2	
2	3	Cellulose Acetate Butyrate Tube	24,000	7 x 75	03235 (50)	—	—	00410 (1)	4	
1.5	—	Microtube	—	—	—	—	—	00381 (1)	2	
1	1	Cellulose Acetate Butyrate Tube	24,000	7 x 50	03103 (50)	—	—	00408 (1)	4	

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