



**SS-34<sup>1</sup>**  
 Aluminum Rotor  
 8-Place, 50 ml  
 Tube Dimensions: 29 × 108 mm  
 Fixed-Angle: 34°  
 Maximum Speed: 20,500 rpm  
 K Factor: 714  
 Rotor Mass: 6.8 kg  
 Autoclavable: 121°C

	RCF (g)	R (cm)
Max.	50,228	10.70
Min.	15,350	3.27

		RC-28S	RC-26 Plus	RC-24 <sup>2</sup>	RC-5C Plus RC-5C <sup>2</sup>	RC-5B Plus RC-5B <sup>2</sup> RC-5 <sup>2</sup>	RC-2B <sup>2</sup> RC-2 <sup>2</sup>	SS-3 <sup>2</sup> SS-4 <sup>2</sup>	RC-3B <sup>2</sup> RC-3B Plus RC-3C <sup>2</sup> RC-3C Plus
<b>SS-34</b>	<b>Max Speed (rpm)</b>	20,000	20,500	20,500	20,000	20,000	20,000	17,000	6,000
	<b>Max RCF (g)</b>	47,808	50,228	50,228	47,808	47,808	47,808	34,541	4,303

**Catalog No. 28020**

Includes:  
 SS-34 Rotor  
 Rotor Cover Assembly **28018**  
 Cover O-ring **60188**  
 Rotor Extractor **01031**  
 Instruction Manual **28505**

**Accessories**

ULTRACRIMP® Sealing Tool and Crimp Gauge **03920**  
 Crimp Gauge Replacement **03919**  
 ULTRACRIMP® Plugs and Caps, (25 each/pkg) **03999**  
 Rotor Cap **03538**

**TUBES, 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	20,500	29 × 108	<b>03528</b> (25)	Included with Tubes	Plug and Aluminum Cap	—	—	Requires Rotor Cap <b>03538</b> , Tube Racks <b>03529</b> , and ULTRACRIMP® Sealing Tool <b>03920</b> .
50	37	Polypropylene Flanged Tube	20,500	29 × 102	<b>03147</b> (25)	<b>03268</b> (25)	Polypropylene, Snap-on	—	—	
50	39	Polycarbonate Flanged Tube	20,500	29 × 102	<b>03146</b> (25)	<b>03268</b> (25)	Polypropylene, Snap-on	—	—	
50	46	Polyallomer Thin-Walled Tube	20,500	28 × 104	<b>03139</b> (25)	—	—	—	—	
50	41	Polypropylene Oak Ridge Bottle	20,500	28 × 103	<b>03530</b> (25)	<b>03535</b> (25)	Polypropylene, Sealing	—	—	Nonsealing Cap <b>03926</b> (25/pkg) available.
50	38	Polycarbonate Oak Ridge Bottle	20,500	28 × 103	<b>03480</b> (25)	<b>03535</b> (25)	Polypropylene, Sealing	—	—	Nonsealing Cap <b>03926</b> (25/pkg) available.
50	50	Stainless Steel Flanged Tube	20,500	28 × 101	<b>00517</b> (1)	<b>00518</b> (1)	Stainless Steel Sealing	—	—	Requires Wrench <b>01014</b> for tube sealing.
50	50	Stainless Steel Tube	20,500	28 × 101	<b>00579</b> (1)	<b>00518</b> (1)	Stainless Steel Sealing	—	—	Requires Wrench <b>01014</b> for tube sealing.
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> .

(continued on next page)

<sup>(1)</sup>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.

<sup>(2)</sup>Instrument no longer available.

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

**TUBES, BOTTLES FOR SS-34** (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	
30	28	Polycarbonate Oak Ridge Bottle	20,500	25 × 94	03719 (25)	03614 (25)	Polypropylene, Sealing	00419 (1)	1	Nonsealing Cap 03925 (25/pkg) available.
30	28	Polypropylene Oak Ridge Bottle	20,500	25 × 94	03718 (25)	03614 (25)	Polypropylene, Sealing	00419 (1)	1	Nonsealing Cap 03925 (25/pkg) available.
30	31	Corex® Tube	10,000	24 × 105	03163 (10)	—	—	00368 (1)	1	
16	13	Polypropylene Flanged Tube	20,500	18 × 100	03244 (50)	03299 (50)	Polypropylene, Snap-on	00382 (1)	1	
16	14	Polycarbonate Flanged Tube	20,500	18 × 100	03243 (50)	03269 (50)	Polypropylene, Snap-on	00382 (1)	1	
15	12	Corex® Tube	10,500	18 × 102	03286 (25)	—	—	00363 (1)	1	
12	12	Pyrex® Tube	5,000	18 × 102	03109 (50)	—	—	00363 (1)	1	
12	10	Polypropylene Flanged Tube	20,500	16 × 100	03116 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
12	11	Polycarbonate Flanged Tube	20,500	16 × 100	03115 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
10	—	Pyrex® Graduated Tube, Conical	—	18 × 100	—	—	—	00367 (1)	1	
10	9.1	Polypropylene Oak Ridge Bottle	20,500	16 × 83	03929 (50)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	20,500	16 × 83	03020 (25)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9	Polyallomer Thin-Walled Flanged Tube	20,500	13 × 100	03124 (50)	—	—	00473 (1)	1	
10	—	Pyrex® Tube	—	13 × 100	—	—	—	00366 (1)	1	
7	6	Polycarbonate Flanged Tube	20,500	13 × 100	03120 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
7	6	Polypropylene Flanged Tube	20,500	13 × 100	03121 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
4	3	Polypropylene Flanged Tube	20,500	11 × 75	03105 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
4	3	Polycarbonate Flanged Tube	20,500	11 × 75	03104 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
3	3	Pyrex® Tube	5,000	10 × 75	03100 (50)	—	—	00364 (1)	2	
2	3	Cellulose Acetate Butyrate Tube	20,500	7 × 75	03235 (50)	—	—	00410 (1)	4	
1.5	—	Microtube	—	—	—	—	—	00381 (1)	2	
1	1	Cellulose Acetate Butyrate Tube	20,500	7 × 50	03103 (50)	—	—	00408 (1)	4	

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

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