



F-28/50¹
 Titanium Rotor
 10-Place, 50 ml
 Tube Dimensions: 29 × 103 mm
 Fixed-Angle: 34°
 Maximum Speed: 28,000 rpm
 K Factor: 33
 Rotor Mass: 9.4 kg

	RCF (g)	R (cm)
Max.	100,446	11.47
Min.	35,379	4.04

For use in RC-28S, RC-26 Plus, RC-24², RC-5C Plus, RC-5C², RC-5B Plus, RC-5B², RC-5², RC-2B²

Basic Catalog No. 11885

Includes:
 F-28/50 Rotor
 Vacuum Grease **65937**
 Lubricant **61556**
 Rotor Cover Assembly **11886**
 Rotor Cover O-ring (6 supplied) **90703**
 Locking Knob O-ring (6 supplied) **61616**
 Centerhole O-ring (6 supplied) **67745**
 Retaining Ring Pliers **65614**
 Rotor Extractor **01031**
 Instruction Manual **11884**

Complete Catalog No. 11899

Includes Basic Catalog **11885** Plus:
 ULTRACRIMP® Tubes, Polyallomer 50 ml
 (8 pkgs, 25/pkg) **03528³**
 Rotor Cap (10 supplied) **03538**
 Tube Racks (1 pkg, 2/pkg) **03529**
 ULTRACRIMP® and CLEARCRIMP® Tube
 Removal Tool **12826**

Accessories

ULTRACRIMP® Sealing Tool and Crimp
 Gauge **03920**
 Crimp Gauge **03919**
 ULTRACRIMP® Plugs
 and Caps (1 pkg, 25/pkg) **03999**
 Software Update Kit for RC-28S⁴
 Software Rev. Level 5 **12926**
 Software Rev. Level 6 **12927**
 Software Rev. Level 7 **12932**
 Software Update Kit for RC-5C⁴ **12814**

TUBES, BOTTLES

< See page B-3 for Rotor to Centrifuge cross reference >

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	28,000	29 × 108	03528 (25)	Included with tubes	Plug and Aluminum Cap	—	—	Requires Rotor Cap 03538 , Tube Racks 03529 , and ULTRACRIMP® and CLEARCRIMP® Sealing Tool 03920 .
50	41	Polypropylene Oak Ridge Bottle	28,000	28 × 103	03530 (25)	03535 (25)	Polypropylene, Sealing	—	—	
50	38	Polycarbonate Oak Ridge Bottle	28,000	28 × 103	03480 (25)	03535 (25)	Polypropylene, Sealing	—	—	
50	37	Polypropylene Flanged Tube	28,000	29 × 102	03147 (25)	03268 (25)	Polypropylene, Snap-on	—	—	
50	39	Polycarbonate Flanged Tube	28,000	29 × 102	03146 (25)	03268 (25)	Polypropylene, Snap-on	—	—	
50	46	Polyallomer Thin-Walled Tube	28,000	28 × 104	03139 (25)	—	—	—	—	
50	50	Stainless Steel Flanged Tube	28,000	28 × 101	00517 (1)	00518 (1)	Stainless Steel Sealing	—	—	Requires Wrench 01014 for tube sealing.
50	50	Stainless Steel Tube	28,000	28 × 101	00579 (1)	00518 (1)	Stainless Steel Sealing	—	—	Requires Wrench 01014 for tube sealing.
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .

(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⁾Tubes supplied with equal number of plugs and caps

⁽⁴⁾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, BOTTLES FOR F-28/50 (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	31	Corex® Tube	10,000	24 × 105	03163 (10)	—	—	00368 (1)	1	<i>Tube no longer available</i>
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.
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	10,000	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, Nonsealing	00402 (1)	1	
12	11	Polycarbonate Flanged Tube	20,500	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	20,500	16 × 80	03929 (50)	03613 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	20,500	16 × 80	03020 (50)	03613 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9	Polyallomer Thin-Walled	20,500	13 × 100	03124 (50)	—	—	00473 (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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