



**F-16/250<sup>1</sup>**  
 Aluminum Rotor  
 6-Place, 250 ml  
 Tube Dimensions: 61 × 153 mm  
 Fixed-Angle: 23°  
 Maximum Speed: 16,000 rpm  
 K Factor: 1295  
 Rotor Mass: 13.6 kg  
 Autoclavable: 121°C

	RCF (g)	R (cm)
Max.	38,889	13.60
Min.	10,494	3.67

For use in RC-28S, RC-26 Plus, RC-24<sup>3</sup>, RC-5C Plus, RC-5C<sup>3</sup>, RC-5B Plus, RC-5B<sup>3</sup>, RC-5<sup>3</sup>, RC-2B<sup>4</sup>

**Catalog No. 11966**

Includes:  
 F-16/250 Rotor  
 Vacuum Grease **65937**  
 Lubricant **61556**  
 Rotor Cover Assembly **12006**  
 Rotor Cover O-ring (6 supplied) **92233**  
 Locking Knob O-ring (6 supplied) **90442**  
 Centerhole O-ring (6 supplied) **92231**  
 Retaining Ring Pliers **65614**  
 Rotor Extractor **01047**  
 Instruction Manual **12001**

**Accessories**

Software Update Kit for RC-28S<sup>2</sup>  
 Software Rev. Level 5 **12926**  
 Software Rev. Level 6 **12927**  
 Software Rev. Level 7 **12932**  
 Software Update Kit for RC-5C<sup>2</sup> **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	
250	200	Polyallomer Oak Ridge Bottle	16,000	60 × 120	<b>54477</b> (6)	<b>54421</b> (1) Delrin® Screw Cap	<b>12002</b> (1)	1		
250	250	Polypropylene Oak Ridge Bottle	13,000	61 × 124	<b>03937</b> (12)	<b>03278</b> (12) Polypropylene, Sealing	—	1	Nonsealing Cap <b>03927</b> (12/pkg) available.	
250	265	Polycarbonate Oak Ridge Bottle	13,000	61 × 124	<b>03939</b> (12)	<b>03278</b> (12) Polypropylene, Sealing	—	1	Nonsealing Cap <b>03927</b> (12/pkg) available.	
250	280	Polypropylene DRY-SPIN Bottle	13,000	61 × 146	<b>03069</b> (12)	Included with Bottle Polypropylene, Sealing	—	1	Replacement O-ring for sealing assembly <b>03545</b> (24/pkg). Replacement caps <b>06841</b> (12/pkg).	
250	270	Polycarbonate DRY-SPIN	16,000	61 × 146	<b>03098</b> (12)	Included with Bottle Polypropylene, Sealing	<b>00516</b> (1)	1	Replacement O-ring for sealing assembly <b>03545</b> (24/pkg). Replacement caps <b>06841</b> (12/pkg).	
150	144	Polycarbonate Thick-Walled Tube	13,000	45 × 132	<b>03143</b> (25)	—	<b>00458</b> (1)	1		
150	120	Corex® Bottle	5,000	53 × 132	<b>03229</b> (1)	Included with Bottle Polypropylene, Nonsealing	<b>00372</b> (1)	1	Bottle no longer available	
125	100	Corex® Bottle	5,000	53 × 118	<b>03231</b> (1)	Included with Bottle Polypropylene, Nonsealing	<b>00372</b> (1)	1	Bottle no longer available	

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

<sup>(3)</sup>Instrument no longer available.

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

**TUBES, BOTTLES FOR F-16/250** (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	
100	100	Pyrex® Bottle	3,000	44 × 137	<b>03230</b> (1)	Included with Bottle	Polypropylene, Nonsealing	<b>00371</b> (1)	1	
50	—	Tissue Culture Tube, Conical	—	30 × 115	—	—	—	<b>03072</b> (1)	1	
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	<b>00614</b> (1) <b>03072</b> (1)	1 1	
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	<b>03072</b> (1) <b>00614</b> (1)	1 1	
30	31	Corex® Bottle	10,000	24 × 105	<b>03163</b> (10)	—	—	<b>00449</b> (1)	3	Bottle no longer available
15	—	Tissue Culture Tube, Conical	—	17 × 120	—	—	—	<b>00456</b> (1)	5	
14	14	Pyrex® Tube	5,000	18 × 120	<b>03111</b> (50)	—	—	<b>00456</b> (1)	5	
12	10	Polypropylene Flanged Tube	13,000	16 × 100	<b>03116</b> (50)	<b>03266</b> (50)	Polypropylene, Snap-on	<b>00389</b> (1)	7	
12	11	Polycarbonate Flanged Tube	13,000	16 × 100	<b>03115</b> (50)	<b>03266</b> (50)	Polypropylene, Snap-on	<b>00389</b> (1)	7	
10	—	Pyrex® Tube	—	13 × 100	—	—	—	<b>00369</b> (1) and <b>00456</b> (1)	1 5	Adapters <b>00369</b> and <b>00456</b> must be used together.
5	—	Standard Glass Tube	—	12 × 75	—	—	—	<b>00388</b> (1)	12	
5	5	Pyrex® Tube	5,000	12 × 75	<b>03102</b> (50)	—	—	<b>00388</b> (1)	12	
4	—	Standard Glass Tube	—	10 × 75	—	—	—	<b>00388</b> (1)	12	
4	3	Polypropylene Flanged Tube	13,000	11 × 75	<b>03105</b> (50)	<b>03264</b> (50)	Polypropylene, Snap-on	<b>00388</b> (1)	12	
4	3	Polycarbonate Flanged Tube	13,000	11 × 75	<b>03104</b> (50)	<b>03264</b> (50)	Polypropylene, Snap-on	<b>00388</b> (1)	12	
3	3	Pyrex® Tube	5,000	10 × 75	<b>03100</b> (50)	—	—	<b>00370</b> (1) and <b>00456</b> (1)	1 5	Adapters <b>00370</b> and <b>00456</b> must be used together.

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

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