



T-1270

Titanium Rotor
12-Place, 12.5 ml
Tube Dimensions: 16 x 80 mm
Fixed-Angle: 24°
Maximum Speed: 70,000 rpm¹
K Factor: 36.3
Rotor Mass: 5.9

	RCF (g)	R (cm)
Max.	448,811	8.20
Avg.	335,513	6.130
Min.	222,216	4.06

Basic Catalog No. 08259	Complete Catalog No. 54298	Accessories
Includes: T-1270 Rotor Rotor Stand 51942 Vacuum Grease 65937 Lubricant 61556 Overspeed Decal, 70,000 rpm, 08254 Rotor Cover O-ring, Viton®, Extra 67932 Locking Nut O-ring, Viton®, Extra 64667 Rotor Cover 08336 Locking Nut for Cover 08253 Washer for Nut 51301 Rotor Cover Tool 52392 ULTRASPEED Rotor Log Book 52384 Instruction Manual 08255	Includes Basic Catalog No. 08259 Plus: ULTRACRIMP® Tubes, Polyallomer, 11.5 ml (4 pkgs, 50/pkg) 03987 ² Rotor Cap (12 pkgs, 1/pkg) 03993 Tube Racks (1 pkg, 2/pkg) 03922 ULTRACRIMP® and CLEARCRIMP® Tube Removal Tool 12826	ULTRACRIMP® and CLEARCRIMP® Sealing Tool and Crimp Gauge 03920 Crimp Gauge, Replacement 03919 ULTRACRIMP® and CLEARCRIMP® Plugs and Caps, Extra (25 each/pkg) 03999 Rotor Cover Removal Tool 52652 Tool Kit (for Multipiece Sealing Assembly) 52609 . Includes: Tube Cap Vise 52176 , Tube Removal Tool 52177 , Torque Wrench 52881 , 7/16-inch Socket 52882

TUBES, BOTTLES

CAPACITY (ml)		DESCRIPTION	MAX SPEED ¹ (rpm)	DIMEN- SIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY		NOTES
NOM- INAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	
12.5	11.8	Polyallomer Thin-Walled Tube	70,000	16 × 76	03128 (50)	52178 (1) or 52634 (1)	Multipiece, Aluminum; Multipiece, Titanium	Sealing assemblies require Tool Kit 52609 . Aluminum sealing assembly 52178 is used for speeds up to 65,000 rpm only.
11.5	11.5	Polyallomer ULTRACRIMP® Tube	70,000	16 × 76	03987 (50)	Included with Tubes	Plug and Aluminum Cap	Requires Rotor Cap 03993 , Tube Racks 03922 (2/pkg) and ULTRACRIMP® and CLEARCRIMP® Sealing Tool 03920 .
11.5	11.5	Polyethylene- terephthalate CLEARCRIMP® Tube	70,000	16 × 76	01087 (50)	Included with Tubes	Plug and Aluminum Cap	Requires Rotor Cap 03993 , Tube Racks 03922 (2/pkg) and ULTRACRIMP® and CLEARCRIMP® Sealing Tool 03920 .
10	6.8	Polyallomer Thick-Walled Tube	45,000	16 × 71	03238 (50)	—	—	
10	6.8	Polycarbonate Thick-Walled Tube	65,000	16 × 71	03237 (50)	—	—	
10	9.1	Polypropylene Oak Ridge Bottle	50,000	16 × 80	03929 (50)	03613 (25)	Nylon Screw Cap	21,000 rpm maximum speed when partially filled.
10	9.7	Polycarbonate Oak Ridge Bottle	65,000	16 × 80	03020 (25)	03613 (25)	Nylon Screw Cap	50,000 rpm maximum speed when partially filled.
6.3	6.5	Polyallomer Cone-Top™ Tube	70,000	16 × 45	9040 ³ (50)	4248 ³ (1) 4075 ³ (10)	Crown, Noryl® 16 mm Plug, Stainless Steel	Requires Wrench 4088 ³ and Tube Removal Tool 4250 ³ .

⁽¹⁾Non-precipitating solutions up to 1.2 g/ml can be run in this rotor without a reduction in rotor speed.

⁽²⁾Tubes supplied with equal number of plugs and caps.

⁽³⁾Available from Seton Scientific. In U.S. contact Seton at 1-800-543-2134.