



S52-ST
 Titanium Rotor Body
 Titanium Buckets
 4-Place, 5 ml
 Tube Dimensions: 13 x 51 mm
 Swinging-Bucket
 Maximum Speed: 52,000 rpm¹
 K Factor: 78.5
 Rotor Mass: 1.7 Kg

	RCF (g)	R (cm)
Max.	275,458	9.12
Avg.	197,230	6.53
Min.	119,002	3.94

For use in Discovery™ M150 SE,
 Discovery™ M120 SE Ultracentrifuges

Catalog No. 45977	Accessories
Includes: S52-ST Rotor (includes buckets) 5.0 mL Polyallomer Tubes (1 pkg. of 50) 03127 O-rings, Bucket (2 pkg. of 4) 45999 Tweezers Bucket Stand 45312 Bucket Cap Wrench 45277 Rotor Stand 45275 Instruction Manual 45741 Vacuum Grease 65937 Lubricant 61556	ULTRACRIMP® Sealing Tool and Crimp Gauge 03920 Crimp Gauge, Replacement 03919 ULTRACRIMP® Plugs and Caps (25 each/pkg) 03044 ULTRACRIMP® Tube Removal Tool 12826 Tube Racks (2/pkg) 03730 Tube Vise 13 mm x 32 mm 4172 ² Removal Tool, Conical Adapter 4209 ² Buckets (4) 46107

TUBES AND BOTTLES

CAPACITY (ml)		DESCRIPTION	MAX SPEED ¹ (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	
5.0	5.0	Polyallomer Thin-Walled Tube	52,000	13 x 51	03127 (50)	—	—	—	—	
5.0	5.0	Polyethylene-Terephthalate Thin-Walled Tube	52,000	13 x 51	46101 (50)	—	—	—	—	
4.5	4.5	Polyallomer ULTRACRIMP® Tube	52,000	13 x 50	03728 (50)	Included with tubes	Plug and Aluminum Cap	—	—	Requires Tube Racks 03730 and ULTRACRIMP® Sealing Tool 03920 .
3.5	3.5	Polyallomer Thick-Walled Tube	52,000	13 x 51	46102 (50)	—	—	—	—	
3.4	3.4	Polycarbonate Thick-Walled Tube	52,000	13 x 51	46100 (50)	—	—	—	—	
3.5	3.4	Polyallomer Thin-Walled Ultracone™ Tube	52,000	13 x 48	5063 ² (50)	—	—	4227 ² (1)	1	Requires Conical Adapter Removal Tool 4209 ² .
3.5	3.4	Polyethylene-Terephthalate Thin-Walled Ultracone™ Tube	52,000	13 x 48	7063 ² (50)	—	—	4227 ² (1)	1	Requires Conical Adapter Removal Tool 4209 ² . For use ≤10°C only.
3.5	3.1	Polyallomer Cone-Top™ Tube	52,000	13 x 32	9025 ² (50)	4247 ² (1) 4075 ² (10)	Crown, Noryl® 13 mm Plug, Stainless Steel	—	—	Requires Wrench 4088 ² , Tube Removal Tool 4250 ² , and Tube Vise 4172 ² .
2.0	2.0	Polyallomer Cone-Top™ Tube	52,000	13 x 25	9024 ² (50)	4247 ² (1) 4075 ² (10)	Crown, Noryl® 13 mm Plug, Stainless Steel	—	—	Requires Wrench 4088 ² , Tube Removal Tool 4250 ² , and Tube Vise 4172 ² .

¹Non-precipitating solutions up to 1.7 g/ml can be run in this rotor without a reduction in rotor speed.

²Available from Seton Scientific. In U.S. contact Seton at 1-800-543-2134.

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