



**S140-AT**

Titanium Rotor  
 10-Place, 2 ml  
 Tube Dimensions: 11 x 34 mm  
 Fixed Angle: 35°  
 Maximum Speed: 140,000 rpm<sup>1</sup>  
 K Factor: 5.0  
 Rotor Mass: 0.80 Kg

	RCF (g)	R (cm)
Max.	1,048,684	4.79
Avg.	882,296	4.03
Min.	713,718	3.26

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

<b>Catalog No. 45978</b>	<b>Accessories</b>
Includes: S140-AT Rotor 1 ml Polycarbonate Tube (pkg of 100) <b>45237</b> Large O-ring for Cover <b>45986</b> Tweezers Instruction Manual <b>45735</b> Rotor Holding Fixture <b>45266</b> Vacuum Grease <b>65937</b> Lubricant <b>61556</b>	Re-Seal™ Tube Starter Kit <b>45305</b> , Includes: 10 Crowns <b>45306</b> , 10 Plugs 45307, Wrench <b>45308</b> , and Removal Tool <b>45309</b> Re-Seal™ 11 mm x 32 mm Tube Vise <b>45537</b> Re-Seal™ 11 mm x 25 mm Tube Vise <b>45536</b> Rotor Stand <b>45357</b> Cover Opener <b>45173</b>

**TUBES AND BOTTLES**

CAPACITY (ml)		DESCRIPTION	MAX SPEED <sup>1</sup> (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	
2.0	1.9	Polyallomer Re-Seal™ Tube	140,000	11 x 32	<b>45246</b> (50)	<b>45307</b> (10) <b>45306</b> (1)	Plugs, Stainless Steel Crown, Aluminum	Requires Wrench <b>45308</b> , Removal Tool <b>45309</b> and Tube Vise <b>45537</b> .
1.5	1.5	Polyallomer Re-Seal™ Tube	140,000	11 x 25	<b>9013</b> <sup>2</sup> (50)	<b>4075</b> <sup>2</sup> (10) <b>4255</b> <sup>2</sup> (1)	Plugs, Stainless Steel Crown, Aluminum	Requires Wrench <b>4088</b> <sup>2</sup> , Removal Tool <b>4077</b> <sup>2</sup> , and Tube Vise <b>4172</b> <sup>2</sup> .
1.5	1.5	Tube, PA, 1.5 ml, Easy-Seal™ Tube	140,000	11 x 29	<b>6011</b> <sup>2</sup> (50)	<b>4264</b> <sup>2</sup> (1)	Crown Assembly, Aluminum 11mm	Requires Tube Vise <b>4172</b> <sup>2</sup> , Crown Clamp <b>4269</b> <sup>2</sup> , and Tube Removal Tool <b>4014</b> <sup>2</sup> , and Hex Driver <b>4189</b> <sup>2</sup> .
1.5	1.5	Tube, PET, 1.5 ml, Easy-Seal™ Tube	140,000	11 x 29	<b>8011</b> <sup>2</sup> (50)	<b>4264</b> <sup>2</sup> (1)	Crown Assembly, Aluminum 11mm	Requires Tube Vise <b>4172</b> <sup>2</sup> , Crown Clamp <b>4269</b> <sup>2</sup> , and Tube Removal Tool <b>4014</b> <sup>2</sup> , and Hex Driver <b>4189</b> <sup>2</sup> .
1.0	1.0	Polycarbonate Thick-Walled Tube	140,000	11 x 34	<b>45237</b> (100)	—	—	
1.0	1.0	Polyallomer Thick-Walled Tube	120,000	11 x 34	<b>45998</b> (50)	—	—	

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

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

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