



## S55-A

Aluminum Rotor  
8-Place, 13.5 ml  
Tube Dimensions: 16 x 78 mm  
Fixed-Angle: 35°  
Maximum Speed: 55,000 rpm<sup>1</sup>  
K Factor: 56  
Rotor Mass: 1.85 kg

	RCF (g)	R (cm)
Max.	259,839	7.69
Avg.	196,991	5.83
Min. <sup>2</sup>	132,792	3.93

For use in Discovery M120/150,  
Discovery M120/150 SE  
Micro-Ultracentrifuges.

Catalog No. 45979	Accessories
Includes: S55A Rotor 10 ml Polycarbonate Tube (2 pkgs., 50/pkg) <b>03237</b> Rotor Stand <b>45357</b> Cover Opener <b>S203944</b> Vacuum Grease <b>65937</b> , Lubricant <b>61556</b> Tweezers Large Rotor Cover O-ring (2) <b>8062270</b> Small Rotor Cover O-ring (2) <b>45999</b> Instruction Manual <b>45735</b>	Rotor Stand <b>45357</b> Cover Opener <b>S203944</b> ULTRACRIMP® and CLEARCRIMP® Sealing Tool and Crimp Gauge <b>03920</b> Crimp Gauge Replacement <b>03919</b> Software Update Kit for Discovery M120/150 SE or Discovery M120/150 <b>45987</b>

## TUBES

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY		NOTES
NOM-INAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	
13.5	12.7	Polyallomer Re-Seal™ Tube	55,000	16 x 85	<b>45809</b> (50)	<b>45307</b> (10) <b>45810</b> (1)	Plugs, Stainless Steel Crown, Aluminum	Requires Wrench <b>45308</b> , Removal Tool <b>45309</b> and Tube Vise <b>45811</b> .
11.5	10.9	Polyallomer ULTRACRIMP® Tube	55,000	16 x 76	<b>03987</b> (50)	Included with tubes	Plug and Aluminum Cap	Requires Rotor Cap <b>45808</b> , Tube Racks <b>03922</b> (2/pkg), and ULTRACRIMP® Sealing Tool <b>03920</b>
10	9.1	Polycarbonate Oak Ridge Bottle	55,000	16 x 80	<b>03020</b>	<b>03613</b>	Nylon Screw Cap	51,000 rpm maximum speed when partially filled
10	9.1	Polypropylene Oak Ridge Bottle	45,000	16 x 80	<b>03929</b>	<b>03613</b>	Nylon Screw Cap	21,000 rpm maximum speed when partially filled
10	6.8	Polycarbonate Thick-Walled Tube	55,000	16 x 71	<b>03237</b>	—	—	
10	6.8	Polyallomer Thick-Walled Tube	45,000	16 x 71	<b>03238</b>	—	—	

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

<sup>2</sup>Calculated for unsealed tubes.

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