



## ROTOR SPECIFICATIONS

<b>Type</b>	Fixed Angle
<b>Material</b>	Titanium
<b>Capacity</b>	8 x 5.0 mL
<b>Maximum Speed</b>	110,000 rpm
<b>Tube Dimensions Ø x L</b>	13 x 63 mm
<b>Angle</b>	30°
<b>K Factor</b>	15.4
<b>Net Weight</b>	1.07 kg /2.4 lbs
<b>Warranty</b>	5 years

	<b>RCF</b>	<b>RADIUS</b>
<b>Maximum</b>	690,652 xg	51.1 mm
<b>Average</b>	510,893 xg	37.8 mm
<b>Minimum</b>	331,135 xg	24.5 mm

## ROTOR AND ACCESSORIES ORDERING INFORMATION

## S110-AT Rotor Package includes:

<b>Description</b>	<b>Cat. No.</b>
S110-AT Rotor <sup>1</sup>	45539
4.0 mL PC Thick-Walled Tubes (qty. 2 pkg. of 50)	45239
Large O-ring for Cover (qty. 2)	45703
Small O-ring for Cover (qty. 2)	45294
Rotor Holding Fixture	45266
Lubricant	61556
Vacuum Grease	65937
Instruction Manual	45735

## Accessories:

<b>Description</b>	<b>Cat. No.</b>
Starter Kit for use with 13 mm Re-Seal Tubes (Includes 1 Crown (45321), 10 Plugs (45307), Wrench (45308) and Removal Tool (45309))	45320
13 mm x 51 mm Tube Vise	45534
Rotor Stand	45357
Cover Opener	45173

<sup>1</sup> Rotor compatible only with Thermo Scientific Sorvall MTX-150 and MX Series micro-ultracentrifuges.

## LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
5.0	5.1	PA Re-Seal Tube	45248	50	8	110,000	690,652	13 x 51	Closure	45321	1	13 mm Al Crown <sup>2</sup>
									Closure	45307	10	Stainless Steel Plug
									Tool	45308	1	Wrench
									Tool	45309	1	Tube Removal Tool
									Tool	45534	1	Tube Vise
5.0	5.0	PA Easy-Seal Tube	75000508	50	8	80,000	365,304	13 x 51	Closure	75000511	1	13 mm Al Crown <sup>2</sup>
									Tool	75000505	1	Crown Clamp
									Tool	75000506	1	Hex Driver
									Tool	75000507	1	Tube Removal Tool
									Tool	75000481	1	Easy-Seal Tube Vise
4.0	3.4	PC Thick-Walled Tube	45239	50	8	110,000	690,652	13 x 63	–	–	–	–
3.5	3.5	PA Easy-Seal Tube	75000509	50	8	80,000	365,304	13 x 45	Closure	75000511	1	13 mm Al Crown <sup>2</sup>
									Tool	75000505	1	Crown Clamp
									Tool	75000506	1	Hex Driver
									Tool	75000507	1	Tube Removal Tool
									Tool	75000481	1	Easy-Seal Tube Vise
3.5	3.5	PET Easy-Seal Tube	75000510	50	8	80,000	365,304	13 x 45	Closure	75000511	1	13 mm Al Crown <sup>2</sup>
									Tool	75000505	1	Crown Clamp
									Tool	75000506	1	Hex Driver
									Tool	75000507	1	Tube Removal Tool
									Tool	75000481	1	Easy-Seal Tube Vise
1.5	1.5	PA Easy-Seal Tube	75000512	50	8	80,000	365,304	13 x 29	Closure	75000511	1	13 mm Al Crown <sup>2</sup>
									Tool	75000505	1	Crown Clamp
									Tool	75000506	1	Hex Driver
									Tool	75000507	1	Tube Removal Tool
									Tool	75000481	1	Easy-Seal Tube Vise
1.5	1.5	High Performance Microtube	314352H01	100	8	55,000	172,663	11 x 42	Adapter	45587	1	Adapter for Microtube

<sup>2</sup> Must order one crown for each place in the rotor.<sup>3</sup> Tubes must be purchased from manufacturer (cat. no. 430909).

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