



ROTOR SPECIFICATIONS

Type	Swinging Bucket	
Material	Titanium	
Capacity	4 x 5.0 mL	
Maximum Speed	52,000 rpm	
Tube Dimensions Ø x L	13 x 51 mm	
Angle	180°	
K Factor	78.6	
Net Weight	1.7 kg/ 3.7 lbs	
Warranty	5 years	
	RCF	RADIUS
Maximum	275,458 xg	91.2 mm
Average	197,230 xg	65.3 mm
Minimum	119,002 xg	39.4 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

S52-ST Rotor Package Includes:

Description	Cat. No.
S52-ST Rotor ¹	45977
5.0 mL PA Thin-Walled Tube (qty. 1 pkg. of 50)	03127
Bucket O-ring (qty. 8)	45999
Bucket Stand	45312
Bucket Cap Wrench	45277
Rotor Stand	45275
Lubricant	61556
Vacuum Grease	65937
Instruction Manual	45735

Accessories:

Description	Cat. No.
Crimp Gauge Replacement	03919
Noryl Replacement Floating Support Caps (qty. 6)	314358
Tube Removal Tool	12826
Cone-Top 13 mm x 32 mm Tube Vise	45537
Conical Adapter Removal Tool	75000480
Spare Buckets (qty. 4)	46107

¹ Rotor compatible only with Thermo Scientific Sorvall MTX-150, MX Series, Discovery M120 SE and Discovery M150 SE 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	5.0	PA Thin-Walled Tube	03127	50	4	52,000	275,458	13 x 51	—	—	—	—
5.0	5.0	PET Thin-Walled Tube	46101	50	4	52,000	275,458	13 x 51	—	—	—	—
3.5	3.5	PA Thick-Walled Tube	46102	50	4	52,000	275,458	13 x 51	—	—	—	—
2.7	2.7	PC Thick-Walled Tube	45238	50	4	52,000	275,458	13 x 51	—	—	—	—
3.5	3.4	PA Ultracone Tube	75000473	50	4	52,000	275,458	13 x 48	Adapter Tool	75000468 75000480	1 1	Conical Adapter Conical Adapter Removal Tool
3.5	3.4	PET Ultracone Tube	75000519	50	4	52,000	275,458	13 x 48	Adapter Tool	75000468 75000480	1 1	Conical Adapter Conical Adapter Removal Tool
3.5	3.1	PA Cone-Top Tube	75000456	50	4	52,000	275,458	13 x 32	Closure	75000457	1	13 mm Noryl Crown
									Closure	45307	10	Stainless Steel Plug
									Tool	45308	1	Wrench
									Tool	45309	1	Tube Removal Tool
									Tool	45537	1	Tube Vise
2.0	2.0	PA Cone-Top Tube	75000458	50	4	52,000	275,458	13 x 25	Closure	75000457	1	13 mm Noryl Crown
									Closure	45307	10	Stainless Steel Plug
									Tool	45308	1	Wrench
									Tool	45309	1	Tube Removal Tool
									Tool	45537	1	Tube Vise

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