



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Aluminum
Capacity	8 x 13.5 mL
Maximum Speed	58,000 rpm
Tube Dimensions Ø x L	16 x 78 mm
Angle	35°
K Factor	50.0
Net Weight	1.9 kg/ 4.2 lbs
Warranty	5 years

	RCF	RADIUS
Maximum	288,959 xg	76.9 mm
Average	219,067 xg	58.3 mm
Minimum	148,800 xg	39.6 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

S58-A Rotor Package includes:

Description	Cat. No.
S58-A Rotor ¹	45866
10.0 mL PC Thick-Walled Tubes (qty. 2 pkg. of 50)	03237
Large O-ring for Cover (qty. 2)	8062270
Small O-ring for Cover (qty. 2)	45999
Rotor Holding Fixture	45266
Lubricant	61556
Vacuum Grease	65937
Instruction Manual	45735

Accessories:

Description	Cat. No.
Rotor Stand	45357
Cover Opener	45173
Ultracrimp/Clearcrimp Sealing Tool	03920
Crimp Gauge Replacement	03919

¹ Rotor compatible only with Thermo Scientific Sorvall MTX-150 and MX Series micro-ultracentrifuges. Use of this rotor in the Thermo Scientific Sorvall Discovery SE Series requires software upgrade S305612C and S305613C.

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
13.5	12.7	PA Re-Seal Tube	45809	50	8	58,000	288,959	16 x 85	Closure	45810	1	13 mm Al Crown ²
									Closure	45307	10	Stainless Steel Plug
									Tool	45308	1	Wrench
									Tool	45309	1	Tube Removal Tool
									Tool	45534	1	Tube Vise
11.5	10.9	PA Ultracrimp Tube	03987	50	8	58,000	288,959	16 x 76	Closure	Included	50	Ultracrimp Plugs and Caps
									Closure	45808	1	Rotor Cap
									Accessory	03922	2	Tube Rack
									Tool	03920	1	Ultracrimp Sealing Tool
10.0	9.1	PC Thick-Walled Tube ³	03020	25	8	58,000	288,959	16 x 80	Closure	03613	25	PP Sealing Assembly
10.0	6.8	PP Thick-Walled Tube ⁴	03929	50	8	45,000	173,942	16 x 80	Closure	03613	25	PP Sealing Assembly
10.0	6.8	PC Thick-Walled Tube	03237	50	8	58,000	288,959	16 x 71	–	–	–	–
10.0	6.8	PA Thick-Walled Tube	03238	50	8	27,500	64,960	16 x 71	–	–	–	–

² Must order one crown for each place in the rotor.

³ Rated to 50,000 rpm when partially filled.

⁴ Rated to 21,000 rpm when partially filled

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For more information, please visit www.thermoscientific.com/rotors.