

Superspeed Rotors

Thermo Scientific SM-24 Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Aluminum
Capacity	24 x 16 mL
Maximum Speed	20,500 rpm
Maximum Sample Density	1.2 g/mL
Tube Dimensions Ø x L	18 x 102 mm
Angle	28°
K Factor	434 (Outer); 591 (Inner)
Net Weight	7.7 kg /17.0 lbs
Warranty	10 years
Certifications	

	RCF	RADIUS
Maximum	51,965 xg (Outer) 42,717 xg (Inner)	110.7 mm (Outer) 91.0 mm (Inner)
Minimum	25,525 xg (Outer) 16,007 xg (Inner)	53.8 mm (Outer) 34.1 mm (Inner)

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC		
		SORVALL RC-6 Plus Series	SORVALL Evolution RC Series	SORVALL RC-5 Plus Series
SM-24	Max. Speed	20,000 rpm	20,500 rpm	20,000 rpm
	Max. RCF	49,461 xg	51,970 xg	49,461 xg

SM-24 Rotor Package includes:

Description	Cat. No.
SM-24 Rotor	29017
Cover Assembly	29016
Vacuum Grease	76003500
Lubricant	70006692
Instruction Manual	28505

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
16.0	13.0	PP Flanged Tube	03244	50	24	20,500	51,965	18 x 100	Closure	03299	50	PP Snap-on
16.0	14.0	PC Flanged Tube	03243	50	24	20,500	51,965	18 x 100	Closure	03269	50	PP Snap-on
7.0	6.0	PC Flanged Tube	03120	50	24	20,500	51,965	13 x 100	Closure	03265	50	PP Snap-on
									Adapter	00416	1	1 place/adaptor
7.0	6.0	PP Flanged Tube	03121	50	24	20,500	51,965	13 x 100	Closure	03265	50	PP Snap-on
									Adapter	00416	1	1 place/adaptor

Refer to manufacturer's recommendations for product performance information, including cycle limits and chemical compatibility limitations.

Biocontainment certification by the Public Health England, Porton Down, UK, shown to be suitable for use with materials up to ACDP Category 3 as categorized by the Advisory Committee on Dangerous Pathogens.

LABWARE ORDERING INFORMATION CONTINUED

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	Pyrex™ Tube	03102	50	24	5,000	3,091	12 x 75	Adapter	00376	1	1 place/adapter
3.0	3.0	Pyrex Tube	03100	50	24	5,000	3,091	10 x 75	Adapter	00374	1	1 place/adapter
1.5	1.5	Conical Microtube	314352H01	100	24	20,500	51,965	11 x 40	Adapter	00376	1	1 place/adapter

Refer to manufacturer's recommendations for product performance information, including cycle limits and chemical compatibility limitations.

Find out more at thermofisher.com/rotors

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