


Superspeed Rotors

Thermo Scientific A27-6x50 Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Aluminum
Capacity	6 x 50 mL
Maximum Speed	27,000 rpm
Tube Dimensions Ø x L	29 x 108 mm
Angle	34°
K Factor	485
Net Weight	5.58 kg/12.3 lbs
Warranty	10 years
Certifications	

	RCF	RADIUS
Maximum	79,057 x g	97 mm
Minimum	19,561 x g	24 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
A27-6x50	Max. Speed	27,000 rpm	24,000 rpm
	Max. RCF	79,057 x g	62,465 x g

A27-6x50 Rotor Package includes:

Description	Cat. No.
A27-6x50 Rotor	75003007
50 mL Nalgene PPCO Oak Ridge Tube with Sealing Cap (qty. 6)	3139-0050
O-Ring Replacement Kit	75007006
Retaining Ring Pliers	65614
Instruction Manual CD	50136234
Lubricant for Metal Parts	75003786
Vacuum Grease	76003500

Accessories:

Description	Cat. No.
Ultracrimp Sealing Tool and Crimp Gauge	03920
Crimp Gauge Replacement	03919
Extra Plugs and Caps	03999
Rotor Cap	03538

 Biocontainment certification by Public Health England, Porton Down, UK.

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ¹ (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	50.0	PA Ultracrimp Tube	03528	25	6	27,000	79,057	29 x 108	Closure	Included	25	Plugs and Aluminum Caps
									Accessory	03538	1	Rotor Cap
									Accessory	03529	1	Tube Racks
									Accessory	03920	1	Sealing Tool
50.0	43.0	Nalgene™ PC Oak Ridge Tube	3138-0050	50	6	27,000	79,057	29 x 108	Closure	Included	50	PP Sealing
50.0	43.0	Nalgene PPCO Oak Ridge Tube	3139-0050	50	6	27,000	79,057	29 x 107	Closure	Included	50	PP Sealing
50.0	46.0	FEP Oak Ridge Tube	3114-0050	10	6	21,500	50,129	29 x 108	Closure	Included	10	FEP Screw Top
50.0	37.0	PP Flanged Tube	03147	25	6	27,000	79,057	29 x 102	Closure	03268	25	PP Snap-on
50.0	36.0	PC Flanged Tube	03146	25	6	27,000	79,057	29 x 102	Closure	03268	25	PP Snap-on
50.0	46.0	PA Flanged Tube	03139	25	6	27,000	79,057	28 x 104	–	–	–	–
50.0	50.0	SS Flanged Tube	00517	1	6	24,000	62,465	28 x 101	Closure Tool	00518 01014	1 1	SS Sealing Wrench
30.0	28.0	PC Oak Ridge Tube	314348	25	6	27,000	79,057	25 x 94	Closure	314347	1	Aluminum Sealing
									Adapter	75003027	2	1 place/adapter
									Tool	314353	1	Tube Extractor Tool
30.0	28.0	PP Oak Ridge Tube	314349	25	6	27,000	79,057	25 x 94	Closure	314347	1	Aluminum Sealing
									Adapter	75003027	2	1 place/adapter
									Tool	314353	1	Tube Extractor Tool
30.0	–	Glass Tube	–	6	6	–	–	24 x 106	Adapter	00368	1	Optional Caps
16.0	16.0	Nalgene PC Oak Ridge Tube	3138-0016	50	–	27,000	79,057	18 x 107	Closure	Included	–	PA Sealing
									Adapter	75003026	2	1 place/adapter
16.0	16.0	Nalgene PP Oak Ridge Tube	3139-0016	50	–	27,000	79,057	18 x 107	Closure	Included	–	PA Sealing
									Adapter	75003026	2	1 place/adapter
16.0	13.0	PP Flanged Tube	03244	50	6	27,000	79,057	18 x 100	Closure	03299	50	PP Snap-On
									Adapter	75003026	2	1 place/adapter
15.0	–	Glass Tube	–	–	6	11,000	13,122	18 x 102	Adapter	00363	1	1 place/adapter
14.0	11.0	PC Flanged Tube	03246	50	6	27,000	79,057	18 x 75	Closure	03269	50	PP Snap-on
									Adapter	75003025	2	1 place/adapter
12.0	10.0	PP Flanged Tube	03116	50	6	27,000	79,057	16 x 100	Closure	03266	50	PP Nonsealing
									Adapter	75003028	2	1 place/adapter
12.0	11.0	PC Flanged Tube	03115	50	6	27,000	79,057	16 x 100	Closure	03266	50	PP Nonsealing
									Adapter	75003028	2	1 place/adapter
10.0	10.0	Nalgene PP Oak Ridge Tube	3139-0010	50	6	27,000	79,057	16 x 83	Closure	Included	–	PA Sealing
									Adapter	75003024	2	1 place/adapter
10.0	9.1	PP Oak Ridge Tube ²	03929	50	6	27,000	79,057	16 x 80	Closure	03279	25	PP Sealing
									Adapter	75003024	2	1 place/adapter
10.0	9.1	PC Oak Ridge Tube	03020	25	6	27,000	79,057	16 x 80	Closure	03279	25	PP Sealing
									Adapter	75003024	2	1 place/adapter
10.0	10.0	Nalgene PC Oak Ridge Tube	3138-0010	50	6	27,000	79,057	16 x 83	Closure	Included	–	PA Sealing
									Adapter	75003024	1	1 place/adapter
7.0	6.0	PC Flanged Tube	03120	50	12	24,000	62,465	13 x 100	Closure	03265	50	PP Snap-On
									Adapter	00473	2	2 places/adapter
7.0	6.0	PP Flanged Tube	03121	50	12	21,000	47,825	13 x 100	Closure	03265	50	PP Snap-On
									Adapter	00473	1	2 places/adapter
4.0	3.0	PP Flanged Tube	03105	50	12	27,000	79,057	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	2	2 places/adapter
4.0	3.0	PC Flanged Tube	03104	50	12	27,000	79,057	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	2	2 places/adapter
1.5	1.5	Conical Microtube	314352H01	100	18	20,300	44,826	11 x 40	Adapter	75003029	2	3 places/adapter

² Rated to 21,000 rpm when partially filled.

Refer to manufacturer's recommendations for product performance information.

Find out more at thermofisher.com/rotors

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