


Thermo Scientific A27-8x50 Rotor

A27-8x50



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Aluminum
Capacity	8 x 50 mL
Maximum Speed	27,000 rpm
Tube Dimensions Ø x L	29 x 108 mm
Angle	34°
K Factor	408
Net Weight	6.8 kg/15.0 lbs
Warranty	10 years
Certifications	

	RCF	RADIUS
Maximum	87,207 x g	107 mm
Minimum	26,896 x g	33 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
A27-8x50	Max. Speed	27,000 rpm	24,000 rpm
	Max. RCF	87,207 x g	68,905 x g
	Max. Speed at 4 °C	23,500 rpm	20,500 rpm
	Max. RCF at 4 °C	66,063 x g	50,273 x g

A27-8x50 Rotor Package includes:

Description	Cat. No.
A27-8x50 Rotor	75003008
Vacuum Grease	76003500
Lubricant for Metal Parts	75003786
O-Ring Replacement Kit	75007009
Retaining Ring Pliers	65614
Instruction Manual CD	50136234

Accessories:

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

 Biocontainment certification by the Public Health Laboratory Service, Microbiology Services, 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	8	27,000	87,207	29 x 108	Closure	Included	25	Plugs and Aluminum Caps
									Accessory	03538	1	Rotor Cap
									Accessory	03529	2	Tube Racks
									Accessory	03920	1	Crimp Sealing Tool
50.0	37.0	PP Flanged Tube	03147	25	8	27,000	87,207	29 x 102	Closure	03268	25	PP Snap-on
50.0	36.0	PC Flanged Tube	03146	25	8	27,000	87,207	29 x 102	Closure	03268	25	PP Snap-on
50.0	46.0	PA Thin-Walled Tube	03139	25	8	21,000	52,755	28 x 104	—	—	—	—
50.0	46.0	Nalgene™ FEP Oak Ridge Tube	3114-0050	10	8	21,000	52,755	28 x 108	Closure	Included	10	FEP Sealing
50.0	43.0	Nalgene PC Oak Ridge Style Tube	3138-0050	50	8	27,000	87,207	29 x 107	Closure	Included	50	PP Sealing
50.0	43.0	Nalgene PPCO Oak Ridge Style Tube	3139-0050	50	8	27,000	87,207	29 x 107	Closure	Included	50	PP Sealing
50.0	50.0	SS Flanged Tube	00517	1	8	20,000	47,850	28 x 101	Closure	00518	1	Stainless Steel Sealing Wrench
									Tool	01014	1	
30.0	28.0	Nalgene PC Oak Ridge Tube	3138-0030	50	8	27,000	87,207	26 x 102	Closure	Included	50	PP Sealing
									Adapter	75003027	2	1 place/adapter
30.0	28.0	Nalgene PP Oak Ridge Tube	3139-0030	50	8	27,000	87,207	26 x 102	Closure	Included	50	PP Sealing
									Adapter	75003027	2	1 place/adapter
30.0	—	Glass Tube	—	—	8	—	—	24 x 106	Adapter	00368	1	Optional Caps
16.0	16.0	Nalgene PP Oak Ridge Tube	3139-0016	—	—	27,000	87,207	18 x 107	Closure	Included	—	PA Sealing
									Adapter	75003026	2	1 place/adapter
16.0	13.0	PP Flanged Tube	03244	50	8	27,000	87,207	18 x 100	Closure	03299	50	HDPE Sealing
									Adapter	75003026	2	1 place/adapter
16.0	16.0	Nalgene PC Oak Ridge Tube	3138-0016	—	8	27,000	87,207	18 x 107	Closure	Included	—	PA Sealing
									Adapter	75003026	2	1 place/adapter
15.0	15.0	Conical Tube	—	—	8	—	—	—	Adapter	75007321	2	1 place/adapter
14.0	11.0	PC Flanged Tube	03246	50	8	27,000	87,207	18 x 75	Closure	03269	50	PP Snap-on
									Adapter	75003025	2	1 place/adapter
12.0	10.0	PP Flanged Tube	03116	50	8	27,000	87,207	16 x 100	Closure	03266	50	PP Snap on
									Adapter	00402	2	1 place/adapter
12.0	11.0	PC Flanged Tube	03115	50	8	27,000	87,207	16 x 100	Closure	03266	50	PP Snap on
									Adapter	00402	2	1 place/adapter
10.0	9.1	PP Oak Ridge Tube	03929	50	8	27,000	87,207	16 x 80	Closure	03279	25	PP Snap on
									Adapter	75003024	2	1 place/adapter
10.0	10.0	Nalgene PC Oak Ridge Tube	3138-0010	—	—	27,000	87,207	16 x 83	Closure	Included	—	PA Sealing
									Adapter	75003024	2	1 place/adapter
10.0	10.0	Nalgene PP Oak Ridge Tube	3139-0010	—	—	27,000	87,207	16 x 83	Closure	Included	—	PA Sealing
									Adapter	75003024	2	1 place/adapter
10.0	9.1	PC Oak Ridge Tube	03020	25	8	27,000	87,207	16 x 80	Closure	03279	25	PP Sealing
									Adapter	75003024	2	1 place/adapter
7.0	6.0	PC Flanged Tube	03120	50	8	21,000	52,755	13 x 100	Closure	03265	50	PP Snap-On
									Adapter	00473	1	1 place/adapter
7.0	6.0	PP Flanged Tube	03121	50	8	21,000	52,755	13 x 100	Closure	03265	50	PP Snap-On
									Adapter	00473	1	1 place/adapter
4.0	3.0	PP Flanged Tube	03105	50	8	27,000	87,207	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	2	2 place/adapter
4.0	3.0	PC Flanged Tubes	03104	50	16	27,000	87,207	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	2	2 places/adapter
3.0	3.0	GL Pyrex™ Tubes	03100	50	16	5,000	2,991	10 x 75	Adapter	00364	1	2 places/adapter
1.5	1.5	Conical Microtube	314352H01	100	24	27,000	87,207	11 x 40	Adapter	75003029	1	3 places/adapter

Refer to manufacturer's recommendations for product performance information.

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