

Thermo Scientific Sorvall LYNX Superspeed Rotors

Thermo Scientific Fiberlite F20-12x50 LEX Rotor

F20-12x50 LEX



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Carbon Fiber Composite
Capacity	12 x 50 mL
Maximum Speed	20,000 rpm
Tube Dimensions Ø x L	29 x 115 mm
Angle	25°
K Factor	455
Net Weight	5.25 kg/11.5 lbs
Warranty	15 years
Certifications	

	RCF	RADIUS
Maximum	51,428 x g	115 mm
Minimum	25,043 x g	56 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
Fiberlite F20-12x50 LEX	Max. Speed	20,000 rpm	18,000 rpm
	Max. RCF	51,428 x g	41,657 x g
	Max. Speed at 4 °C	20,000 rpm	17,000 rpm
	Max. RCF at 4 °C	51,428 x g	37,157 x g

Fiberlite F20-12x50 LEX Rotor Package includes:

Description	Cat. No.
Fiberlite F20-12x50 LEX Rotor	096-124375
Rotor Lid Assembly	099-124375
O-Ring Refresher Kit ¹	021-124375

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ² (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	46.0	Nalgene™ PC Oak Ridge Tube	3138-0050	50	12	20,000	51,428	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene PPCO Oak Ridge Tube	3139-0050	50	12	20,000	51,428	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene PSF Oak Ridge Tube	3137-0050	50	12	20,000	51,428	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene FEP Oak Ridge Tube	3114-0050	10	12	20,000	51,428	29 x 108	Closure	Included	10	ETFE Screw Cap
30.0	30.0	Nalgene PC Oak Ridge Tube	3138-0030	50	12	20,000	51,428	26 x 102	Closure Adapter	Included 010-0167	50 2	PP Sealing 1 place/adaptor

Biocontainment certification by the Public Health Laboratory Service, Microbiology Services, Porton Down, UK.
¹ Includes 5 O-Rings, 3 O-Ring Grease Packets and 4 oz FiberClene Lab Cleaner (017-0024).
 Refer to manufacturer's recommendations for product performance information.

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ² (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
30.0	30.0	Nalgene PPCO Oak Ridge Tube	3139-0030	50	12	20,000	51,428	26 x 102	Closure	Included	50	PP Sealing
									Adapter	010-0167	2	1 place/adapter
30.0	30.0	Nalgene PSF Oak Ridge Tube	3137-0030	50	12	20,000	51,428	26 x 102	Closure	Included	50	PP Sealing
									Adapter	010-0167	2	1 place/adapter
30.0	30.0	Nalgene FEP Oak Ridge Tube	3114-0030	10	12	20,000	51,428	26 x 102	Closure	Included	10	ETFE Screw Cap
									Adapter	010-0167	2	1 place/adapter
16.0	16.0	Nalgene PC Oak Ridge Tube	3138-0016	50	12	20,000	51,428	18 x 107	Closure	Included	50	PP Sealing
									Adapter	010-0382	2	1 place/adapter
16.0	16.0	Nalgene PPCO Oak Ridge Tube	3139-0016	50	12	20,000	51,428	18 x 107	Closure	Included	50	PP Sealing
									Adapter	010-0382	2	1 place/adapter
15.0	-	Corning™ Disposable Conical Tube ³	-	-	12	-	-	-	Closure	Included	-	PP Sealing
									Adapter	010-1123	2	1 place/adapter
15.0	-	Falcon™ Disposable Conical Tube ³	-	-	12	-	-	-	Adapter	010-1123	2	1 place/adapter
14.0	11.0	PC Flanged Tube	03246	50	12	20,000	51,428	18 x 75	Closure	03269	50	PP Snap-on
									Adapter	75003025	2	1 place/adapter
10.0	8.0	Nalgene PPCO Oak Ridge Tube	3139-0010	50	12	20,000	51,428	16 x 82	Closure	Included	50	PP Sealing
									Adapter	010-1306	2	1 place/adapter
10.0	8.0	Nalgene PC Oak Ridge Tube	3138-0010	50	12	20,000	51,428	16 x 82	Closure	Included	50	PP Sealing
									Adapter	010-1306	2	1 place/adapter
10.0	-	BD Vacutainer™ Tube	-	-	12	-	-	16 x 100	Adapter	010-1068	2	1 place/adapter
4.0	3.0	PP Flanged Tube	03105	50	24	20,000	47,850	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	1	2 places/adapter
4.0	3.0	PC Flanged Tube	03104	50	24	20,000	47,850	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	1	2 places/adapter
3.0	-	BD Vacutainer Tube	-	-	12	-	-	10 x 64	Adapter	010-1128	2	1 place/adapter
1.5	1.5	Conical Microtube	314352H01	100	36	20,000	51,428	11 x 40	Adapter	75003029	2	3 place/adapter
1.0	1.0	BD Microtainer™ Tube	-	-	36	-	-	8 x 48	Adapter	010-1127	2	3 places/adapter

³ Listed Max Speeds for Conical Disposable tubes may be higher than OEM tube specifications and may result in crazing and other cosmetic damage to the tube. Do not use these tubes more than once. Refer to manufacturer's recommendations for product performance information.

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