

Superspeed Rotors

Thermo Scientific Fiberlite F13-14x50cy Rotor



ROTOR SPECIFICATIONS

| | |
|------------------------|------------------------|
| Type | Fixed Angle |
| Material | Carbon Fiber Composite |
| Capacity | 14 x 50 mL |
| Maximum Speed | 13,000 rpm |
| Maximum Sample Density | 1.2 g/mL |
| Tube Dimensions Ø x L | 29 x 115 mm |
| Angle | 34° |
| K Factor | 916.0 |
| Net Weight | 7.03 kg/15.5 lbs |
| Warranty | 15 years |
| Certifications | |

| | RCF | RADIUS |
|---------|-----------|----------|
| Maximum | 29,000 xg | 153.0 mm |
| Minimum | 15,710 xg | 83.0 mm |

ROTOR AND ACCESSORIES ORDERING INFORMATION

| | | THERMO SCIENTIFIC SORVALL RC-6 Plus/ RC-5 Series |
|-----------------------|--------------------|--|
| Fiberlite F13-14x50cy | Cat. No. | 46922 |
| | Max. Speed | 13,000 rpm |
| | Max. RCF | 29,000 xg |
| | Sample Containment | |

Fiberlite F13-14x50cy Rotor Package includes:

| | | |
|--|----------------------|------------|
| | Rotor Lid Assembly | 099-145001 |
| | O-ring Refresher Kit | 021-145001 |

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 |
| 50.0 | 50.0 | Nunc™ Disposable Conical Tube ¹ | 339653 | 25 | 14 | 8,690 | 13,000 | 30 x 115 | Closure | Included | 25 | PP Sealing |
| 50.0 | – | Corning™ Disposable Conical Tube ¹ | – | – | 14 | 13,000 | 29,000 | – | – | – | – | – |
| 50.0 | – | BD Falcon™ Disposable Conical Tube ¹ | – | – | 14 | 13,000 | 29,000 | – | – | – | – | – |
| 50.0 | – | Millipore Amicon™ Filtration Tube | – | – | 14 | 5,000 | 4,300 | – | – | – | – | – |
| 50.0 | 46.0 | Nalgene PC Oak Ridge Tube | 3138-0050 | 50 | 14 | 13,000 | 29,000 | 29 x 108 | Closure Adapter | Included 010-0377 | 50 2 | PP Sealing 1 place/adaptor |

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

denotes 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.

¹ 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.

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 |
| 50.0 | 46.0 | Nalgene PPCO Oak Ridge Tube | 3139-0050 | 50 | 14 | 13,000 | 29,000 | 29 x 108 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-0377 | 2 | 1 place/adapter |
| 50.0 | 46.0 | Nalgene PSF Oak Ridge Tube | 3137-0050 | 50 | 14 | 13,000 | 29,000 | 29 x 108 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-0377 | 2 | 1 place/adapter |
| 50.0 | 46.0 | Nalgene FEP Oak Ridge Tube | 3114-0050 | 10 | 14 | 13,000 | 29,000 | 29 x 108 | Closure Adapter | Included | 10 | ETFE Screw Cap |
| | | | | | | | | | | 010-0377 | 2 | 1 place/adapter |
| 30.0 | 30.0 | Nalgene PC Oak Ridge Tube | 3138-0030 | 50 | 14 | 13,000 | 29,000 | 26 x 102 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-1147 | 2 | 1 place/adapter |
| 30.0 | 30.0 | Nalgene PPCO Oak Ridge Tube | 3139-0030 | 50 | 14 | 13,000 | 29,000 | 26 x 102 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-1147 | 2 | 1 place/adapter |
| 30.0 | 30.0 | Nalgene PSF Oak Ridge Tube | 3137-0030 | 50 | 14 | 13,000 | 29,000 | 26 x 102 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-1147 | 2 | 1 place/adapter |
| 30.0 | 30.0 | Nalgene FEP Oak Ridge Tube | 3114-0030 | 50 | 14 | 13,000 | 29,000 | 26 x 102 | Closure Adapter | Included | 50 | ETFE Screw Cap |
| | | | | | | | | | | 010-1147 | 2 | 1 place/adapter |
| 16.0 | 16.0 | Nalgene PC Oak Ridge Tube | 3139-0016 | 50 | 14 | 13,000 | 29,000 | 18 x 107 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-0376 | 2 | 1 place/adapter |
| 16.0 | 16.0 | Nalgene PPCO Oak Ridge Tube | 3138-0016 | 50 | 14 | 13,000 | 29,000 | 18 x 107 | Closure Adapter | Included | 50 | PP Sealing |
| | | | | | | | | | | 010-0376 | 2 | 1 place/adapter |
| 15.0 | – | Corning Disposable Conical Tube ² | – | – | 14 | 13,000 | 29,000 | – | Adapter | 75100378 | 2 | 1 place/adapter |
| 15.0 | – | BD Falcon Disposable Conical Tube ² | – | – | 14 | – | – | – | Adapter | 75100378 | 2 | 1 place/adapter |
| 15.0 | – | Millipore Amicon Filtration Devices ² | – | – | 14 | 5,400 | 4,300 | – | Adapter | 010-1340 | 2 | 1 place/adapter |
| 15.0 | 15.0 | Nunc EZ Flip™ Conical Tube | 362694 | – | 14 | 13,000 | 29,000 | – | Adapter | 010-1340 | 2 | 1 place/adapter |
| 15.0 | 15.0 | Nunc Conical Tube | 366036 | 25 | 14 | 9,000 | 13,400 | 17 x 120 | Closure Adapter | Included | 25 | PP Sealing |
| | | | | | | | | | | 010-1340 | 2 | 1 place/adapter |
| 10.0 | 8.0 | Nalgene PPCO Oak Ridge Tube | 3139-0010 | 10 | 14 | 13,000 | 29,000 | 16 x 100 | Closure Adapter | Included | 10 | PP Sealing |
| | | | | | | | | | | 010-1311 | 2 | 1 place/adapter |
| 10.0 | 8.0 | Nalgene PC Oak Ridge Tube | 3138-0010 | 10 | 14 | 13,000 | 29,000 | 16 x 100 | Closure Adapter | Included | 10 | PP Sealing |
| | | | | | | | | | | 010-1311 | 2 | 1 place/adapter |
| 10.0 | – | Vacutainer™ Tube ² | – | – | 14 | – | – | 16 x 100 | Adapter | 010-1124 | 2 | 1 place/adapter |

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

²Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

Note: Thermo Scientific Sorvall RC-6 Plus centrifuges manufactured prior to March 2009 may require software upgrade 314295G01 (NA) or HKKS308102E (Europe and Asia Pacific).

Find out more at thermofisher.com/rotors

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