



## Thermo Scientific SL 16 and SL 40 Centrifuge Series

- ▶ Unmatched capacity, ergonomics and value for routine processing needs

## Global Leader in **Quality and Reliability**

For more than 100 years, Thermo Scientific centrifuges have delivered outstanding performance and reliability in the lab. From basic benchtop instruments to advanced floor models, we take pride in manufacturing centrifuges that offer exceptional quality for consistent results year after year.



# ▶ Thermo Scientific SL 16 and SL 40 Centrifuge Series

The Thermo Scientific SL general purpose centrifuge series provides industry-leading capacity and ergonomics at an exceptional value for everyday sample preparation – clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



4x400 ml **SL 16**



4x750 ml **SL 40**



**Now available**  
in floor-standing  
configuration, requiring  
less than 0.5 m<sup>2</sup> (5.5 ft<sup>2</sup>)

## Unparalleled Throughput

**Accelerate your productivity with unmatched capacity in minimum bench space**

- SL 16**
- 32 to 76 x 5/7 ml blood tubes with the TX-200 or TX-400 rotors
  - Up to 16 x 50 ml conical tubes in our standard TX-400 swing-out rotor

- SL 40**
- Up to 108 x 5/7 ml blood tubes or 28 x 50 ml conical tubes with the TX-750 rotor
  - Up to 196 x 5/7 ml blood tubes or up to 40 x 50 ml conical tubes with the high capacity BIOLiner rotor

## Exceptional Ergonomics

**Achieve safe, simple and comfortable daily operation with our breakthrough innovations, while operating at a convenient working height of only 31 cm/ 12.4 in.**

# exceptional capacity boosts productivity



Our SL 16 and SL 40 centrifuge series are available in both ventilated and refrigerated units, ideal for a range of routine applications and temperature-sensitive sample processing with control between -10°C and +40°C.



## Breakthrough Thermo Scientific Technologies

### **Auto-Lock® III Rotor System**

#### **Secure locking system delivers:**

- Installation and exchange of rotors with just the push of a button for quick switch between applications
- Easy chamber access enables cleaning convenience, reducing contamination risk and leading to improved research and a healthier working environment

### **ClickSeal® Bucket Sealing System**

#### **Innovative biocontainment solution provides:**

- Simple operation eliminating screw caps and complicated clips
- Glove-friendly, one-handed open/close capability
- Biocontainment certification by HPA, Porton Down, UK (formerly CAMR)
- Transparent and biocompatible polyetherimide (PEI) sealing covers have broad chemical resistance, excellent thermal properties and exceptional strength for durability

### **SMARTSpin® Technology**

- Dynamic technology improves safety and run results by considering chamber temperature, rotor and bucket combination and selected speed to auto-correct maximum rotor speed, calibrate the imbalance detector and optimize motor power during acceleration and braking

Experience these breakthrough technologies in action at –  
[www.thermoscientific.com/centrifugevideos](http://www.thermoscientific.com/centrifugevideos)





# energy savings

## Advanced Technology for Resource Efficiency

- > Less energy is consumed per tube – up to 40% fewer watts per tube than competing models - since larger capacity reduces number of runs required for a given batch of samples
- > 15% energy savings compared with standard stand-by power consumption with unique "powersave" feature
- > Reduce capital investment and eliminate unnecessary equipment disposal issues with longer lifetime of Fiberlite rotors – warrantied for 15 years
- > Compliance with RoHS (Restriction of Hazardous Substances Directive) and WEE (Waste Electrical and Electronic Equipment Directive)

### Fiberlite® Carbon Fiber Rotors

- Maximize centrifuge performance with increased capacity, faster speeds and higher g-force

### Motorized Lid Latch

- One finger downward motion for easiest closing and locking – even on tall benches
- Optional automatic lid opening at end of run – for quicker routine procedures

### Compact, Comfortable Design

- Exceptional capability in compact dimensions maximizes workspace
- Low profile and curved design ensure comfortable loading and unloading of samples and cleaning of the unit

### In Vitro Diagnostics (IVD) Compliant

- Conforms to the latest clinical and safety standards
- Ensure risk management, verification and validation data in the manufacturing process

# intuitive controls simplify operation

▶ The SL centrifuge series features easy-to-use controls with detailed information on a wide range of operating parameters and processing status.

## Dedicated Program Keys

Immediate storage and access to your most frequently used programs with unique writing area for naming programs

## Accessible Programming

Easily adjust speed, time and temperature, even during the run with quick scrolling function

## Easy to Read and Use

- Highly visible, backlit display for clear reading of parameters from across the lab
- Multilingual instructions, including English, German, French, Spanish, Russian, Italian and Dutch, on programming, run conditions, alerts and service messages
- Glove- and detergent-friendly panel



### ▲ Program Keys

Direct access to 6 most frequently used programs with one keystroke save and recall.



### Dataport Option

To transport data to a PC, a dataport kit is available (cat. no. 50124205 for SL 16 Centrifuge series and 20190345 for SL 40 Centrifuge series)

### ▲ Speed Control:

Immediate toggle between RCF and speed control up to 25830 x g or 15200 rpm

### ▲ Temp: (refrigerated unit)

Control temperatures between -10°C and +40°C

### Pre-Temp: (refrigerated unit)

Achieve 4°C from ambient 23°C in 15 minutes\*

### ▲ Accel/Decel:

Choice of 9 acceleration and 10 deceleration rates

### ▲ Bucket:

Quickly adjust rotor parameters for optimal RCF calculation and temperature management

# Thermo Scientific SL 40F Centrifuge Series save valuable lab space

**The SL centrifuge series is available in floor-standing configuration to conserve valuable bench space and, with a smaller footprint than a rolling cart, saves additional lab space.**

The SL 40F centrifuges feature movable, locking casters and improved performance and capacity compared to the benchtop models with an extended rotor and accessory set. Easily transported, positioned and safely locked for enhanced flexibility. Ergonomic operation at a working height of 79 cm/31.1 in, ideal for loading and unloading rotors, reducing both overreaching and lifting effort.

## advanced and intuitive controls optimize performance

### Display of SET and ACTUAL parameters

### Dual Timing Mode

- > At-start standard timing down from pushing "Start" button
- > At-speed for ultimate replication of result

### Dual Temperature Mode

- > Air/Chamber temperature
- > Sample temperature

**99 programs library**, supporting high-throughput laboratories

**Convenient numeric keyboard** for direct input – without scrolling – of program parameters, reducing preparation time

**Superior security** with optional password protection, ideal for multi-user environments

- > For programs: prevents accidental adjustments or removal
- > To open lid: ensures samples are only removed from the temperature controlled chamber by the researcher who has set the password








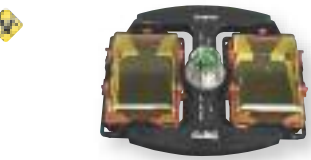


- ▲ **Pulse:**  
Ideal for short runs
- ▲ **Open:**  
Motorized latch with optional automatic opening



# Incredible Capacity and Productivity



Our SL 16 and SL 40 centrifuge series feature a wide range of rotors to meet your general purpose processing requirements.

Swinging Bucket Rotors		SL 16/16R
	<p><b>TX-200</b>  <b>High Speed Productivity</b>                      Serving primary swing-out processing needs, with a capacity of 32 blood tubes or 4 conical tubes per run in sealed conditions, achieve an impressive mix of speed and accelerating/braking power.</p>	<p><b>5500 rpm</b>  <b>5580 xg</b></p>
	<p><b>TX-400</b>  <b>Maximum Flexibility</b>                      Designed for a broad range of laboratory throughput needs, with a capacity of 76 blood tubes and up to 16 conical tubes in a single run, for the highest configuration flexibility on the market.</p>	<p><b>5000 rpm</b>  <b>4696 xg</b></p>
	<p><b>TX-750</b>  <b>Outstanding Versatility</b>                      Delivers maximum flexibility at 4700 rpm and features a choice of round or rectangular buckets with multiple adapters as well as microplate carriers.</p>	
	<p><b>BIOLiner®</b>  <b>Exceptional capacity</b>                      Significantly improves productivity – process over 100% more 50 ml conical tubes or 100% more blood tubes with biocontainment sealing per run than with competitive models. Certified sealed microplate carriers expand application options.</p>	
	<p><b>HIGHPlate® 6000</b>  <b>Filtration Quality</b>                      For filter plate users, ideal for DNA purification protocols, delivering more than 6000 xg and meeting the needs of several filtration devices.</p>	
	<p><b>M-20</b>  <b>Compact Processing</b>                      Centrifuges up to 6 microplates in optional certified sealed conditions with transportable carriers and the versatility of Auto-Lock rotor installation.</p>	<p><b>4000 rpm</b>  <b>2272 xg</b></p>
	<p><b>Fiberlite H3-LV</b>  <b>Unmatched Microplate Capacity and Flexibility</b>                      Perfect for pelleting cells and cellular debris, protein precipitation, plasmid purification and collecting physiological fluids for diagnostic tests. In addition, achieve high-volume microplate processing with a capacity of 8 deepwell blocks or 28 microplates.</p>	
	<p><b>BIOShield® 720 and BIOShield 1000A</b>  <b>Excellent Performance</b>                      Runs frequently used tubes above 7000 xg with the confidence and simplicity of a single, certified biosafety lid.</p>	<p><b>5300 rpm</b>  <b>5088 xg</b>  <b>BIOShield 720</b></p>

 Biocontainment certified by CAMR, HPA, Porton Down, UK.

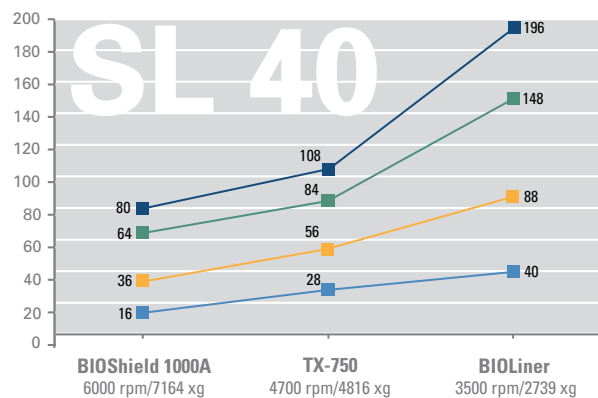
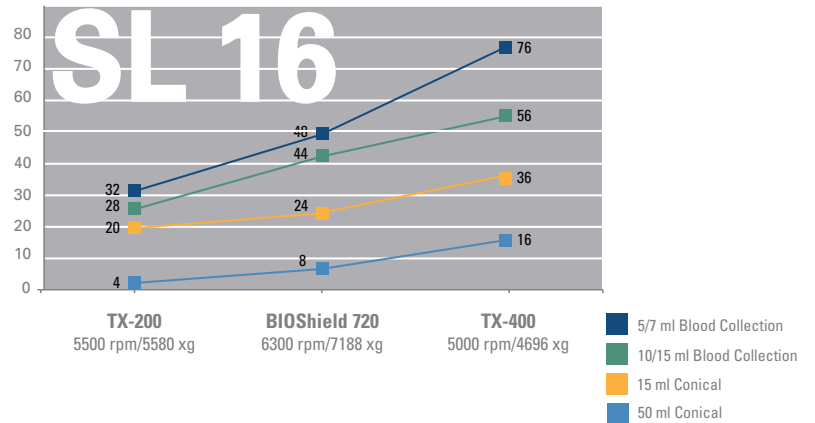


SL 40/40R	SL 40F/40FR
4700 rpm 4816 xg	4700 rpm 4816 xg
3500 rpm 2739 xg	3500 rpm 2739 xg
	6300 rpm 6168 xg
4000 rpm 2272 xg	4000 rpm 2272 xg
	3600 rpm 2738 xg
5300 rpm 5590 xg BIOShield 1000A	6000 rpm 7164 xg BIOShield 1000A











**Rotor stand** is now available to store your rotor when not in use, allowing rotors and buckets to be removed and kept simply and safely (cat. no. 75003711).

### Tube Capacity Selector Guide




# Unmatched Capacity and Speed

*SL 16 and SL 40 centrifuge rotors, continued*

Fixed Angle Rotors		SL 16/16R
	<p><b>Fiberlite F14-6x250 LE</b> Ideal for pelleting bacteria or yeast cells at above 18500 xg and for purifying nucleic acids and cells.</p>	
	<p><b>Fiberlite F15-6x100y</b> Durable design for general purpose pelleting of organelles, density gradients and various protocols requiring angle centrifugation of disposable conical tubes up to 24700 xg.</p>	<p><b>13000 rpm</b> <b>18516 xg</b></p>
	<p><b>Fiberlite F13-14x50cy</b> Ideal for pelleting prokaryotic and eukaryotic cells from cell cultures and with our generous 14-place capacity and high maximum RCF (12300-17100 xg), features more than double the throughput of an industry standard angle rotor.</p>	
	<p><b>Fiberlite F15-8x50cy</b> Achieving more than 24000 xg, pellet cells, bacteria, subcellular fractions and small amounts of nucleic acids and viruses in disposable conical tubes.</p>	
	<p><b>CLINIConic®</b> Spin 30 x 15 ml round or conical tubes and ensure acceleration and throughput for cell culture and blood separation applications.</p>	<p><b>5650 rpm</b> <b>4997 xg</b></p>
	<p><b>8 x 50 Sealed</b> Ideal for TB sputum applications, centrifuge 8 conical tubes in individually sealed vessels, which can be prepared remotely, with rapid acceleration and processing times.</p>	<p><b>6700 rpm</b> <b>7177 xg<sup>1</sup></b></p>
	<p><b>HIGHConic® II</b> Process 6 x 94 ml tubes between 10000 and 15000 xg in certified sealed conditions.</p>	<p><b>8500 rpm</b> <b>10178 xg</b></p>
	<p><b>Micro-Volume Rotors</b> Perfect blend of capabilities to support micro-volume protocols, such as nucleic acid or protein lysate preparation and PCR reaction set-up. With Auto-Lock rotor exchange, transform your general purpose unit into a powerful microcentrifuge in less than 3 seconds!</p>	
	<p><b>Fiberlite F21-48x2.0</b></p>	
	<p><b>Microliter 30 x 2</b></p>	<p><b>15200 rpm</b> <b>25830 xg</b></p>
	<p><b>Microliter 48 x 2</b></p>	

<sup>1</sup> Performance with 230 V centrifuge models.

 Biocontainment certified by CAMR, HPA, Porton Down, UK.

SL 40/40R	SL 40F/40FR
	11000 rpm 18533 xg <sup>1</sup>
13000 rpm 18516 xg	15000 rpm 24652 xg
	10000 rpm 17105 xg
	14500 rpm 24446 xg
10350 rpm 15090 xg	10350 rpm 15090 xg
15200 rpm 25055 xg	15200 rpm 25055 xg
15200 rpm 25314 xg	15200 rpm 25314 xg



## Thermo Scientific Fiberlite Rotors Superspeed performance on the benchtop

Fiberlite carbon fiber rotors maximize the performance of SL general purpose centrifuges with increased capacity, faster speeds and higher g-force (up to 25,000 xg), now within your reach.

### Unequaled durability and cleaning convenience

- Corrosion- and fatigue-resistance eliminates serious safety hazards caused by exposure to moisture and everyday laboratory chemicals.

### Improved ergonomics and productivity

- Lightweight design provides faster acceleration/deceleration rates for shorter run times, as well as a safer work environment

### Certified safe sample containment

- In case of tube or bottle failure, fluids are contained in a special curved annulus at the top of rotors with Enhanced Liquid Containment (ELC)
- Enhanced containment of biohazardous samples is achieved with rotors featuring Bioseal technology, certified by HPA, Porton Down, UK (formerly CAMR)

### Complete workflow in disposable conical tubes

- Supports complete workflow in single disposable conical tube for cost efficiencies and waste reduction
  - > Protect from contamination risk, eliminate sample transfers and non-productive tasks, such as autoclaving
  - > Reduce processing times by spinning at maximum speeds up to 24,500 xg without risk of tube damage
- Enhanced support for conical tubes, enabling many popular tubes to be spun above their rated RCF<sup>2</sup>
- Process 15 ml conicals with available adapters for flexibility

### Exceptional value

- A secure investment, backed by a 15-year warranty ensures dependable results over an extended lifetime

<sup>2</sup>: Please contact your sales representative for details of recommended tube suppliers.



TX-200  
Swinging Bucket Rotor<sup>1</sup>

## Thermo Scientific Rotors and Adapters

		SL 16/16R		SL 40/40R		SL 40F/40FR			
Cat. No	Description	Rotor Capacity (Places x Volume)	Max Tube Dimensions (Ø x L, mm)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
75003658	<b>TX-200 Swinging Bucket Rotor*</b>								
75003659	<b>Round Buckets (set of 4), 90°, R<sub>max</sub> 165 mm</b>	4 x 180 ml		5500 5250 <sup>2</sup>	5580 5084 <sup>2</sup>	n/a	n/a	n/a	n/a
75003660	<b>ClickSeal Biocontainment Lids for Round Buckets (set of 4)</b>								
75003687	Replacement O-rings for Lids (set of 4)								
	<b>Adapters for Round Buckets (sets of 4)</b>								
No adapter needed	1 180 ml Polypropylene Screw Cap Bottle (75003800, pkg of 12)	4 x 180 ml	56.5 x 123						
75003801	2 100 ml Round Bottom Open-Top Tube	4 x 100 ml	48 x 122						
75003802	3 50 ml DIN Round Bottom Tube	4 x 50 ml	35 x 126						
75003815	4 50 ml Round Bottom Tube	4 x 50 ml	32 x 126						
75003803	5 50 ml Conical or Skirted Tube	4 x 50 ml	29.5 x 126						
75003804	6 25 ml Universal Tube	4 x 25 ml	25.5 x 118						
75003805	7 25 ml DIN Round/Flat Bottom Tube	8 x 25 ml	25 x 118						
75003806	8 20 ml Round Bottom Tube	12 x 25 ml	22 x 125						
75003771	9 15 ml Conical Tube	20 x 20 ml	17 x 121						
75003809	10 15 ml Blood Collection Tube	16 x 15 ml	17 x 121						
75003807	11 14 ml Conical Urine Tube	8 x 14 ml	17 x 114						
75003808	12 10 ml Blood Collection or 15 ml Corex®/Kimble® Tube	28 x 10/15 ml	17 x 121						
75003785	13 5/7 ml or 4.5/6 ml Blood Collection Tube	32 x 5/7 ml	13 x 122						
75003810	14 5/7 ml Round Bottom Open-Top Tube	36 x 5/7 ml	13 x 118						
75003811	15 3/5 ml RIA or Round Bottom Tube (without cap)	48 x 3/5 ml	12 x 124						
75003812	16 1.5/2 ml Conical Microtube	48 x 2 ml	11 x 45						


<sup>1</sup> Buckets and lids sold separately

<sup>2</sup> 120 V ventilated centrifuge



TX-400  
Swinging Bucket Rotor<sup>1</sup>

## Thermo Scientific Rotors and Adapters

Cat. No	Description	Rotor Capacity (Places x Volume)	Max Tube Dimensions (Ø x L, mm)	SL 16/16R		SL 40/40R		SL 40F/40FR	
				Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
<b>75003629</b>	<b>TX-400 Swinging Bucket Rotor</b>								
<b>75003655</b>	<b>Round Buckets (set of 4), 90°, R<sub>max</sub> 168 mm</b>	<b>4 x 400 ml</b>		<b>5000</b>	<b>4696</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
 <b>75003656</b>	<b>ClickSeal Biocontainment Lids for Round Buckets (set of 4)</b>								
<b>75003657</b>	Replacement O-rings for Lids (set of 4)								
	<b>Adapters for Round Buckets (sets of 4)</b>								
No adapter needed	<b>17</b> 400 ml Polypropylene Bio-Bottle (75007585, pkg of 12)	4 x 400 ml	80 x 125						
<b>75003788</b>	<b>18</b> 250 ml Thermo Scientific Nalgene Oak Ridge Bottle	4 x 250 ml	62 x 135						
<b>75003788</b>	<b>18</b> 200 ml Thermo Scientific Nunc Conical Bottle + Nunc no. 377585	4 x 200 ml	62 x 125						
<b>75003788</b>	<b>18</b> 225 ml and 175 ml BD Falcon™ Conical Bottle + BD no. 352090	4 x 175 ml	62 x 125						
<b>75003708</b>	<b>19</b> 100 ml Round Bottom Open-Top Tube	4 x 100 ml	45 x 117						
<b>75003707</b>	<b>20</b> 50 ml DIN Round Bottom Tube	12 x 50 ml	34.5 x 105						
<b>75003799</b>	<b>21</b> 50 ml Round Bottom Tube	16 x 50 ml	28.5 x 114						
<b>75003683</b>	<b>22</b> 50 ml Conical Tube	16 x 50 ml	29.5 x 116						
<b>75003703</b>	<b>23</b> 30/25 ml DIN Round/Flat Bottom Tube	20 x 30 ml	25.5 x 108						
<b>75003706</b>	<b>24</b> 25 ml Universal Tube	12 x 20 ml	25 x 110						
<b>75003682</b>	<b>25</b> 15 ml Conical Tube	36 x 15 ml	17 x 121						
<b>75003794</b>	<b>26</b> 15 ml Blood Collection Tube (17 x 125 mm)	16 x 15 ml	15.5 x 131						
<b>75003704</b>	<b>27</b> 15 ml Round Bottom Tube (Sarstedt®)	40 x 15 ml	17 x 105						
<b>75003798</b>	<b>28</b> 14 ml Conical Urine Tube	28 x 14 ml	17 x 112						
<b>75003681</b>	<b>29</b> 10 ml Blood Collection or 15 ml Corex/Kimble Tube	56 x 10/15 ml	17 x 113						
<b>75003680</b>	<b>30</b> 5/7 ml Blood Collection Tube (Vacutainer®)	76 x 5/7 ml	13 x 110						
<b>75003825</b>	4.5/6 ml Blood Collection Tube (Greiner®)	64 x 4.5/6 ml	13 x 110						
<b>75003793</b>	<b>31</b> 3 ml RIA or Round Bottom Tube (without cap)	76 x 3/5 ml	11 x 110						
<b>75003700</b>	<b>32</b> 1.5/2 ml Conical Microtube	136 x 2 ml	11 x 45						



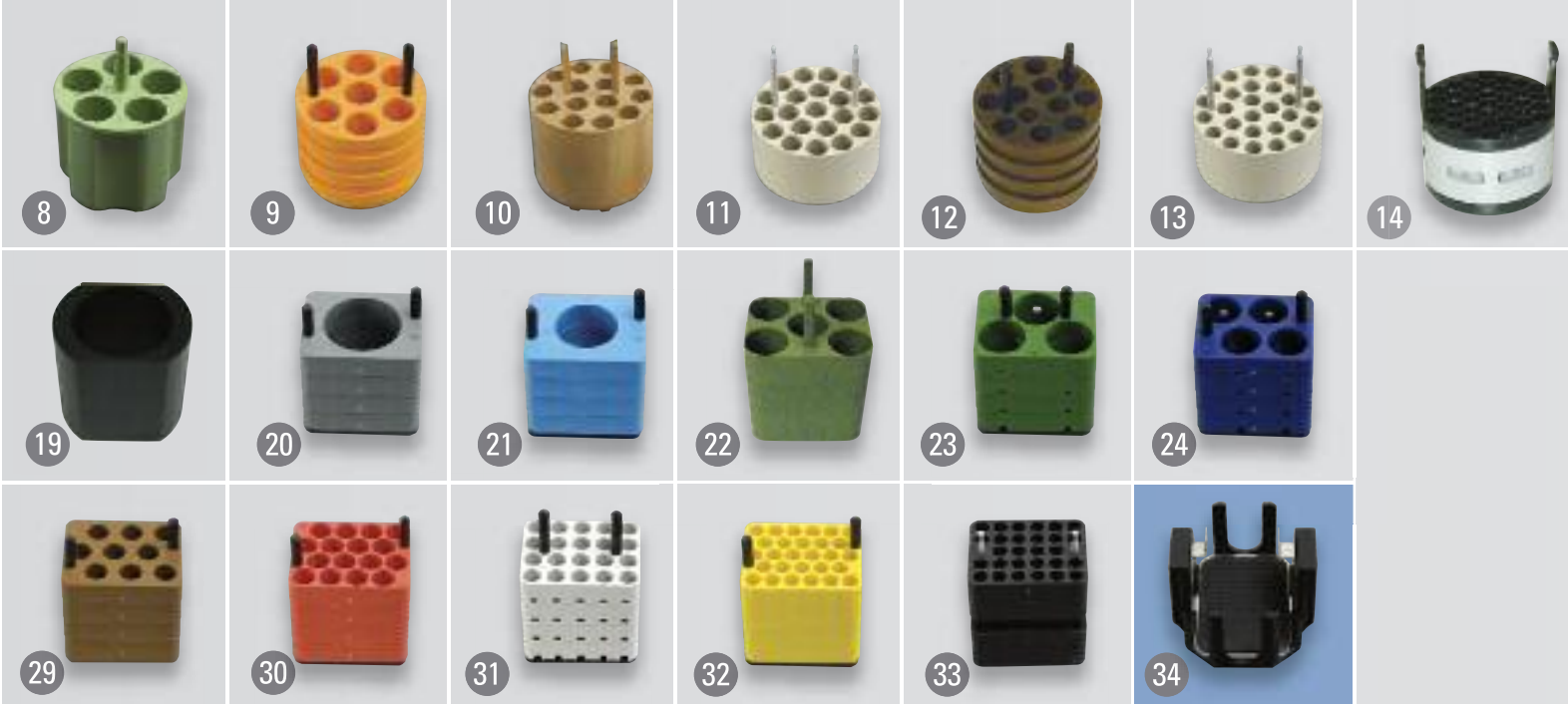
TX-750 Swinging Bucket Rotor<sup>1</sup>

### Thermo Scientific Rotors and Adapters


Cat. No	Description	Rotor Capacity (Places x Volume)	Max Tube Dimensions (Ø x L, mm)	SL 16/16R		SL 40/40R		SL 40F/40FR	
				Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
75003607	<b>TX-750 Swinging Bucket Rotor</b>								
75003608	<b>Round Buckets (set of 4), 90°, R<sub>max</sub> 195 mm</b>	4 x 750 ml		n/a	n/a	4700	4816	4700	4816
75003609	<b>ClickSeal Biocontainment Lids for Round Buckets (set of 4)</b>								
75003610	Replacement O-rings for Lids (set of 4)								
	<b>Adapters for Round Buckets (sets of 4 unless otherwise noted)</b>								
No adapter needed Corning no. 431124	1 750 ml Polypropylene Bio-Bottle (75003699, pkg of 12)	4 x 750 ml	98 x 133						
	500 ml Corning® Conical Bottle	4 x 500 ml	98 x 133						
75003792	2 250 ml Corning Conical Bottle (in open buckets only)	4 x 250 ml	62.5 x 139						
75003710	3 250 ml Nalgene® Oak Ridge Bottle	4 x 250 ml	62.5 x 139						
75003710	3 225 ml and 175 ml BD Falcon Conical Bottle +BD no. 352090	4 x 225 ml	62.5 x 139						
75003710	3 200 ml Nunc™ Conical Bottle + Nunc no. 377585	4 x 200 ml	62.5 x 139						
75003710	3 175 ml Nalgene Bottle + Nalgene no. DS3126-0175	4 x 175 ml	62.5 x 139						
75003713	4 100 ml Round Bottom Open-Top Tube	8 x 100 ml	45 x 123						
75003714	5 50 ml Conical Tube (includes sealing vessel)*	12 x 50 ml	29.5 x 120						
75003638	6 50 ml Conical Tube	28 x 50 ml	29.5 x 120						
75003715	7 50 ml Round Bottom Tube	28 x 50 ml	29.5 x 120						
75003824	8 50 ml Conical or Skirted Tube	20 x 50 ml	29.5 x 120						
75003716	9 25 ml Universal Conical or Skirted Tube	28 x 25 ml	25.5 x 120						
75003639	10 15 ml Conical Tube	56 x 15 ml	17 x 122						
75003719	11 15 ml Blood Collection Tube (17 x 125 mm) (inner circle only)	32 x 15 ml	17 x 134						
75003718	12 14 ml Conical Urine Tube	48 x 14 ml	18 x 124						
75003719	11 10 ml Blood Collection or 15 ml Corex/Kimble Tube	84 x 10/15 ml	17 x 117						
75003723	13 5/7 ml or 4.5/6 ml Blood Collection Tube Blood	108 x 5/7 ml	13 x 116						
75003724	14 5 ml RIA or Round Bottom Tube (without cap)	148 x 5 ml	13 x 111						
75003732	14 5/7 ml Round Bottom Tube (without cap) with Decanting Aid	148 x 5/7 ml	13 x 111						
75003733	15 1.5/2 ml Conical Microtube	192 x 2 ml	11 x 50						
75008383	16 T-75 Nunc Easy Flask (set of 2)	4 x T-75	-						
75008384	17 T-25 Nunc Easy Flask (set of 2)	8 x T-25	-						

<sup>1</sup> Buckets and lids sold separately

\*Sealed vessels can also be used with certified ClickSeal lids for double biocontainment protection.



### Thermo Scientific Rotors and Adapters

Cat. No	Description	Rotor Capacity (Places x Volume)	Max Tube Dimensions (Ø x L, mm)	SL 16/16R		SL 40/40R		SL 40F/40FR	
				Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
<b>TX-750 Swinging Bucket Rotor (continued)</b>									
75003614	<b>18</b> Rectangular Buckets (set of 4), 90°, R <sub>max</sub> 195 mm	4 x 250 ml		n/a	n/a	4500	4415	4500	4415
						4700 <sup>3</sup>	4816 <sup>3</sup>	4700 <sup>3</sup>	4816 <sup>3</sup>
						4300 <sup>4</sup>	4031 <sup>4</sup>	4300 <sup>4</sup>	4031 <sup>4</sup>
	<b>75003615</b> ClickSeal Biocontainment Lids for Rectangular Buckets (set of 4)								
75003616	Replacement O-rings for Lids (set of 4)								
<b>Adapters for Rectangular Buckets (sets of 4)</b>									
75003737	<b>19</b> 250 ml Flat Bottom Bottle	4 x 250 ml	63 x 130						
75003738	<b>20</b> 150 ml Round Bottom Open-Top Tube	4 x 150 ml	56 x 124						
75003742	<b>21</b> 100 ml Round Bottom Open-Top Tube	4 x 100 ml	46 x 124						
75003685	<b>22</b> 50 ml Conical Tube	20 x 50 ml	30 x 121						
75003749	<b>23</b> 50 ml Round Bottom Tube	12 x 50 ml	35 x 121						
75003750	<b>24</b> 45 ml Flat/Round Tube	16 x 45 ml	30 x 121						
75003755	<b>25</b> 25 ml Universal Tube	16 x 25 ml	26 x 121						
75003756	<b>26</b> 25 ml DIN Round Bottom Tube	24 x 25 ml	26 x 121						
75003684	<b>27</b> 15 ml Conical Tube	48 x 15 ml	17 x 120						
75003758	<b>28</b> 14 ml Flanged Round Bottom Tube	36 x 14 ml	18 x 121						
75003759	<b>29</b> 15 ml Conical Urine Tube	36 x 15 ml	17 x 124						
75003767	<b>30</b> 10 ml Blood Collection or 15 ml DIN Tube	64 x 10/15 ml	17 x 118						
75003768	<b>31</b> 5/7 ml or 4.5/6 ml Blood Collection Tube	80 x 5/7 ml	14 x 118						
75003769	<b>32</b> 5/7 ml Round Bottom Tube	112 x 5/7 ml	13 x 119						
75003770	<b>33</b> 1.5/2 ml Conical Microtube	224 x 2 ml	11 x 50						
<b>75003795</b> (set of 2)	<b>Carriers for microplates and T-75 Horizontal Flasks, including plate trays and neoprene pad,</b>	<b>4 x 4 Standard or 4 x 1 Deepwell</b>	<b>H<sub>max</sub>: 60 mm</b>	n/a	n/a	4700	3828	4700	3828
<b>75003617</b> (set of 4)	<b>34</b> 90° R <sub>max</sub> 155 mm								

<sup>3</sup> 230 V refrigerated centrifuge

<sup>4</sup> 120 V ventilated and refrigerated centrifuge



### Thermo Scientific Rotors and Adapters

Cat. No	Description	Rotor Capacity (Places x Volume)	Max Tube Dimensions (Ø x L, mm)	SL 16/16R		SL 40/40R		SL 40F/40FR	
				Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
<b>75003667</b>	<b>BIOliner High Capacity Rotor</b>								
<b>75003668</b>	<b>BIOliner Buckets (set of 4), 90°, R<sub>max</sub> 200 mm</b>	<b>4 x 750 ml</b>		n/a	n/a	<b>3500</b>	<b>2739</b>	<b>3500</b>	<b>2739</b>
<b>75003669</b>	<b>ClickSeal Biocontainment Lids for BIOliner Buckets (set of 4)</b>								
75003688	Replacement O-rings for Lids								
	<b>Adapters for BIOliner Buckets (sets of 4)</b>								
75003692	<b>1</b> 750 ml Flat Bottom Bottle with all round adapters listed for TX-750 round bucket	4 x 750 ml	98 x 124						
75003692	<b>1</b> 500 ml Corning Conical Bottle + Corning cushion no. 431124	4 x 500 ml	98 x 124						
75003691	<b>2</b> 250 ml Corning Conical Bottle <sup>5</sup>	4 x 250 ml	62 x 145						
75003675	<b>3</b> 250 ml Nalgene Oak Ridge Bottle	8 x 250 ml	62 x 130						
75003675	<b>3</b> 225 ml and 175 ml BD Falcon Conical Bottle + BD no. 352090	8 x 225 ml	62 x 130						
75003675	<b>3</b> 200 ml Nunc Conical Bottle + Nunc cushion no. 377585	8 x 175 ml	62 x 130						
75003674	<b>4</b> 50 ml Conical Tube	40 x 50 ml	30 x 120						
75003673	<b>5</b> 15 ml Conical Tube	88 x 15 ml	17.5 x 121						
75003697	9/10 ml Sarstedt Tube	100 x 9/10 ml	17 x 110						
75003672	<b>6</b> 10 ml Blood Collection Tube	148 x 10 ml	17 x 110						
75003671	<b>7</b> 5/7 ml Blood Collection Tube	196 x 5/7 ml	14 x 110						
75003709	4.5/6 ml Blood Collection Tube (Greiner)	164 x 4.5/6 ml	14 x 110						
<b>75003796</b> (set of 2)	<b>Microplate Carriers for BIOliner Rotor, R<sub>max</sub> 179 mm</b>	<b>4 x 4 Standard or</b>	<b>H<sub>max</sub>: 60 mm</b>						
<b>75003670</b> (set of 4)	<b>4 x 1 Deepwell</b>			n/a	n/a	<b>3500</b>	<b>2451</b>	<b>3500</b>	<b>2451</b>
<b>75003689</b>	<b>Sealing Lids for BIOliner Microplate Carriers (set of 4)</b>								
75003626	Replacement O-rings for Microplate Carrier Lids (set of 4)								
<b>75003606</b>	<b>HIGHPlate 6000 Rotor, R<sub>max</sub> 139 mm</b>	<b>2 x 5 Standard</b>	<b>H<sub>max</sub>: 80 mm</b>	n/a	n/a	<b>6300</b>	<b>6168</b>	<b>6300</b>	<b>6168</b>
<b>75003665</b>	<b>Fiberlite H3-LV Large Volume Swinging Bucket Rotor, 90°, R<sub>max</sub> 189mm</b>	<b>4 x 7 Standard or 2 x 4 Deepwell</b>	<b>H<sub>max</sub>: 100 mm</b>	n/a	n/a	<b>3600</b>	<b>2738</b>	<b>3600</b>	<b>2738</b>
<b>75003624</b>	<b>M-20 Microplate Rotor, 90°, R<sub>max</sub> 127 mm, includes 2 buckets and 2 adapters</b>	<b>2 x 3 Standard or 2 x 1 Deepwell</b>	<b>H<sub>max</sub>: 65 mm</b>	<b>4000</b>	<b>2272</b>	<b>4000</b>	<b>2272</b>	<b>4000</b>	<b>2272</b>
75003625	Sealed Carriers, include trays and lids (set of 2)		<b>H<sub>max</sub>: 45 mm</b>						
75002011	Replacement Sealing Lids (set of 2)								
75002012	Replacement O-rings (set of 4 with grease)								

<sup>1</sup> Buckets and lids sold separately






























<sup>4</sup> 120 V ventilated and refrigerated centrifuge

<sup>5</sup> In open buckets only





## Thermo Scientific Rotors and Adapters

Cat. No	Description	Rotor Capacity (Places x Volume)	Max Tube Dimensions (Ø x L, mm)	SL 16/16R		SL 40/40R		SL 40F/40FR	
				Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
 <b>75003621</b>	<b>BIOShield 720 High Speed Swinging Bucket Rotor, 90°, R<sub>max</sub> 162 mm</b>	<b>4 x 180 ml</b>		<b>5300</b>	<b>5088</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
	<b>Adapters for BIOShield 720 Rotor (sets of 4)</b>								
75003693	180 ml Polypropylene Screw Cap Bottle (75003800, pkg of 12)	4 x 180 ml	56 x 123						
75003813  8	150 ml Round Bottom Open-Top Tube	4 x 150 ml	50 x 122						
75003814  9	100 ml Round Bottom Open-Top Tube	4 x 100 ml	44 x 120						
75003677  10	50 ml Conical Tube	8 x 50 ml	34.5 x 116						
75003816  11	50 ml DIN Round Bottom Tube	8 x 50 ml	34 x 109						
75003818  12	25 ml Universal Tube	16 x 25 ml	22.5 x 105						
75003817  13	25 ml DIN Round Bottom Tube	20 x 25 ml	25 x 107						
75003678  14	15 ml Conical Tube	24 x 15 ml	17 x 120						
75003820  15	15 ml Sarstedt Tube	44 x 15 ml	17 x 103						
75003701  16	10 ml Blood Collection Tube	48 x 10 ml	17 x 105						
75003821  17	5/7ml Blood Collection Tube	48 x 5/7 ml	13 x 106						
75003822  18	5/7ml Round Bottom Open-Top Tube	80 x 5/7 ml	13 x 104						
75003823  19	1.5/2ml Conical Microtube	160 x 2 ml	11 x 45						
 <b>75003603</b>	<b>BIOShield 1000A High Speed Swinging Bucket Rotor, 90°, R<sub>max</sub> 178 mm</b>	<b>4 x 250 ml</b>		<b>n/a</b>	<b>n/a</b>	<b>5300</b>	<b>5590</b>	<b>6000</b>	<b>7164</b>
	<b>Adapters for BIOShield 1000A Rotor (sets of 4)</b>								
75003737  20	250 ml Nalgene Flat Bottom Bottle	4 x 250 ml	62.5 x 124						
75003738  21	150 ml Round Bottom Open-Top Tube	4 x 150 ml	56.5 x 119						
75003742  22	100 ml Round Bottom Open-Top Tube	4 x 100 ml	45.5 x 120						
75003643  23	50 ml Conical Tube	16 x 50 ml	29.5 x 117						
75003749  24	50 ml Round Bottom Tube	12 x 50 ml	35 x 113						
75003750  25	45 ml Flat/Round Tube	16 x 45 ml	30 x 113						
75003755  26	25 ml Universal Tube	16 x 25 ml	26 x 113						
75003756  27	25 ml DIN Round Bottom Tube	24 x 25 ml	25.5 x 113						
75003642  28	15 ml Conical Tube	36 x 15 ml	17 x 121						
75003758  29	14 ml Flanged Round Bottom Tube	36 x 14 ml	18 x 113						
75003759  30	15 ml Conical Urine Tube	36 x 15 ml	17 x 115						
75003767  31	10 ml Blood Collection or 15 ml DIN Tube	64 x 10/15 ml	17 x 109						
75003768  32	5/7 ml Blood Collection Tube	80 x 5/7 ml	14 x 109						
75003769  33	5/7 ml Round Bottom Tube	112 x 5/7 ml	13 x 110						
75003770  34	1.5/2 ml Conical Microtube	224 x 2 ml	11 x 50						

# Fixed Angle Rotors



Fiberlite F14-6x250LE



Fiberlite F15-6x100y



Fiberlite F13-14x50cy



Fiberlite F15-8x50cy



CLINIConic

## Thermo Scientific Rotors and Adapters

Cat. No	Rotor Capacity (Places x Description)	Max Tube Dimensions Volume)	SL 16/16R		SL 40/40R		SL 40F/40FR		
			Max Speed ( $\emptyset$ x L, mm)	Max RCF	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)	
<b>75003662</b>	<b>Fiberlite F14-6x250LE Fixed Angle Rotor, 23°, R<sub>max</sub> 137 mm</b>	<b>6 x 250 ml</b>	<b>62 x 125</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>11000</b>	<b>18533</b>
021-062153	O-ring Refresher Kit							<b>10000<sup>4</sup></b>	<b>15317<sup>4</sup></b>
	<b>Adapters for F14-6x250LE Rotor (sold separately unless otherwise noted)</b>								
75100136	50 ml Conical Tube (set of 2)	6 x 50 ml	30 x 121						
010-0138	50 ml Round Bottom Tube (set of 2)	6 x 50 ml	30 x 121						
00449	30 ml Glass Round Bottom Tube	18 x 30 ml	24 x 105						
75101073	15 ml Conical Tube	30 x 15 ml	17 x 121						
00389	10 ml Round Bottom Tube	42 x 10 ml	17 x 110						
00369 + 00456	7 ml Round Bottom Tube	30 x 7 ml	14 x 110						
00388	5 ml Round Bottom Tube	72 x 5 ml	13 x 80						
<b>75003698</b>	<b>Fiberlite F15-6x100y Fixed Angle Rotor, 25°, R<sub>max</sub> 98 mm</b>	<b>6 x 100 ml</b>	<b>38 x 105</b>	<b>13000</b>	<b>18516</b>	<b>13000</b>	<b>18516</b>	<b>15000</b>	<b>24652</b>
021-069031	O-ring Refresher Kit								
	<b>Adapters for F15-6x100y Rotor (sold separately)</b>								
No adapter needed	94 ml Nalgene Tube	6 x 94 ml	38 x 105						
75003103	50 ml Conical Tube	6 x 50 ml	30 x 121						
75003095	15 ml Conical Tube	6 x 15 ml	17 x 123						
75003102	50 ml Round Bottom Tube	6 x 50 ml	30 x 117						
75003094	38 ml Round Bottom Tube	6 x 38 ml	26 x 110						
76002906	16 ml Round Bottom Tube	6 x 16 ml	18 x 123						
75003093	12 ml Round Bottom Tube	12 x 12 ml	16 x 95						
75003092	6.5 ml Round Bottom Tube	12 x 6.5 ml	13 x 114						
75003091	3.5 ml Round Bottom Tube	24 x 3.5 ml	11 x 100						
76002905	1.5/2 ml Conical Microtube	24 x 2 ml	11 x 40						
<b>75003661</b>	<b>Fiberlite F13-14x50cy Fixed Angle Rotor, 34°, R<sub>max</sub> 153 mm</b>	<b>14 x 50 ml</b>	<b>30 x 121</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>10000</b>	<b>17105</b>
021-149027	O-ring Refresher Kit							<b>9250<sup>4</sup></b>	<b>14636<sup>4</sup></b>
	<b>Adapters for F13-14x50cy Rotor (sold separately)</b>								
010-0378	15 ml Conical Tube (BD and Corning)	14 x 15 ml	17 x 121						
010-1340	15 ml Conical Tube (Nunc) and Filtration Devices	14 x 50 ml	17 x 121						
<b>75003663</b>	<b>Fiberlite F15-8x50cy Fixed Angle Rotor, 25°, R<sub>max</sub> 104 mm</b>	<b>8 x 50 ml</b>	<b>30 x 121</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>14500</b>	<b>24446</b>
021-085077	O-ring Refresher Kit								
	<b>Adapters for F15-8 x 50cy Rotor (sold separately)</b>								
010-0378	15 ml Conical Tube (BD and Corning)	8 x 15 ml	17 x 121						
010-1340	15 ml Conical Tube (Nunc) and Filtration Devices	14 x 50 ml	17 x 121						
<b>75003623</b>	<b>CLINIConic Fixed Angle Rotor, 37°, R<sub>max</sub> 140 mm</b>	<b>30 x 15 ml</b>		<b>5650</b>	<b>4997</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
	<b>Adapters for CLINIConic Rotor</b>								
No adapter needed	15 ml Round/Conical Bottom Tube	30 x 15 ml	16.5 x 131						
75003702	10 ml Round Bottom Tube	30 x 10 ml	16.5 x 95						
11172596	7 ml Round Bottom or Blood Collection Tube (each)	30 x 7 ml	16.5 x 131						
11172595	5 ml Round Bottom or Blood Collection Tube (each)	30 x 5 ml	13 x 95						



## Thermo Scientific Rotors and Adapters

Cat. No	Rotor Capacity (Places x Description)	Max Tube Dimensions Volume)	SL 16/16R		SL 40/40R		SL 40F/40FR	
			Max Speed (Ø x L, mm)	Max RCF	Max Speed (rpm)	Max RCF (xg)	Max Speed (rpm)	Max RCF (xg)
<b>75003694</b>	<b>8 x 50 ml Individually Sealed Fixed Angle Rotor, 45°, R<sub>max</sub> 143 mm</b>	<b>8 x 50 ml</b>	<b>6700</b>	<b>7177</b>				
75003689	Replacement O-rings (set of 12)		<b>6500<sup>4</sup></b>	<b>6755<sup>4</sup></b>	n/a	n/a	n/a	n/a
	<b>Adapters for 8 x 50 ml Sealed Rotor</b>							
No adapter needed	50 ml Conical Tube	8 x 50 ml 29.5 x 116						
<b>75003620</b>	<b>HIGHConic II Aluminum Fixed Angle Rotor, 45°, R<sub>max</sub> 126 mm</b>	<b>6 x 94 ml 38 x 105</b>	<b>8500</b>	<b>10178</b>	<b>10350</b>	<b>15090</b>	<b>10350</b>	<b>15090</b>
75003058	Replacement Sealing O-rings (set of 2 with grease)							
	<b>Adapters for HIGHConic II Rotor (sold separately)</b>							
No adapter needed	4 ml Round Bottom Tube	6 x 94 ml 38 x 105						
75003103	50 ml Conical Tube	6 x 50 ml 29.5 x 117						
75003095	15 ml Conical Tube	6 x 15 ml 17 x 123						
75003102	50 ml Round Bottom Tube	6 x 50 ml 29.4 x 117						
75003094	38 ml Round Bottom Tube	6 x 38 ml 26 x 110						
76002906	16 ml Round Bottom Tube	6 x 16 ml 18 x 123						
75003093	12 ml Round Bottom Tube	12 x 12 ml 16 x 95						
75003092	6.5 ml Round Bottom Tube	12 x 6.5 ml 13.5 x 114						
75003091	3.5 ml Round Bottom Tube	24 x 3.5 ml 11 x 100						
76002905	1.5/2 ml Conical Microtube	24 x 2 ml 11 x 40						
<b>75003664</b>	<b>Fiberlite F21-48x2 Fixed Angle Rotor, 45°, R<sub>max</sub> 97 mm</b>	<b>48 x 2 ml 11 x 50</b>	n/a	n/a	<b>15200</b>	<b>25055</b>	<b>15200</b>	<b>25055</b>
021-489021	O-ring Refresher Kit							
	<b>Adapters for F21-48 x 2 Rotor (sets of 24)</b>							
76003750	0.2 ml PCR Tube	48 x 0.25 ml 6 x 20						
76003758	0.5 ml Microtube	48 x 0.5 ml 8 x 44						
76003759	0.25 ml Microtube	48 x 0.25 ml 6 x 46						
<b>75003652</b>	<b>Microliter 30 x 2 Sealed Aluminum Fixed Angle Rotor, 45°, R<sub>max</sub> 100 mm</b>	<b>30 x 2 ml 11 x 50</b>	<b>15200</b>	<b>25830</b>	n/a	n/a	n/a	n/a
	<b>Adapters for Microliter 30 x 2 Rotor (sets of 24)</b>							
76003750	0.2 ml PCR Tube	30 x 0.25 ml 6.5 x 20						
76003758	0.5 ml Microtube	30 x 0.5 ml 8 x 44						
76003759	0.25 ml Microtube	30 x 0.25 ml 6 x 46						
<b>75003602</b>	<b>Microliter 48 x 2 Sealed Aluminum Fixed Angle Rotor, 45°, R<sub>max</sub> 98 mm</b>	<b>48 x 2 ml 11 x 50</b>	n/a	n/a	<b>15200</b>	<b>25314</b>	<b>15200</b>	<b>25314</b>
	<b>Adapters for Microliter 48x2 Rotor (sets of 24)</b>							
76003750	0.2 ml PCR Tube	48 x 0.25 ml 6.5 x 20						
76003758	0.5 ml Microtube	48 x 0.5 ml 8 x 44						
76003759	0.25 ml Microtube	48 x 0.25 ml 6 x 46						

<sup>4</sup> 120 V ventilated and refrigerated centrifuge

Thermo Scientific  
SL Centrifuge Series



Specifications	SL 16/16R	SL 40/40R	SL 40F/40FR
<b>Swinging Bucket Rotors</b>			
<b>Max Capacity</b>	4 x 400 ml (with TX-400 rotor)	4 x 750 ml (with TX-750 and BIOLiner rotors)	
<b>Max Speed</b>	5500 rpm (with TX-200 rotor)	5300 rpm (with BIOShield 1000A rotor)	6000 rpm (with BIOShield 1000A rotor)
<b>Max RCF</b>	5580 xg (with TX-200 rotor)	5590 xg (with BIOShield 1000A rotor)	7164 xg (with BIOShield 1000A rotor)
<b>Fixed Angle Rotors</b>			
<b>Max Capacity</b>	6 x 100 ml (with F15-6x100 rotor)	6 x 100 ml (with F15-6x100 rotor)	6 x 250 ml (with F14-6x250LE rotor)
<b>Max Speed</b>	15200 rpm (with 30x2 ml rotor)	15200 rpm (with 48x2 ml rotor)	
<b>Max RCF</b>	25830 xg (with 30x2 ml rotor)	25314 xg (with 48x2 ml rotor)	
<b>Control System</b>	Microprocessor		
<b>Drive System</b>	Direct, brushless induction low profile motor		
<b>Rotor Locking System</b>	Auto-Lock III		
<b>Imbalance Detection System</b>	SMARTSpin		
<b>Programs</b>	99 (5 with direct access key)		
<b>Temperature Set Range*</b>	-10 °C to +40 °C		
<b>Pre-Cooling Function*</b>	Yes, with direct button		
<b>Refrigeration System*</b>	CFC free		
<b>Pulse (Short) Run</b>	Yes		
<b>Acceleration / Deceleration Rates</b>	9 / 10		
<b>Centrifugation Chamber</b>	Stainless Steel		
<b>Max Timer Range</b>	9h, 59min + continuous		
<b>Sound Level (dBA)</b> with swinging bucket rotor at top speed	< 61/ < 55* (TX-400)	< 61/ < 57* (TX-750)	< 64/ < 58* (TX-750)
with F15-8x50 rotor at top speed	n/a	n/a	< 55/ < 57*
<b>Other Features</b>	Certified ClickSeal biocontainment system, language selection, motorized lid latch		
<b>Max Power Consumption (W)</b>	120 V	850/1200*	1400
	230 V	1010/1400*	1700/1950*
<b>Max Heat Output (BTU/h)</b>	120 V	2901/4096*	4776
	230 V	3447/4776*	5800/6653*
<b>Dimensions</b>			
<b>Height (lid open)</b>	87 cm / 34.3 in	90 cm / 35.4 in	138.5 cm / 54.5 in 139 cm* / 54.7 in*
<b>Height (lid closed)</b>	36 cm / 14.2 in	36 cm / 14.2 in	79 cm / 31.1 in
<b>Width</b>	44 cm / 17.3 in 62.3 cm* / 24.5 in*	56.5 cm / 22.2 in 74.5 cm* / 29.3 in*	56.5 cm / 22.2 in
<b>Depth</b>	60.5 cm / 23.8 in	67 cm / 26.4 in	67 cm / 26.4 in
<b>Weight</b>	57.5 kg / 126.8 lb 91.5 kg* / 201.7 lb*	86 kg / 189.6 lb 116 kg* / 255.7 lb*	152.5 kg / 336.2 lb 142.5 kg* / 314.2 lb*
<b>Technical Standards</b>	IEC 61010-1, IEC 61010-2-020, IEC 61010-2-101, 230 V only: EN 292, EN 61326, EN 55011B		
<b>Certifications</b>	UL listed, CSA certified, CE marked, IVD compliant, Certified Biosafety, RoHS compliant, WEE compliant		
<b>Ordering Information</b>			
	<b>SL 16/16R</b>	<b>SL 40/40R</b>	<b>SL 40F/40FR</b>
<b>SL</b> , ventilated, 230 V, 50/60 Hz	75004000	75004012	75004542
<b>SL</b> , ventilated, 120 V, 60 Hz	75004001	75004013	75004544
<b>SL</b> , refrigerated, 230 V, 50/60 Hz	75004030	75004027	75004543
<b>SL</b> , refrigerated, 120 V, 60 Hz	75004031	75004028	75004545

\*Refrigerated models

The quality of the procedures used to design, manufacture, sell and service the SL 16 and SL 40 centrifuge series is certified and maintained in accordance to the ISO 13485 international standard.

Our effort to continuously improve our formalized business processes is certified and regularly audited in conformance with ISO 9000 family of Quality Standards.

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