### thermo scientific



## Thermo Scientific Heraeus Megafuge 8 Compact Centrifuge Series

Fits in. Stands out.



Thermo Scientific<sup>™</sup> Heraeus<sup>™</sup> Megafuge<sup>™</sup> 8 compact centrifuge series

## Fits in.

to your space, with its compact footprint. Ergonomic designs enhance placement flexibility in the lab.

17850 10:00

to your applications, accommodating multi-laboratory settings with 14 rotor options to adapt with evolving clinical and research needs, in both ventilated and refrigerated options.

#### **Clinical applications**

- Clinical chemistry
- Clinical microbiology
- Hematology
- Immunology
- Clinical studies

#### **Research applications**

- Cellular biology
- Microbiology

4500 10:00

- Genomics / molecular biology
- Proteomics
- Biochemistry
- Pharmaceutical studies





Auto-Lock<sup>™</sup> Rotor Exchange Secure push-button application versatility and cleaning convenience



**ClickSeal<sup>™</sup> Biocontainment Lids** One-handed, certified<sup>1</sup> sample protection

## Stands out.

designed for high safety, solid reliability and consistent results.

featuring innovative Thermo Scientific<sup>™</sup> technologies:

anticipating and addressing your most pressing lab needs - even the ones you don't know you have yet.





Maximized Swing-Out Capacity Process up to 8 x 50 mL conical tubes, 24 x 5/7 mL blood tubes, microplates and microtubes, all in one versatile centrifuge



**Fixed Angle Flexibility** Spin 50 mL conical tubes at over 12,000 x g or a wide range of microtubes at speeds up to 30,279 x g

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

## Fits in. Stands out.



### Simple solutions. Flexible processing.

Secure, push-button **Auto-Lock** rotor exchange in as little as 3 seconds delivers:

- Trouble-free rotor installation and removal
  - No tools are required
  - No complicated rotor changing procedures
- Clear chamber access for cleaning convenience
- Quick switch between applications from conical tubes to blood tubes, and from microtubes to microplates – and the flexibility to evolve with the changing needs of your laboratory

Optimize bench space with maximized capacity:

- 48 microtubes, 8 x 50 mL conical tubes or 4 microplates for research needs
- Micro-volume rotor portfolio supports 0.2, 0.25, 0.5, 1.5, 2.0, 5.0 mL microtubes and spin columns
- Clinical processing up to 24 x 5/7 mL blood tubes per run



### Reliable quality. Safe operation.

- Biocontainment sealing options, including certified<sup>1</sup> ClickSeal lids for glove-friendly, one-handed operation
- Manufactured with quality materials providing broad chemical resistance with exceptional strength for durability and reliability
- Low noise levels, including just 52 dBA at performance of 17,850 rpm/30,279 x g in refrigerated units, to ensure a peaceful laboratory
- Conforms to the latest clinical and safety standards, such as UL, CE and IVD<sup>2</sup>

1 🛞 Biocontainment certification by the Public Health England, Porton Down, UK

 $^{\rm 2}$  See full list of standards & certifications on page 14



Micro-volume Rotor Portfolio



#### Sample-ready. User-friendly.

- One-touch operation with pre-saved protocols
- Highly visible backlit display for easy reading of parameters across the lab
- Optional indicators at end of run, including automatic lid opening, full flashing display and adjustable audible signal
- Glove- and detergent-friendly
- Multilingual instructions–English, Dutch, French, German, Italian, Russian and Spanish–on programming, run conditions, alerts and service messages

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DOOR OPEN 4500 10:00

### Fits in.

# **Clinical Applications.**

## Stands out.

Outstanding capacity in a compact design with a smart, simple interface.

- Runs up to 24 x 5/7 mL blood tubes at a time in swinging bucket configuration
- Auto-Lock rotor exchange simplifies cleaning
- Conforms to the latest clinical and safety standards
- Platelet-poor plasma separation in only one minute



- Store up to 99 pre-saved protocols
- Alphanumeric program naming, of up to 12 characters, promotes correct program selection every time
- Program-only mode limits the control of the centrifuge to the set program and the control quadrant (Start, Stop, Pulse and Open), ideal for controlled environments



### Rotors for Clinical Applications

Thorne Colontific Datos	Description	Stand-out Features	Performance		
Thermo Scientific Rotor	Description	Stand-out reatures	Ventilated	Refrigerated	
TX-150 Swinging Bucket Rotor	Designed for a broad range of high-speed, high-capacity swing-out processing needs, with a capacity of $24 \times 5/7$ mL blood tubes per run and flexibility with a wide range of adapters.	Certified' sample protection with ClickSeal biocontainment lids.	4,500 rpm 3,260 x g	4,500 rpm 3,260 x g	
TX-100S/TX-100 Rotors					
	Dedicated for routine clinical samples processing.	Capacity of 16 tubes per run or spin 8 tubes with biocontainment sealing option.	4,500 rpm 3,260 x g	4,500 rpm 3,260 x g	
HIGHConic III rotor					
	High g-force fixed angle rotor for efficient sample separations.	Perform platelet poor plasma tests in as little as 1 minute.	8,700 rpm 10,155 x g	9,500 rpm 12,108 x g	
8 x 50 mL Individually Sealed Fixed	Angle Rotor				
	Designed for high-risk sample processing for a range of clinical and research tubes.	Individual sealed canisters for high-risk samples.	n/a	5,600 rpm 5,014 x g	
CLINIConic Fixed Angle Rotor					
	Spin 30 blood tubes or 15 mL conicals in a fixed angle configuration with fast acceleration to optimize blood separation applications.	Auto-Lock rotor exchange for ultimate ease-of-use.	4,400 rpm 3,030 x g	4,400 rpm 3,030 x g	
Hematocrit Rotor					
	Achieve red blood cell capillary separations.	Result reading chart provided.	13,300 rpm 16,810 x g	13,300 rpm 16,810 x g	
M10 Swinging Bucket Rotor					
	Centrifuge 4 microplates or 2 midi-deepwell plates, ideally suited for quick spins. Spin up to 4 standard microplates with optional certified' ClickSeal biocontainment lids.	Transportable microplate carriers, complemented by Auto-Lock rotor exchange.	4,400 rpm 2,576 x g	4,400 rpm 2,576 x g	

1 Biocontainment certification by the Public Health England, Porton Down, UK



### Fits in.

## Research applications.

## Stands out.

Innovative design supports multiple users and applications to stay one step ahead of your evolving research needs.



### 30,279 x g Performance

High-speed microliter performance at up to 30,279 x g enables

- quicker spins
- improved separations
- access to a wider range of applications

while maintaining full swing-out rotor flexibility, combined with quick, safe Auto-Lock rotor exchange.

- 8 x 50 mL cell culture tubes,
  4 microplates, 48 microtubes, or
  30 spin columns for research needs
- Auto-Lock rotor exchange for application flexibility — go from 50 mL tube to microplates to microtubes effortlessly





### Rotors for Research Applications

			Performance		
Thermo Scientific Rotor	Description	Stand-out Features	Ventilated	Refrigerated	
TX-150 Swinging Bucket Rotor					
*	Designed for a broad range of swing- out processing needs at high speed and high capacity with the flexibility of a wide range of adapters.	Dedicated bucket available for 8 conical tubes capacity or round buckets with certified' ClickSeal biocontainment lids.	4,500 rpm 3,260 x g	4,500 rpm 3,260 x g	
M10 Swinging Bucket Rotor					
	Centrifuge 4 standard microplates or 2 deepwell plates. Spin up to 4 standard microplates with optional certified' ClickSeal biocontainment lids. Non-shielded design for quick access to microplates.	Transportable microplate carriers, complemented by Auto- Lock rotor exchange.	4,400 rpm 2,576 x g	4,400 rpm 2,576 x g	
MT-12 Swinging Bucket Rotor			10.000	10.000	
	Design capable of spinning up to 12 x 1.5/2 mL microtubes and filtration columns, ideal for small- volume research applications.	Individual swinging bucket rotors for centralized pellets within tubes.	13,000 rpm 16,438 x g	13,000 rpm 16,438 x g	
HIGHConic III Fixed Angle Rotor					
*	Process 6 x 50 mL tubes in fixed angle configuration and at RCF above 10,000 x g in certified' sealed conditions.	45 degree fixed angle rotor ideal for cell pelleting using 50 mL or 15 mL conical tubes	8,700 rpm 10,155 x g	9,500 rpm 12,108 x g	
MicroClick 18 x 5 Fixed Angle Rote					
*	18-place capacity for 5.0 mL microtubes for high throughput and over 22,000 x g to reduce run times.	Lightweight and ergonomic ClickSeal biocontainment lid allows sample viewing.	n/a	14,000 rpm 22,351 x g	
Micro-Volume Fixed Angle Rotors					
MicroClick 24 x 2	Capable of supporting micro- volume protocols, such as nucleic acid preparation, PCR reaction set- up and filtration columns, choose from the complete micro-volume	Run 24 x 2 mL samples at 30,279 x g.	16,000 rpm 24,328 x g	17,850 rpm 30,279 x g	
MicroClick 30 x 2	rotor portfolio.	High-rim design of the MicroClick 30 x 2 rotor supports spin columns with open caps.	14,000 rpm 21,694 x g	14,000 rpm 21,694 x g	
Microliter 48 x 2		Maximize throughput with 48-place microliter rotor.	11,800 rpm 15,256 x g	12,900 rpm 18,233 x g	
8 × 8 PCR Strip		Process up to 8 PCR strips with certified' sample protection.	15,000 rpm 17,860 x g	15,000 rpm 17,860 x g	

### Stands out.

Extensive Rotor Portfolio for Application Flexibility



Versatile Swinging Bucket Rotors

TX-150 Rotor

M10 Microplate Rotor

MT-12 Rotor

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	Cat. No.	Description	Rotor Capacity (places x volume, mL)	Max Tube Dimensions (Ø x L, mm)	Max Speed (rpm)	Max RCF (x g)	Max Speed (rpm)	Max RCF (x g)
Ve	rsatile Swi	nging Bucket Rotors			Venti	lated	Refrig	erated
	75005701	TX-150 Swinging Bucket Rotor, 90°, R <sub>max</sub> 144 mm (order buckets separately)	4 x 145	50 x 110	4,500	3,260	4,500	3,260
_	75005703	50 mL Conical Buckets (unsealed, no adapter needed) (set of 4)	8 x 50	29.5 x 120				
-	75005702	Round Buckets (set of 4)	4 x 145	50 x 100				
× -		ClickSeal Biocontainment Lids for Round Buckets (set of 4)						
-		Replacement O-rings for Lids (set of 4)						
-		or 50 mL Conical Buckets (sets of 2)	[					
-		15 mL Conical Tube	8 x 15	17 x 123				
-	· ·	or Round Buckets (sets of 4)						
1	Direct fit	145 mL Bottle (75005734)	4 x 145	50 x 100				
1		100 mL Round Bottom Open-Top Tube	4 x 100	45 x 117				
2		50 mL round bottom tube <sup>2</sup>	4 x 50	35 x 115				
3		50 mL Conical or Skirted Tube	4 x 50	29.5 x 120				
4		30 mL Sterilin <sup>™</sup> Universal Container	4 x 30	25 x 120				
4		15 mL Conical Tube	8 x 15	17 x 122				
5		11 mL IVF Tube	8 x 11	17 x 122				
5	75003504	13 mL Urine Tube	16 x 13	17 x 110				
5	75003504	12 mL Blood Collection Tube (Greiner™)	16 x 12	17 x 110				
6		10 mL Blood Collection or 15 mL Corex <sup>™</sup> /Kimble <sup>™</sup> Tube	16 x 15	17 x 110				
7		5/7mL mL Blood Collection Tube	24 x 5/7	13 x 110				
7		3/5 mL Blood Collection Tube	28 x 3/5 28 x 3/5	13 x 110 13 x 110				
8		3/5 mL Cryotube	28 x 3/5 40 x 2	13 x 110 11 x 65				
•		1.5/2 mL Microtube (or Microtainer <sup>™</sup> tube)	40 X Z	COXII				
	Rotor Pac							
_	75005760	Cell Culture Package INCLUDES: TX-150 Rotor (75005701), Round Buckets (75005702), Adapters for 50 mL Conical Tubes (75005736)	4 x 50	29.5 x 120				
	75005761	High Capacity Cell Culture Package INCLUDES: TX-150 Rotor (75005701), Conical Buckets (75005703), Adapters for 15 mL Conical Tubes (75005808, 4 pks)	8 x 50	18 x 124				
-	75005762	Clinical Rotor Package INCLUDES: TX-150 Rotor (75005701), Round Buckets (75005702), ClickSeal Biocontainment Lids (75005707), Adapters for Blood Collection Tubes: 5/7 mL (75005739) and 10 mL (75003504)	24 x 5/7	18 x 124				
	75005706	M10 Microplate Rotor, 90°, Rmax 119 mm (order buckets separately)		n/a	4,400	2,576	4,400	2,576
	75005723	Unsealed Buckets (set of 2)	4 Standard or	Height				
<b></b>	75005721	Sealed Buckets (set of 2) R <sub>max</sub> 109mm	2 Deepwell	< 33 mm				
	75005600	MT-12 Swinging Bucket Rotor, 90°, R <sub>max</sub> 87 mm	12 x 2	11 x 50	13,000	16,438	13,000	16,438

 $^{\rm 2}$  Used together with adapter 75007542

#### **Clinical Swinging Bucket Rotors**



TX-100S Rotor with Sealed Carriers



TX-100 Rotor

	Cat. No.	Description	Rotor Capacity (places x volume, mL)	Max Tube Dimensions (Ø x L, mm)	Max Speed (rpm)	Max RCF (x g)	Max Speed (rpm)	Max RCF (x g)
Cli	nical Swing	ing Bucket Rotors			Vent	ilated	Refrigerated	
×	75005704	TX-100S Clinical Swinging Bucket Rotor with Sealed Carriers, 90°, R <sub>max</sub> 144 mm	8 x 15	17 x 106	4,500	3,260	4,500	3,260
	75005705	TX-100 Clinical Swinging Bucket Rotor with Carriers, 90°, Rmax 144 mm	16 x 15	17 x 121	4,500	3,260	4,500	3,260
	Adapters for	r TX-100/TX-100S Clinical Rotors (each)	1					
	Direct fit	13 mL Urine Tube (TX-100 only)	16/8 x 13	17 x 110				
	Direct fit	10mL Blood Collection Tube	16/8 x 10	16 x 100				
	75008817	Sterilin Urine Tube (TX-100 only)	16/8 x 13	16 x 110				
	75008818	Sarstedt Blood Tube (TX-100 only)	16/8 x 10	16 x 75				
	11172596	5/7 mL BD Hemogard <sup>™</sup> /BD Vacutainer <sup>™</sup> Tube	16/8 x 5/7	13 x 110				
	11172595	5 mL BD Hemogard Tube	16/8 x 5	13 x 75				
	11172287	3 mL Blood Collection Tube	16/8 x 3	11 x 70				
	11172288	1.5/2 mL Microtube (or Microtainer <sup>™</sup> tube)	16/8 x 1.5/2	10 x 41				

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M-10



	Cat. No.	Description	Rotor Capacity (places x volume, mL)	Max Tube Dimensions (Ø x L, mm)	Max Speed (rpm)	Max RCF (x g)	Max Speed (rpm)	Max RCF (x g)	
Fixe	ed Angle Ro <sup>-</sup>	tors			Vent	ilated	Refrig	jerated	
<u>&amp;</u>	75005709	HIGHConic III Rotor, 45°, R <sub>max</sub> 120 mm	6 x 50	30 x 121	8,700	10,155	9,500	12,108	
-	75005731	Replacement Lid (each)							
	75003058	Replacement Sealing O-rings (set of 2)							
	Adapters for HIGHConic III Rotor (set of 2)								
	Direct fit	50 mL Round Bottom Tube	6 x 50	30 x 115					
	75005802	38 mL Round Bottom Tube	6 x 38	25.5 x 110					
	75005803	16 mL Round Bottom Tube	6 x 16	18 x 123					
	75005808	15 mL Conical Tube	6 x 15	17 x 123					
	75005804	12 mL Round Bottom Tube	6 x 12	16 x 95					
	75005805	6.5 mL Round Bottom Tube	6 x 6.5	13.5 x 114					
	75005770	5 mL Conical Microtube	6 x 5	17 x 100					
	75005806	3.5 mL Round Bottom Tube	12 x 3.5	11 x 100					
	75005807	1.5/2 mL Microtube	12 x 2	11 x 40					
×	75003694	8 x 50 mL Individually Sealed Rotor 25°, R <sub>max</sub> 143 mm	8 x 50 Sealed	30 x 121	n/a	n/a	5,600	5,014	
	75003011	Replacement Biocontainment Lids (set of 2)							
	75003789	Replacement O-ring Kit							
	Adapters for 8 x 50 mL Individually Sealed Rotor (set of 2)								
	75005808	15 mL Conical Tube	8 x 15	17 x 121					
	75005804	10 mL Blood Collection Tube (16 x 100 mm)	8 x 10	16 x 110					
	75005805	7 mL Blood Collection Tube (13 x 100 mm)	8 x 7	13 x 110					
	75005806	3.5 mL Blood Collection Tube	16 x 3.5	11 x 75					
	75003623	CLINIConic Rotor, 37°, R <sub>max</sub> 140 mm	30 x 15	16.5 x 131	4,400	3,030	4,400	3,030	
	Adapters for	or CLINIConic Rotor (each)							
	Direct fit	15 mL Round/Conical Bottom Tube	30 x 15	16.5 x 131					
	75008817	10 mL Round Bottom Tube	30 x 10	16.5 x 95					
	11172596	5/7 mL BD Hemogard/ BD Vacutainer Tube	30 x 5/7	13 x 106					
	11172595	5 mL BD Hemogard Tube	30 x 5	13 x 75					
×	75005765	MicroClick 18 x 5 Rotor, R <sub>max</sub> 102 mm	18 x 5	17 x 62	n/a	n/a	14,000	22,351	
	Adapters for	or MicroClick 18 x 5 (set of 2)							
	75005756	1.5/2 mL Microtube	18 x 1.5/2	11 x 45					



	Cat. No.	Description	Rotor Capacity (places x volume, mL)	Max Tube Dimensions (Ø x L, mm)	Max Speed (rpm)	Max RCF (x g)	Max Speed (rpm)	Max RCF (x g)
Fixe	d Angle Rot	ors			Venti	ilated	Refrig	erated
×	75003602	Microliter 48 x 2 Rotor, 45°, R <sub>max</sub> 98 mm	48 x 1.5/2	11 x 45	11,800	15,256	12,900	18,233
_	70904727	Replacement Biocontainment Lid (each)						
	75003349	Replacement O-ring for Lid (each)						
×	75005719	MicroClick 30 x 2 Rotor, 45°, R <sub>max</sub> 99 mm	30 x 1.5/2	11 x 45	14,000	21,694	14,000	21,694
	75005730	Replacement ClickSeal Biocontainment Lid (each)						
	75005726	Replacement O-ring for Lid (each)						
×	75005715	MicroClick 24 x 2 Rotor, 45°, R <sub>max</sub> 85 mm	24 x 1.5/2	11 x 45	16,000	24,328	17,850	30,279
	75005725	Replacement ClickSeal Biocontainment Lid (each)						
	75003405	Replacement O-ring for Lid (each)						
	Adapters for	or Microliter 48 x 2, MicroClick 30 x 2 and MicroCli	ick 24 x 2 Rotors	(sets of 30)				
	75005752	0.2 mL PCR Tube	48/30/24 x 0.2	6.5 x 20				
	75005753	0.5 mL Microtube	48/30/24 x 0.5	8 x 44				
	75005754	0.25 mL Microtube	48/30/24 x 0.25	6 x 46				
	75005720	8 x 8 PCR Strip Rotor, 45°, R <sub>max</sub> 71 mm	8 x 8 PCR strips	n/a	15,000	17,860	15,000	17,860
	75005730	Replacement ClickSeal Biocontainment Lid (each)						
	75005726	Replacement O-ring for Lid (each)						
	75005733	Hematocrit Rotor, 90°, R <sub>max</sub> 85 mm, includes Linear Scale	24 Capillaries	n/a	13,300	16,810	13,300	16,810
	76000923	Capillaries (pack of 100)						
	75000964	Sealing Kit						
	76000938	Replacement Linear Scale Reading Graph						



### Thermo Scientific Heraeus Megafuge 8 Compact Centrifuge Series





:	Specifications	Heraeus Megafuge 8	Heraeus Megafuge 8R				
Swing Bucket	Max Capacity	4 x 145 mL (with TX-150 rotor)	4 x 145 mL (with TX-150 rotor)				
Rotors	Max Speed	4,500 rpm (with TX-150 rotor)	4,500 rpm (with TX-150 rotor)				
	Min Speed	300 rpm (with TX-150 rotor)	300 rpm (with TX-150 rotor)				
	Max RCF	3,260 x g (with TX-150 rotor)	3,260 x g (with TX-150 rotor)				
Fixed Angle	Max Capacity	6 x 50 mL (with HIGHConic rotor)	6 x 50 mL (with HIGHConic rotor)				
Rotors	Max Speed	16,000 rpm (with MicroClick 24 rotor)	17,850 rpm (with MicroClick 24 rotor)				
	Min Speed	300 rpm (with MicroClick 24 rotor)	300 rpm (with MicroClick 24 rotor)				
	Max RCF	24,328 x g (with MicroClick 24 rotor)	30,279 x g (with MicroClick 24 rotor)				
Control System	n	Microp	Drocessor				
Drive System		Direct, brushle	ess induction drive				
Rotor Locking	System	Auto-Lock	rotor exchange				
Imbalance Det	ection System	Continuous vibration measure	ement, with rotor mass correction				
Programs		4 direct program buttons	3 direct program buttons, 96 additional programs accessible via folde				
Pulse (Short) R	łun	Yes					
Acceleration/D	eceleration Rates	2/2 (stanc	2/2 (standard and soft)				
Centrifuge Cha	amber	Brushed stainless steel					
Timer Range		10 second to 99h 59min, continuous					
Temperature R	lange	n/a	-10°C to 40°C				
Pre-Cooling Fu	unction	n/a	Yes, with direct button				
Refrigeration S	System	n/a	CFC free				
Sound Level		<58 dBA (with TX-150 rotor) <61 dBA (with MicroClick 24 rotor)	<56 dBA with all rotors <52 dBA (with MicroClick 24 rotor)				
Other Features	3	Certified' ClickSea	al biocontainment lids				
		Multilingual selection : English, Dutch, Fr	ench, German, Italian, Russian and Spanish				
Max Power Co	onsumption	310 W	750 W				
Dimensions	Height (lid open)	67 cm (26.8 in)	70 cm (27.5 in)				
	Height (lid closed)	31 cm (12.2 in)	32 cm (12.6 in)				
	Width	37 cm (14.6 in)	46 cm (18.1 in)				
	Depth	48 cm (18.9 in)	67 cm (26.4 in)				
Weight	<u>ı</u> ·	35 kg (77 lb)	71 kg (156 lb)				
Standards &	Standards		0, IEC 61010-2-101, EN 61326-1				
Certifications	Certifications		mpliant, Certified biocontainment <sup>1</sup>				
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#### **Ordering information**

Product	Cat. No.
Heraeus Megafuge 8 centrifuge, ventilated, 120 V, 60 Hz	75007210
Heraeus Megafuge 8 centrifuge, ventilated, 230 V, 50/60 Hz	75007211
Heraeus Megafuge 8R centrifuge, refrigerated, 120 V, 60 Hz	75007213
Heraeus Megafuge 8R centrifuge, refrigerated, 230 V, 50/60 Hz	75007214

### Select the ideal compact centrifuge package for your application needs.

Complete packages, ready for immediate use!

Application Package	Accessories included	Centrifuge	Cat. No.
Multi-discipline			
	• TX-150 rotor - TX-150 buckets (set of 4)	Heraeus Megafuge 8R refrigerated centrifuge, 120 V	75130906
	<ul> <li>TX-150 ClickSeal biocontainment lids (set of 4)</li> <li>Adapters 4 x 50 mL conical</li> </ul>	Heraeus Megafuge 8 ventilated centrifuge, 120 V	75100906
	<ul> <li>Adapters 8 x 15 mL conical</li> <li>HIGHConic III 6 x 50 rotor</li> <li>M10 Microplate rotor</li> </ul>	Heraeus Megafuge 8R refrigerated centrifuge, 230 V	50144443
	• MicroClick 24 x 2 rotor	Heraeus Megafuge 8 ventilated centrifuge, 230 V	50147014
High capacity cell culture			
	<ul> <li>TX-150 rotor</li> <li>TX-150 oval buckets (set of 4)</li> </ul>	Heraeus Megafuge 8R refrigerated centrifuge, 120 V	75130395
	- Adapters 8 x 15 mL conical	Heraeus Megafuge 8 ventilated centrifuge, 120 V	75100395
		Heraeus Megafuge 8R refrigerated centrifuge, 230 V	50147016
Part		Heraeus Megafuge 8 ventilated centrifuge, 230 V	50147012
Cell culture			
	<ul> <li>TX-150 rotor <ul> <li>TX-150 buckets (set of 4)</li> <li>TX-150 ClickSeal biocontainment lids (set of 4)</li> <li>Adapters 4 x 50 mL conical</li> <li>Adapters 8 x 15 mL conical</li> </ul> </li> </ul>	Heraeus Megafuge 8R refrigerated centrifuge, 120 V	75133637
		Heraeus Megafuge 8 ventilated centrifuge, 120 V	75103637
		Heraeus Megafuge 8R refrigerated centrifuge, 230 V	50144363
		Heraeus Megafuge 8 ventilated centrifuge, 230 V	50140758
Routine clinical	• TX-150 rotor - TX-150 buckets (set of 4)	Heraeus Megafuge 8R refrigerated centrifuge, 120 V	75130102
	<ul> <li>TX-150 ClickSeal biocontainment lids (set of 4)</li> <li>Adapters 24 x 5/7 mL blood collection</li> <li>Adapters 16 x 10 mL blood</li> </ul>	Heraeus Megafuge 8 ventilated centrifuge, 120 V	75100102
		Heraeus Megafuge 8R refrigerated centrifuge, 230 V	50144445
	collection	Heraeus Megafuge 8 ventilated centrifuge, 230 V	50140775
PPP separation			
	• HIGHConic III 6 x 50 rotor - Adapters for 5/7 mL	Heraeus Megafuge 8 ventilated centrifuge, 120 V	75100947
		Heraeus Megafuge 8 ventilated centrifuge, 230 V	50153121
Molecular biology			
	• TX-150 rotor - TX-150 buckets (set of 4)	Heraeus Megafuge 8R refrigerated centrifuge, 120 V	75130115
	- TX-150 ClickSeal biocontainment lids (set of 4)	Heraeus Megafuge 8 ventilated centrifuge, 120 V	75100115
	<ul> <li>Adapters 4 x 50 mL conical</li> <li>Adapters 8 x 15 mL conical</li> <li>MicroClick 24 x 2 rotor</li> </ul>	Heraeus Megafuge 8R refrigerated centrifuge, 230 V	50147018
		Heraeus Megafuge 8 ventilated centrifuge, 230 V	50147015

## thermo scientific

## Fits in.

### More centrifuge solutions for your lab

#### Perfect Fit.

It's simple. From 1 Liter bottles, to 15 and 50 mL conical tubes and microplates, the versatile selection of **Thermo Scientific<sup>™</sup> Nalgene<sup>™</sup> and Nunc<sup>™</sup> centrifugation products** work seamlessly with your complete centrifuge and rotor system, bringing together outstanding quality and performance.





#### Thermo Scientific<sup>™</sup> Heraeus<sup>™</sup> Benchtop Centrifuges

Accelerate your research with high speeds, rotor versatility and outstanding safety. From intuitive controls, to the certified' Thermo Scientific ClickSeal biocontainment rotor lids that "click" in place, Thermo Scientific Heraeus benchtop centrifuges deliver the perfect blend of capabilities to support micro-volume protocols, a wide range of high volume swing-out applications and high speed processing.

#### Thermo Scientific<sup>™</sup> Heraeus<sup>™</sup> Pico<sup>™</sup>/Fresco<sup>™</sup> Micro microcentrifuge series

Select from two available speed options, up to  $17,000 \times g$  for routine laboratory work, or  $21,000 \times g$  for high-end research applications, and our extensive rotor portfolio, including:

- Standard 24-place rotor supports 1.5 to 2.0 mL tubes and spin columns.
- Unique dual row rotor holds 18 x 1.5/2.0 mL or 18 x 0.5 mL tubes, eliminating the need for adapters.

Thermo Scientific<sup>™</sup> Heraeus<sup>™</sup> Megafuge<sup>™</sup>/Multifuge<sup>™</sup> general purpose centrifuges Improve performance and endurance with innovative technologies with 1.6 or 4 Liter capacity in a compact footprint.

- Support multiple users with the flexibility to adapt with evolving clinical and research needs, up to 196 x 5/7 mL blood tubes or 40 x 50 mL conical tubes in one spin.
- Lightweight Thermo Scientific<sup>™</sup> Fiberlite<sup>™</sup> carbon fiber rotors provide outstanding ergonomics and performance.

1 🗇 Biocontainment certification by the Public Health England, Porton Down, UK



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