

thermo scientific



# Thermo Scientific Clinical Centrifuge Solutions

Fits in. Stands out.

**ThermoFisher**  
SCIENTIFIC

# Thermo Scientific Clinical Centrifuge Solutions

## Designed to fit in.

- To your space, with **compact footprints** and **quiet operation**
- To your timeline, with **intuitive programming** for routine protocols and **large brightly-lit displays**
- To your applications, with a **comprehensive rotor portfolio** from 120 mL to 4 L, accommodating 1.5 mL to 50 mL sample tubes, microplates and 10 mL standard syringes

## Stands out.

- Designed for solid performance and consistent results
- Featuring innovative Thermo Scientific™ technologies:
  - Certified<sup>1</sup> **ClickSeal™ biocontainment lids** help ensure operator safety
  - Quick rotor removal and easy cleaning with **Auto-Lock™ rotor exchange**
  - **Maximized capacity** up to 196 x 5/7 blood tubes with the TX-1000 rotor in the ST4 and ST4F Centrifuges
  - Unique **DualSpin™ rotor** features hybrid design with interchangeable fixed angle and swinging buckets in the Medifuge
  - **Ergonomic designs** including floor-standing models to also enhance placement flexibility in the lab

<sup>1</sup> Biocontainment certification by Public Health England Laboratories, Porton Down, UK.



Large brightly-lit displays



Comprehensive rotor portfolio



ClickSeal biocontainment lids



Ergonomic designs



DualSpin rotor

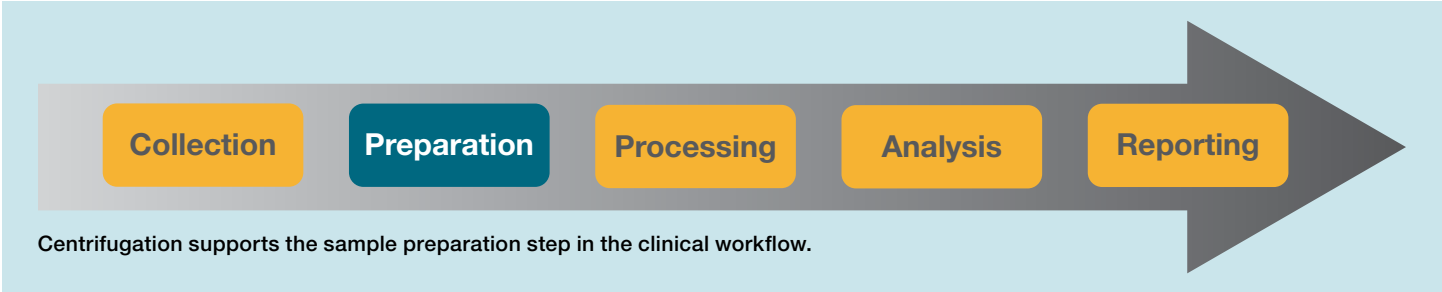


Auto-Lock rotor exchange



Discover our range of Thermo Scientific centrifuge solutions for sample preparation across most common clinical applications

	Field						
	Clinical Chemistry/ Hematology	Pathology	Clinical Microbiology	Molecular Biology	Hematology	Clinical Immunology	Pediatrics
ST4/ST4R Plus (benchtop) ST4F/ST4FR Plus (floor-standing)	●	●	●	●		●	●
ST1/ST1R Plus	●	●	●	●		●	●
Megafuge 8/8R	●	●	●	●	●	●	●
Medifuge	●	●	●				
Pico 17/Fresco 17R microcentrifuge Pico 21 / Fresco 21R microcentrifuge	●			●	●		●
CW3 Cell Washer						●	





# Thermo Scientific Megafuge ST4 and ST4F Plus Centrifuges

## Spin up to 196 x 5/7 mL blood tubes

- Flexibility up to 4 L capacity in a 3 L footprint
- ClickSeal biocontainment lids provide added safety
- Benchtop and floor-standing options available to fit every lab



## ST4/ST4R Plus Benchtop and ST4F/ST4FR Plus Floor Standing Centrifuges

Thermo Scientific™ Rotor	Field									
	Clinical Chemistry/Hematology			Pathology	Clinical Microbiology		Molecular Biology	Clinical Immunology		Pediatrics
	Sample Capacity (Required Adapter)									
	5/7 mL Blood Collection Tubes (13 x 75/100 mm)	10 mL Blood Collection Tubes (15/16 x 100 mm)	15 mL Blood Collection Tubes (16 x 125 mm)	14 mL Urine or 15 mL Conical Tubes	50 mL Conical Tubes, Individually Sealed	Shell Vials (15 x 47 mm)	1.5/2 mL Microtubes	50 mL Conical Tubes	Standard Microplates	600 µL Blood Collection Tubes (11 x 45 mm)
TX-1000	196 (75003671)	100 (75003697)	76/92 <sup>2</sup> (75003672)	96 (75007306)	20 (75004255)	148 (75003672)		40 (75003674)	24 (4x6) (75007303)	
	164 (75003709)	148 (75003672)								
TX-750	108 (75003723)	84 (75003719)	32 (75003719)	48 (75003718)	12 (75003714)	84 (75003719)	192 (75003733)	28 (75003638)	16 (4x4) (75003617)	192 (75003733)
	80 (75003768)	64 (75003767)		36 (75003759)		64 (75003767)	224 (75003770)	20 (75003685)		224 (75003770)
BIOShield™ 1000A	80 (75003768)	64 (75003767)		36 (75003759)		64 (75003767)	224 (75003770)			224 (75003770)
HIGHPlate™ 6000									10 (2x5) (Direct fit)	
M-20									6 (2x3) (Direct fit)	
Microliter 48x2							48 (Direct fit)			48 (Direct fit)
MicroClick™ 30x2							30 (Direct fit)			30 (Direct fit)

# Thermo Scientific Megafuge ST1 Plus Centrifuges



## For clinical laboratories requiring mid-level throughput

- Process up to 76 x 5/7 mL blood tubes
- 14 rotor options available for most common application needs
- ClickSeal biocontainment lids provide added safety

## ST1/ST1R Plus Centrifuges

Thermo Scientific™ Rotor	Field								
	Clinical Chemistry/Hematology			Pathology	Clinical Microbiology	Molecular Biology	Clinical Immunology		Pediatrics
	Sample Capacity (Required Adapter)								
	5/7 mL Blood Collection Tubes (13 x 75/100 mm)	10 mL Blood Collection Tubes (16 x 100 mm)	15 mL Blood Collection Tubes (16 x 125 mm)	14 mL Urine or 15 mL Conical Tubes	Shell Vials (15 x 47 mm)	1.5/2 mL Microtubes	50 mL Conical Tubes	Standard Microplates	600 µL Blood Collection Tubes (11 x 45 mm)
TX-400	76 (75003680) 64 (75003825)	56 (75003681)	16 (75003794)	28 (75003798)	40 <sup>a</sup> (75003704)	136 (75003700)	16 (75003683)		136 (75003700)
H-Flex 1 Rotor	84 (75003306)	64 (75003305)	36 (75003304)				16 (75003303)	6 (75003307)	
BIOShield 720	48 (75003821)	48 (75003701)		24 (75003678)	48 (75003701)	160 (75003823)	8 (75003677)		160 (75003823)
TX-200	32 (75003785)	28 (75003808)		8 (75003807)	28 (75003808)	48 (75003812)	4 (75003803)		48 (75003812)
HIGHPlate 6000								10 (2x5) (Direct fit)	
M-20								6 (2x3) (Direct fit)	
Microliter 48x2						48 (Direct fit)			48 (Direct fit)
MicroClick 30x2						30 (Direct fit)			30 (Direct fit)

<sup>a</sup> Requires spacers 75008817 or 75008818

# Thermo Scientific Megafuge 8 Centrifuges

**Compact centrifuges designed for effective and efficient processing of clinical samples**

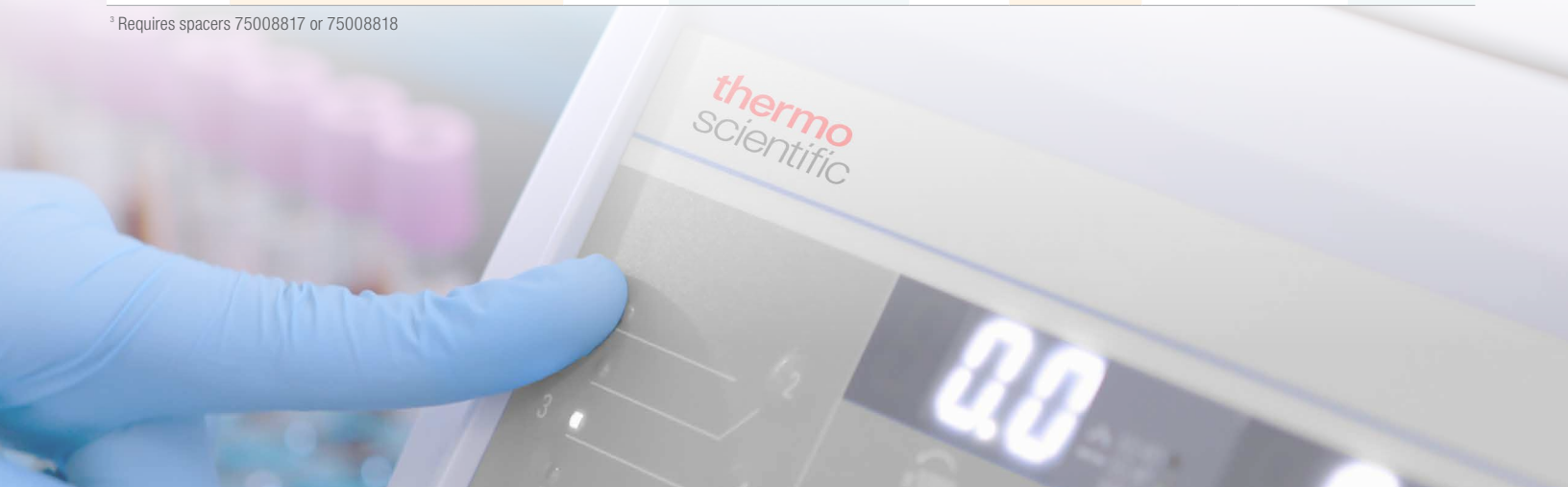
- Accommodate up to 24 x 5/7 mL blood tubes
- ClickSeal biocontainment lids provide added safety



## Megafuge 8/8R Centrifuges

	Field										
	Clinical Chemistry/Hematology			Pathology	Clinical Microbiology		Molecular Biology	Hematology	Clinical Immunology		Pediatrics
	Sample Capacity (Required Adapter)										
Thermo Scientific™ Rotor	5/7 mL Blood Collection Tubes (13 x 75/100 mm)	10 mL Blood Collection Tubes (16 x 100 mm)	15 mL Blood Collection Tubes (16 x 125 mm)	14 mL Urine or 15 mL Conical Tubes	50 mL Conical Tubes, Individually Sealed	Shell Vials (15 x 47 mm)	1.5/2 mL Microtubes	Capillaries (1.75 x 75 mm max)	50 mL Conical Tubes	Standard Microplates	600 µL Blood Collection Tubes (11 x 45 mm)
TX-150	24 (75005739)	16 (75003504)		16 (75005738)		16 <sup>a</sup> (75003504)	40 (75005743)		4 (75005736) 8 (75005703)		40 (75005743)
TX-100/TX-100S	16/8 (11172596) 16/8 (11172595)	16/8 (Direct fit)		16/8 (11203666)		16/8 (75008818)	16/8 (11172288)				16/8 (11172288)
8x50 Sealed	8 (75005805)	8 (75005804)				8 <sup>a</sup> (75005804)					16 (75005806)
CLINIConic™	30 (11172595) 30 (11172596)	30 (75003702)	30 (Direct fit)	30 (Direct fit)		16/8 (75008818)					
HIGHConic™ III	6 (75005805)	6 (75005804)	6 (75005803)	6 (75005808)		6 <sup>a</sup> (75005803)	12 (75005807)		6 (Direct fit)		12 (75005807)
M-10									4 (2x2) (Direct fit)		
MicroClick 48x2							48 (Direct fit)				48 (Direct fit)
MicroClick 30x2							30 (Direct fit)				30 (Direct fit)
MicroClick 24x2							24 (Direct fit)				24 (Direct fit)
Hematocrit								24 (Direct fit)			

<sup>a</sup> Requires spacers 75008817 or 75008818



# Thermo Scientific™ Medifuge™ Clinical Centrifuges

**Optimize your workflow with the unique “2-in-1” hybrid design of the Thermo Scientific™ DualSpin™ rotor**

- 8-place interchangeable fixed angle and swinging buckets
- Program up to 4 routine protocols
- Fits into doctor’s labs



## Medifuge Centrifuges

Rotor	Field				
	Clinical Chemistry/Hematology			Pathology	Clinical Microbiology
	Sample Capacity				
	5/7 mL Blood Collection Tubes (13 x 75/100 mm)	10 mL Blood Collection Tubes (16 x 100 mm)	15 mL Blood Collection Tubes (16 x 125 mm)	14 mL Urine or 15 mL Conical Tubes	Shell Vials (15 x 47 mm)
DualSpin (Fixed Angle)	8 (Yellow)	8 (Direct fit)	8 (Direct fit)	8 (Direct fit)	8 (Direct fit)
DualSpin (Swinging Bucket)	8 (Yellow)	8 (Direct fit)		8 (Direct fit)	8 (Direct fit)



## Thermo Scientific™ CW3 Cell Washer

**Precise, automated performance designed to provide thorough, reproducible blood cell washing**

- Flexibility of 12- or 24-place rotors meet your protocol requirements
- Preset programs in automatic mode save valuable hands-on time
- Efficient cell washing in 3 minutes

### CW3 Cell Washer

Rotor	Field	
	Clinical Immunology	
	Sample Capacity	
	Blood Collection Tubes (10/12 x 75 mm)	
24-place	24 (Direct fit)	
12-place	12 (Direct fit)	

## Thermo Scientific™ Pico and Fresco 17 and 21 Microcentrifuges

**Small footprint with outstanding features, suited for molecular diagnostic and pediatric tests**

- Spin up to 24 micro or pediatric tubes in a single run
- ClickSeal biocontainment lids with transparent design for added safety



### Pico 17/21 and Fresco 17R/21R

Rotor	Field			
	Molecular Biology	Clinical chemistry/hematology	Hematology	Pediatrics
	Sample Capacity			
	1.5/2 mL Microtubes	1/5/2mL microtubes	Capillaries (1.75 x 75 mm max)	600 µL Blood Collection Tubes (11 x 45 mm)
24x1.5/2.0 mL	24 (Direct fit)	24 (Direct fit)		24 (Direct fit)
Hematocrit			24 (Direct fit)	

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# LERN Immersive Lab



The Laboratory Essentials Resource Network (LERN) is a unique online resource where science professionals can discover innovative lab equipment and consumables,

find product support, and learn about new application uses. Among the offerings are centrifuge demonstrations and on-demand “how to” videos: find out more at [thermofisher.com/lern](https://thermofisher.com/lern)

Find out more at [thermofisher.com/clinicalcentrifuges](https://thermofisher.com/clinicalcentrifuges)

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