



Thermo Scientific Heraeus Pico  
and Fresco Microcentrifuge Series

Fits in.  
**Stands out.**

# Thermo Scientific Heraeus Pico and Fresco Microcentrifuges

## Fits in.

- ▶ To your space, with compact footprints
- ▶ To your micro-volume protocols:
  - Choose from 7 optional rotors to find the ideal fit for your application
  - Two speed options, and both ventilated and refrigerated models available

## Stands out.

- ▶ Simplify operation with intuitive controls, easy-to-read displays and fast one-click centrifuge lid closure
- ▶ Fast acceleration and deceleration, and outstanding corrosion resistance with lightweight engineered polymer rotors
- ▶ Ergonomic one-click rotor opening and closing, as well as transparent design for added safety with certified<sup>1</sup> Thermo Scientific™ ClickSeal™ biocontainment lids
- ▶ Eliminate the need for adapters with unique dual row rotor



<sup>1</sup>Biocontainment certification by Public Health England, Porton Down, UK on all rotors with ClickSeal biocontainment lids, except for the 10 x 5 mL rotor.



Watch them in action at  
[www.thermoscientific.com/microcentrifuge](http://www.thermoscientific.com/microcentrifuge)



Large, bright and easy-to-read display



Transparent ClickSeal biocontainment lids



Fast one-click centrifuge lid closure

## ▶ safe, powerful, versatile, easy-to-use

The **Thermo Scientific™ Heraeus™ Pico™ and Fresco™ 17 microcentrifuges** are excellent for routine laboratory work, while the **Heraeus Pico and Fresco 21 microcentrifuges** are ideal for high-end research applications, reducing spin times by up to 20%.<sup>2</sup>

### Perform both complex and simple protocols:

- ▶ The standard rotor runs 24 tubes in a single row with equalized g-forces for reproducibility, from 1.5 to 2.0 mL tubes to mini-preps and spin columns
- ▶ Eliminate the need for adapters with the unique dual row rotor, which holds 18 tubes of both 1.5/2.0 mL and 0.5 mL in the same run
- ▶ Maximize your micro-volume capacity with the new 10 x 5 mL rotor with ClickSeal biocontainment lid, separating samples at g-force up to 20,326 x g
- ▶ Wide variety of rotors support 0.5 mL microtubes, 0.2 mL PCR tubes and hematocrit capillary tubes

### Save time with fast sample processing

- ▶ Lightweight rotors are designed to provide acceleration up to 21,100 xg in 12 seconds
- ▶ Refrigerated versions offer cooling from room temperature to set temperature in just 9 minutes
- ▶ Fast one-click centrifuge lid closure

### Ideal for everyday laboratory use:

- ▶ High performance engineered polymer rotors are designed for outstanding chemical resistance to minimize corrosion from aggressive reagents
- ▶ ClickSeal biocontainment lids shorten retrieval time with one-click opening, compared to screw-on lids
- ▶ Transparent PPSU rotor lids enable viewing for added safety and convenience
- ▶ Quiet performance (<56 dBA ventilated and <50 dBA refrigerated) promotes a safe and reduced stress environment
- ▶ Conforms to the latest clinical and safety standards, including 98/79/EC In Vitro Diagnostic Directive

<sup>2</sup>Compared to Heraeus Pico and Fresco 17 microcentrifuges.

# Thermo Scientific Microcentrifuge Rotors and Accessories

	Description	Rotor Capacity	Max Tube Dimensions	Max Speed (rpm)	Max RCF (xg)	Cat. No.
	<b>24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid</b>  <p>Standard rotor with exceptional versatility – 24 tubes per run from basic microtube processing to mini-preps and spin columns and additional flexibility with available adapters.</p>	24 x 1.5/2.0	11 x 50	14,800	21,100	75003424
	0.5/0.6 mL microliter tube adapters, pack of 24	24 x 0.5/0.6	7 x 32	14,800	21,100	76003252
	0.25/0.4 mL microliter tube adapters, pack of 24	24 x 0.25/0.4	6 x 24	14,800	21,100	76003251
	0.2 mL PCR tube adapters, pack of 24	24 x 0.2	6 x 24	14,800	21,100	76003250
	<b>Dual Row 18 x 2.0/0.5mL rotor with screw-on lid</b> <p>Accommodate two different size tubes in one rotor without using adapters.</p>	18 x 2.0/ 18 x 0.5	11 x 50	14,800	20,800	75003418
	<b>36 x 0.5 mL rotor with screw-on lid</b> <p>Increase throughput for smaller microtubes.</p>	36 x 0.5	7 x 32	14,800	19,300	75003436
	<b>10 x 5 mL rotor with ClickSeal biocontainment lid<sup>3</sup></b> <p>Increase your nucleic acid sample separation.</p>	10 x 5	17 x 62	14,800	20,326	75003465
	<b>PCR 8 x 8 rotor with screw-on lid</b> <p>Centrifuge up to 8 PCR strips at one time.</p>	64 x 0.2	6 x 24	14,800	17,100	75003489
	<b>PCR 4 x 8 rotor with ClickSeal biocontainment lid</b>  <p>Process up to 4 PCR strips with certified<sup>1</sup> sample protection.</p>	32 x 0.2	6 x 24	14,800	16,200	75003440
	<b>Hematocrit rotor</b> <p>Achieve fast capillary separations with included linear scale to read results.</p>	24 Capillaries		14,800	16,800	75003473
	Capillaries, pack of 100 (included with hematocrit rotor #75003473)	24 Capillaries				76000923
	Linear scale reading graph (included with hematocrit rotor #75003473)					76000938

Replacement Lids	Cat. No.
ClickSeal biocontainment lid*	75003410
Replacement O-ring set for ClickSeal lid – 75003410	75003405
Screw-on lid	75003406

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

<sup>3</sup>Tested for aerosol-tight seal.

\*Used with rotors 75003424, 75003440 and 75003465

## Thermo Scientific Heraeus Pico and Fresco Microcentrifuges



Specifications	Heraeus Pico and Fresco 17	Heraeus Pico and Fresco 21
<b>Max RCF</b>	17,000 xg	21,100 xg
<b>Max Speed</b>	13,300 rpm	14,800 rpm
<b>Max Noise Level</b>	56 dBA (ventilated); 50 dBA (refrigerated)	
<b>Acceleration/Deceleration Rates</b>	11/12 seconds (ventilated); 10/12 seconds (refrigerated)	
<b>Time Set Range</b>	1 min - 99 min; 1 min increments + HOLD mode	
<b>Temperature Range<sup>4</sup></b>	Set from -9 °C to +40 °C per 1 °C increment	
<b>Certifications</b>	CSA certified, CE marked, IVD compliant, Certified biocontainment <sup>1</sup>	
<b>Technical Standards</b>	IEC 61010-1, IEC 61010-2, IEC 61010-020	
<b>Dimensions, H x W x D</b>		
<b>Heraeus Pico 17/21 centrifuges</b>	225 x 243 x 352 mm (8.86 x 9.56 x 13.8 in)	
<b>Heraeus Fresco 17/21 centrifuges</b>	330 x 295 x 445 mm (12.9 x 11.6 x 17.5 in)	

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

<sup>4</sup>Heraeus Fresco centrifuges only.

Ordering Information	230V 50/60 Hz	120V 60 Hz	230V 50/60 Hz	120V 60 Hz
	<b>Heraeus Pico 17</b>		<b>Heraeus Fresco 17</b>	
<b>Thermo Scientific Heraeus microcentrifuge,</b> includes 24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid	75002410	75002411	75002420	75002421
<b>Thermo Scientific Heraeus microcentrifuge,</b> includes hematocrit rotor	75002491	75002492	N/A	N/A
<b>Thermo Scientific Heraeus microcentrifuge,</b> includes dual row 18 x 2.0/0.5 mL rotor with screw-on lid	75002414	75002401	75002423	75002402
	<b>Heraeus Pico 21</b>		<b>Heraeus Fresco 21</b>	
<b>Thermo Scientific Heraeus microcentrifuge,</b> includes 24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid	75002415	75002416	75002425	75002426
<b>Thermo Scientific Heraeus microcentrifuge,</b> includes dual row 18 x 2.0/0.5 mL rotor with screw-on lid	75002553	75002554	75002555	75002556
<b>Thermo Scientific Heraeus microcentrifuge,</b> includes 24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid and dual row 18 x 2.0/0.5 mL rotor with screw-on lid	75002475	750024777	75002476	75002478

## Support your micro-volume separation needs

with a complete family of Thermo Scientific microcentrifuges that fits in and stands out.



## Thermo Scientific™ Microcentrifuges

### mySPIN™ mini centrifuge series

- ▶ Enjoy convenience at your personal workstation with our most compact centrifuges
- ▶ Designed for quick and pulse spins
- ▶ Ideal for PCR, microfilter cell separation, and HPLC protocols
- ▶ Spin 6 x 2 mL at 2,000 x g or 12 x 2 mL at up to 9,800 x g

### Heraeus Pico and Fresco 17 and 21 microcentrifuge series

- ▶ Perform routine separations with our standard microcentrifuges
- ▶ Fast acceleration and deceleration, and outstanding corrosion resistance with lightweight engineered polymer rotors
- ▶ Maximize your micro-volume separation capabilities with the 10 x 5 mL rotor with ClickSeal biocontainment lid
- ▶ Spin 24 x 2 mL at up to 21,100 x g

### Heraeus™ Megafuge™ 8 small benchtop centrifuge series

- ▶ More than a microcentrifuge—benefit from increased flexibility in your multi-discipline lab
- ▶ Easily change rotors with innovative Thermo Scientific™ Auto-Lock™ rotor exchange
- ▶ Choose from 13 optional rotors, including 30 x 2 mL fixed angle rotor and 4 x 145 mL swinging bucket rotor
- ▶ Spin 24 x 2 mL at up to 30,279 x g



**Wolflabs**

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**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

