



## Thermo Scientific MicroCL 17 and 21 Microcentrifuge Series

*A new separation experience*

# Thermo Scientific MicroCL 17 and 21



▶ Our Thermo Scientific MicroCL 17 and 21 microcentrifuges combine power, versatility and convenience in a safe, compact, easy-to-use lab instrument. Available in both ventilated and refrigerated models, the MicroCL 17 and 21 are designed to accelerate your routine sample preparation processes by providing high speed and generous capacity along with outstanding safety and convenience.

*Unique dual row rotor eliminates adapters.*

From the intuitive controls, to the innovative Thermo Scientific ClickSeal biocontainment lid, MicroCL 17 and 21 microcentrifuges deliver the perfect blend of capabilities to support your micro-volume protocols such as nucleic acid or protein lysate preparation and PCR reaction set-up.

## Powerful, Versatile and Easy to Use

Choose from two speed options to meet your application needs – the MicroCL 17 is perfect for routine laboratory work or the MicroCL 21 is ideal for high-end research applications, reducing spin times by up to 20%. Coupled with our extensive rotor selection, achieve the speed and versatility you need to carry out complex as well as simple protocols.

- ▶ Our 24-place rotor can be used for all 1.5 to 2.0 mL tubes, including mini-preps and spin columns
- ▶ A unique dual row rotor holds 18 x 1.5/2.0 mL and 18 x 0.5 mL tubes, eliminating the need for adapters
- ▶ Special high-capacity rotors support 0.5 mL microtubes, 0.2 mL PCR tubes and hematocrit capillary tubes

Process your samples faster with our exceptional acceleration and deceleration rates

Unique ClickSeal® biocontainment rotor lid “clicks” in place, providing assurance that samples are securely contained, and with one click opening, shortens retrieval time compared to screw-on lids

New PPSU lids have improved strength and chemical resistance compared with polycarbonate and metallic lids, and transparency enables viewing for added safety and convenience

Quiet performance (<56 dBA ventilated and <50 dBA refrigerated) provides a safe, stress-free environment

Intuitive controls and easy-to-read display simplifies operation

Highly resistant unit and rotor materials enables vigorous yet easy cleaning and rotor autoclaving for years of contaminant-free operation



*First in the industry ClickSeal biocontainment lids provide certified, ergonomic, one click rotor opening and closing.*



*Highly visible display can be read across the lab.*



### Thermo Scientific MicroCL 17 and 21 Rotors and Accessories

Description	Rotor Capacity	Max Tube Dimensions	Max Speed	Max RCF	Cat. No.
24 x 1.5/2.0 mL rotor with  ClickSeal biocontainment lid	24x1.5/2	11x50	14,800	21,100	75003424
0.5/0.6 mL microliter tube adapters, pack of 24	24x0.6/0.5	7x32	14,800	21,100	76003252
0.25/0.4 mL microliter tube adapters, pack of 24	24x0.4/0.25	6x24	14,800	21,100	76003251
0.2 mL PCR tube adapters, pack of 24	24x0.2	6x24	14,800	21,100	76003250
36 x 0.5 mL rotor with screw-on lid	36x0.5	7x32	14,800	19,300	75003436
Dual Row rotor 18 x 2.0 /0.5 mL with screw-on lid	18x2/18x0.5	11x50	14,800	20,800	75003418
PCR 8 x 8 rotor with screw-on lid	64x0.2	6x24	14,800	17,100	75003489
PCR 4 x 8 rotor with  ClickSeal biocontainment lid	32x0.2	6x24	14,800	16,200	75003440
Hematocrit rotor	24 Hematocrit Tubes		14,800	16,800	75003473

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

\*Used with rotor 75003424 and rotor 75003440



▶ 24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid



▶ 36 x 0.5 mL rotor with screw-on lid



▶ Dual Row rotor 18 x 2.0/0.5 mL with screw-on lid



▶ PCR 8 x 8 rotor with screw-on lid



▶ PCR 4 x 8 rotor with ClickSeal biocontainment lid



▶ Hematocrit rotor

## Thermo Scientific MicroCL 17 and 21 Microcentrifuges



Specifications	MicroCL 17/17R	MicroCL 21/21R
Max RCF	17,000 x g	21,100 x g
Max Speed	13,300 rpm	14,800 rpm
Max Noise Level	56 dBA (ventilated), 50 dBA (refrigerated)	
Time Set Range	1 min - 99 min; 1 min increments + HOLD mode	
Temperature Range*	Set from -9 °C to +40 °C per 1 °C increment	
<b>Dimensions, H x W x D</b>		
MicroCL 17/21	225 x 243 x 352 mm (8.86 x 9.56 x 13.8 in)	
MicroCL 17R/21R	330 x 295 x 445 mm (12.9 x 11.6 x 17.5 in)	

\*Refrigerated models only

Ordering Information	230V 50/60 Hz		120V 60 Hz	
	MicroCL 17		MicroCL 17R	
Thermo Scientific MicroCL microcentrifuge, includes 24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid	75002450	75002451	75002455	75002456
Thermo Scientific MicroCL microcentrifuge, includes hematocrit rotor	75002495	75002496	N/A	N/A
	MicroCL 21		MicroCL 21R	
Thermo Scientific MicroCL microcentrifuge, includes 24 x 1.5/2.0 mL rotor with ClickSeal biocontainment lid	75002465	75002466	75002470	75002471

Experience our complete line of Thermo Scientific microcentrifuges and achieve the speed, capacity and versatility your micro-volume protocols require — visit [www.thermoscientific.com/microcentrifuge](http://www.thermoscientific.com/microcentrifuge).



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