



IEC
MicroCL
17 & 17R
IEC
MicroCL
21 & 21R

Microcentrifuge
Series



Powerful, Versatile and Easy to Use

- Choice of 17,000 or 21,000 x g on both the ventilated IEC MicroCL 17 & 21 and the refrigerated IEC MicroCL 17R & 21R expand your options
- Generous capacity holds 24 x 2 mL tubes and 8 x 8 PCR strips so you can process more samples per run
- Unique ClickSeal™ bio-containment rotor lid provides superior safety and convenience
- Unique 18-place dual-row rotor spins both 2.0 mL and 0.5 mL tubes
- Fast acceleration and deceleration reduces run times
- Broad range of rotors, including rotors for PCR strips and 36 x 0.5 mL microtubes, supports virtually any application
- Intuitive controls with easy to read display make set-up and operation easy
- Highly resistant materials allow vigorous cleaning and autoclaving for years of safe, reliable operation

Small instrument, big impact

The IEC MicroCL microcentrifuges from Thermo combine power, versatility and convenience in a safe, compact, easy to use lab instrument. Both the ventilated IEC MicroCL 17 & 21 and the refrigerated IEC MicroCL 17R & 21R are designed to accelerate your routine sample preparation processes by providing high speed and generous capacity along with outstanding safety and convenience.

From the intuitive controls, to the simple 'ClickSeal' bio-containment lid, the IEC MicroCL microcentrifuges deliver the perfect blend of capabilities to support micro-volume protocols such as nucleic acid preparation, protein isolation and reaction set-up.

Analyze • Detect • Measure • Control™

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IEC MicroCL 17 & 17R and MicroCL 21 & 21R Microcentrifuge Series

High Productivity

The IEC MicroCL 17 & 17R and MicroCL 21 & 21R microcentrifuges from Thermo provide fast, efficient processing of your micro-volume samples.

- The extensive rotor selection and 17,000 and 21,000 x g speed options give the The IEC MicroCL 17 & 17R and MicroCL 21 & 21R series the speed and versatility to carry out complex as well as simple protocols.
- Fast acceleration and deceleration time (≈12 seconds) means you can process more samples in less time.

Exceptional Versatility

The IEC MicroCL 17 & 17R and MicroCL 21 & 21R models boast the widest selection of high-capacity rotors available to cover all types of micro-volume tubes.

- The 24-place rotor can be used for all 1.5 to 2.0 mL tubes, including mini-preps.
- A new 18-place dual-row rotor accepts 2.0 mL and 0.5 mL tubes, eliminating the need for inserting and removing adapters.

- Special high-capacity rotors support 0.5 mL microtubes, 0.2 mL PCR tubes and hematocrit capillary tubes.

Outstanding Safety and Convenience

The IEC MicroCL 17 & 17R and MicroCL 21 & 21R microcentrifuges are designed to ensure safe, easy operation for everyone in the lab.

- Unique ClickSeal bio-containment rotor lid ensures you that a proper seal has been made, taking the guesswork out of your safety precautions.
- Intuitive controls and bright, easy-to-read displays make set-up and operation easy
- Highly resistant rotor materials allow vigorous cleaning and autoclaving for years of contaminant-free operation.
- Sleek, lightweight design maximizes benchspace and is easy to clean and maintain.

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From the intuitive controls and broad rotor selection to the simple ClickSeal bio-containment rotor lid, the IEC MicroCL 17 & 17R and MicroCL 21 & 21R microcentrifuges deliver the perfect blend of capabilities to support your micro-volume protocols.

Ordering Information	Cat. No.	Cat. No.
IEC MicroCL 17/17R Packages		
IEC MicroCL 17, includes 24 x 1.5/2.0 mL rotor with ClickSeal bio-containment lid	75002450	75002451
IEC MicroCL 17R, includes 24 x 1.5/2.0 mL rotor with ClickSeal bio-containment lid	75002455	75002456
IEC MicroCL 17, incl. hematocrit rotor	75002495	75002496
Rotors for IEC MicroCL 17/17R		
24 x 1.5/2.0 mL rotor with ClickSeal bio-containment lid	75003424	
Hematocrit rotor	75003473	
IEC MicroCL 21/21R Packages		
IEC MicroCL 21, incl. 24 x 1.5/2.0 mL rotor with ClickSeal bio-containment lid	75002465	75002466
IEC MicroCL 21R, incl. 24 x 1.5/2.0 mL rotor with ClickSeal bio-containment lid	75002470	75002471
Rotors for IEC MicroCL 21/21R		
24 x 1.5/2.0 mL, rotor with ClickSeal bio-containment lid	75003424	
36 x 0.5 mL rotor with screw-on lid	75003436	
PCR 8 x 8 rotor with screw-on lid	75003489	
PCR 4 x 8 rotor with ClickSeal bio-containment lid	75003440	
Dual 18 x 2.0 mL/0.5 mL	75003418	
Replacement Lids for IEC MicroCL 17/17R and 21/21R		
ClickSeal bio-containment lid ¹	75003410	
Screw on lid ²	75003406	
Adapters for IEC MicroCL 17/17R and 21/21R		
0.5/0.6 mL microliter tubes, pack of 24	76003758	
0.25/0.4 mL microliter tubes, pack of 24	76003759	
0.2 mL PCR tubes, pack of 18	76003750	

¹ Used with rotor 75003424 and rotor 75003440
² Used with rotors 75003436, 75003489 or 75003418 (21/21R only)

Technical Specifications

	IEC MicroCL 17 & IEC MicroCL 17R	IEC MicroCL 21 & IEC MicroCL 21R
Max g-force:	17,000	21,100
Max RPM:	13,300	14,800
Noise level:	<55 dBA	<56 dBA
Time set range:	1 min - 99 min; 1 min increments	1 min - 99 min; 1 min increments
Temp set range*:	Set from -9 °C to +40 °C per 1°C increment	Set from -9 °C to +40 °C per 1°C increment
Dimensions (mm/in):		
IEC MicroCL 17	225 x 243 x 352 (8.86 x 9.56 x 13.8)	
IEC MicroCL 21	225 x 243 x 352 (8.86 x 9.56 x 13.8)	
IEC MicroCL 17R	330 x 295 x 445 (12.9 x 11.6 x 17.5)	
IEC MicroCL 21R	330 x 295 x 445 (12.9 x 11.6 x 17.5)	

*IEC MicroCL 17R/21R only

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