

Benchmark 

# MC-24™

MICROCENTRIFUGE SERIES



**High Speed**



**Touch Control**



**Quiet Operation**



**Powerful Refrigeration**



**MC-24™ Touch**  
HIGH SPEED MICROCENTRIFUGE



C2417

- + Full Color Touch Screen
- + mySpin™ 1 button program recall
- + COMBI-Rotor™ accepts tubes and strips
- + Unique air-flow system, keeps samples cool

**MC-24R™**  
REFRIGERATED MICROCENTRIFUGE

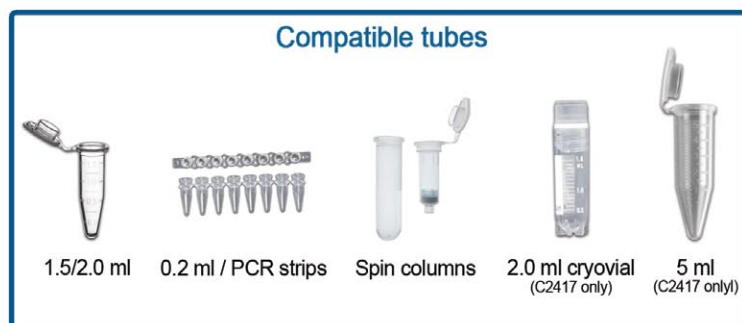


C2417-R

- + Touch operation
- + Powerful refrigeration, as low as -20°C
- + COMBI-Rotor™ accepts tubes and strips
- + Status indicator light



Included **Combi-Rotor™**  
Accepts tubes and strips  
(includes snap on lid)



The MC-24 Series consists of Benchmark's flagship, high speed microcentrifuges. With two models available (air-cooled or compressor-refrigerated) these 24-position microcentrifuges offer the unmatched flexibility with a unique (patent pending) COMBI-Rotor™ that accepts both microtubes (1.5-2.0ml) as well as PCR strips (8 x 0.2ml).

Both models feature next generation, touch-control panels with modern programming, providing control over accel/decel levels, program memory and rcf conversion with radius offset (for accurate rcf values, even when using one of the optional rotors).

The MC-24 Touch features a proprietary air-cooling design that mildly cools the rotor during centrifugation and prevents large increase in temperature during extended runs at high speeds. For sub-ambient temperatures, the MC-24 Refrigerated includes a powerful, compressor based refrigeration system, capable of cooling to -20C.

The MC-24 series high speed microcentrifuges are compact, convenient, and easy to operate which makes them perfectly suited to be the workhorse for any lab.

<b>Touch Control</b>		Modern touch interface for ease of use (even when wearing gloves)
<b>Quiet Operation</b>		Both the ambient and refrigerated MC-24 Series centrifuges offer whisper quiet operation at full speed
<b>High Speed</b>		Powerful motor drive provides speeds up to 13,500 rpm (16,800xg)
<b>Powerful Refrigeration</b>		Powerful refrigeration, cools to 4°C in ~10 minutes

**Technical Data:**

Model:	MC-24	MC-24R
Item Number:	C2417	C2417-R
Max rpm/rcf	13,500 rpm / 16,800 xg	13,500 rpm / 16,800 xg
Capacity:	24 x 1.5/2.0ml 2 x PCR Strips (16 x 0.2ml) 8 x 5ml 8 x 2 ml cryo tube	24 x 1.5/2.0ml 4 x PCR Strips (32 x 0.2ml)
Timer:	30 sec. to 99 min. / cont	30 sec. to 99 hr. 59 min. / cont
Momentary function:	Yes	Yes
Temperature:	Ambient	-20° to +40°C
Dimensions (W x D x H):	9 x 12 x 7.75 in. / 23 x 30.5 x 19.7 cm	11 x 21.6 x 11.4 in. / 28 x 55 x 29 cm
Weight:	14 lbs / 6.4 kg	73 lbs / 33 kg
Electrical:	115V, 60Hz or 230V, 50Hz	
Power Draw	250W	320W

**Ordering Information:**

C2417*	MC-24 Touch Microcentrifuge with COMBI-Rotor and snap on lid
C2417-R*	MC-24R Refrigerated Microcentrifuge with COMBI-rotor and snap on lid
C2417-R-NR*	MC-24R Refrigerated Microcentrifuge, without rotor

**Optional Accessories**

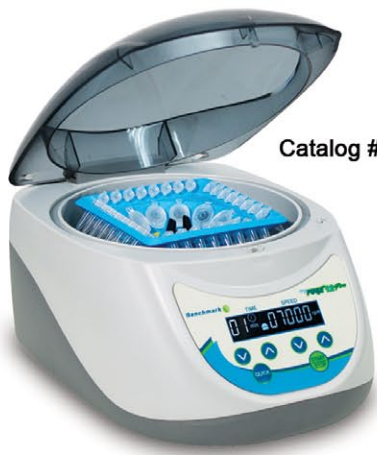
C2417 only	
C2417-R5	8 x 5ml rotor (13,500 rpm / 16,800 xg)
C2417-R5-ADP2	2ml cryovial adapters for 5 ml rotor, 8/pk
C2417-R only	
C2417-RCMB	COMBI-rotor 24 x 1.5/2.0ml and 2 x PCR strips (13,500 rpm / 16,800 xg)
C2417-2420H	24 x 1.5/2.0ml hermetically sealed rotor (13,500 rpm / 16,058 xg)
C2417-3202	4 x PCR strip rotor (13,500 rpm / 13,602 xg)

\*115V with US plug. To order in 230V, add (-E) to the item number



ALSO AVAILABLE FROM **Benchmark** 

## myFUGE™ 12 Plus



Catalog # C2212

- + COMBI-Rotor™ for tubes and strips
- + Digital control up to 7,000 rpm / 2,739 xg!
- + Twice the capacity of traditional mini centrifuges
- + Near silent operation
- + Timer up to 99 mins.



Digital display and control



Unique COMBI-Rotor

## myFUGE™ 5D



Catalog # C2205

- + Includes rotor for centrifuge tubes up to 5ml
- + Digital control up to 5,500 rpm / 1,690 xg
- + Conserves valuable bench space
- + Includes adapters for blood tubes (12 x 75 mm)



Accepts 5ml snap/screw cap tubes and 5ml blood tubes (12 x 75mm)



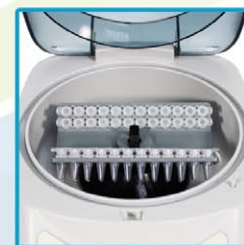
Includes rotor and accessories for all common blood and centrifuge tubes up to 5ml

## STRIPSPiN™ 12D



Catalog # C2248

- + Unique rotor accepts 12-position PCR strips
- + Digital control up to 5,500 rpm
- + "Mini" sized, less than 8 inches wide
- + Timer up to 99 mins.



Holds up to 4 x 12 position PCR strips or 48 x 0.2ml tubes

**Benchmark Scientific Inc.**  
PO Box 709 Edison, NJ 08818  
Phone: 908-769-5555 Fax: 732-313-7007  
Web: [www.BenchmarkScientific.com](http://www.BenchmarkScientific.com)  
Email: [Info@BenchmarkScientific.com](mailto:Info@BenchmarkScientific.com)