

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)



Compatible tubes

- 1.5/2.0 ml
- 0.2 ml / PCR strips
- Spin columns
- 2.0 ml cryovial (C2417 only)
- 5 ml (C2417 only)

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.

Touch Control		Modern touch interface for ease of use (even when wearing gloves)
Quiet Operation		Both the ambient and refrigerated MC-24 Series centrifuges offer whisper quiet operation at full speed
High Speed		Powerful motor drive provides speeds up to 13,500 rpm (16,800xg)
Powerful Refrigeration		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 + 2 x PCR Strips (w/ COMBI-Rotor) 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

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