

MC-12™ High Speed Microcentrifuge

16,100  
RCF



CE



- + Less than 9 inches wide
- + Large LCD with rcf conversion
- + Whisper quiet operation
- + Decelerates in just 10 seconds
- + 12 tube capacity (1.5/2.0ml)



High speed range



Large LCD controls

Benchmark's MC-12 is the first and only compact microcentrifuge capable of achieving centrifugal speeds up to the critical threshold of 16,000 xg, often held as the standard for many molecular biology/DNA protocols. A brushless, maintenance free drive system makes it powerful, yet compact enough to allow each work station to be fully equipped with a personal centrifuge.

The MC-12 defines a new class of microcentrifuge: compact, quick, powerful and affordable. All aspects of microcentrifuge performance were taken into consideration and no compromises were made. In addition to its unsurpassed speed, the MC-12 also delivers shortened acceleration/deceleration times, whisper quiet operation and a computer-designed airflow pattern to minimize sample temperature increases during longer runs at high speeds.

All operating parameters are set using a single, conveniently located control knob. The large, bright LCD provides a clear indication of time and rpm or g-force. A separate momentary spin button permits instant spin downs, without setting or disturbing any preset parameters. The aircraft grade aluminum rotor accepts 1.5 to 2.0ml tubes directly, as well as 0.5 and 0.2ml tubes with optional adapters. For applications requiring sub-ambient temperatures, the MC-12 is cold room safe.

Technical Data:

Speed Range:	500 to 15,500 rpm (up to 16,100xg)
Capacity:	12 x 1.5/2.0ml
Deceleration:	10 seconds
Acceleration:	12 seconds
Speed Increment:	100 rpm or 100 rcf
Timer:	20 sec. to 99 min. / cont.
Momentary:	Yes
Dimensions: (W x D x H)	8.7 x 10.6 x 5.9 in. 22 x 27 x 15cm
Weight:	10.5 lbs / 4.8 kg
Electrical:	115 or 230V, 50-60 Hz, 100W
Warranty:	2 years

Ordering Information:

Item No.	Description:
C1612*	MC-12 High Speed Microcentrifuge with 12 position rotor
C1008-A5-6	Optional adapter pack, 0.5ml 6/pk.
C1008-A2-6	Optional adapter pack, 0.2ml 6/pk.

\*115V with US plug. For 230V (EU plug), please add (-E).

MC-24 Touch™ High Speed Microcentrifuge

16,800  
RCF



CE



- + Full color touch screen
- + mySpin™ 1 button program recall
- + COMBI-Rotor™ accepts tubes and strips
- + Compact design, 9 x 12 x 7.75 in.
- + Unique air-flow system, keeps samples cool



Touch Control



Quiet Operation



High Speed



Unique COMBI-Rotor™  
Accepts tubes and strips  
(includes lid)



Full-color Touch Screen

Benchmark's MC-24 Touch is the first microcentrifuge in its class with the convenience of touch pad control. In addition, this model comes complete with a unique COMBI-Rotor™ that accepts both standard microtubes and PCR strips, making this the ideal microcentrifuge for any microbiology laboratory.

The large, color touch screen shows actual speed (in rpm or rcf) along with set and remaining time. Up to 9 speed/time profiles can be stored in memory and the home screen displays a "mySpin" icon for instant recall of a designated favorite profile.

Supplied with Benchmark's unique COMBI-Rotor™, the MC-24 Touch will accept 24x1.5/2.0ml tubes and 2 strips of 0.2ml tubes (16x0.2ml) without requiring separate adapters. Samples are kept cool, even during extended runs at the maximum speed setting by a proprietary air flow system that moves air evenly and quietly throughout the chamber.

The MC-24 Touch is cold room safe and carries a 2 year warranty.

Technical Data:

Speed Range:	200 to 13,500 rpm (up to 16,800xg)
Capacity:	24 x 1.5/2.0ml 2 x PCR Strips (16 x 0.2ml)
Speed Increment:	100 rpm or 100 rcf
Timer:	20 sec. to 99 min. / cont.
Momentary:	Yes
Dimensions: (W x D x H)	9 x 12 x 7.75 in. 23 x 30.5 x 19.7cm
Weight:	14 lbs / 6.4 kg
Electrical:	115 or 230V, 50-60 Hz, 250W
Warranty:	2 years

Ordering Information:

Item No.	Description:
C2417*	MC-24 Touch Microcentrifuge with 24 place COMBI-Rotor
C1008-A5-6	Optional adapters for 0.5ml tubes in standard rotor, 6/pk
C2417-R5	Optional rotor, 8 x 5ml (13,500rpm)
C2417-R5-ADP2	Optional adapters for 2ml cryovials in 8 x 5ml rotor, 8/pk

\*115V with US plug. For 230V (EU plug), please add (-E).