

MC-12™ High Speed Microcentrifuge

16,100
RCF

Biozym
SCIENCE IS OUR BUSINESS



- + Less than 22 cm wide
- + Large LCD with rcf conversion
- + Whisper quiet operation
- + Decelerates in just **10 seconds**
- + 12 tube capacity (1.5/2.0 ml)

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.



High speed range



Large LCD controls

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 2.0 ml tubes directly, as well as 0.5 and 0.2 ml tubes with optional adapters. For applications requiring sub-ambient temperatures, the MC-12 is cold room safe.

Technical Data:

Speed Range:	200 to 15,500 rpm (up to 16,100xg)
Capacity:	12 x 1.5/2.0 ml
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)	22 x 27 x 15 cm
Weight:	4.8 kg
Electrical:	230V, 50-60 Hz, 100W
Warranty:	2 years

Ordering Information:

Item No.	Description:
55C1612-E	MC-12 High Speed Microcentrifuge with 12 position rotor
55C1008-A5-6	Optional adapter pack, 0.5 ml 6/pk.
55C1008-A2-6	Optional adapter pack, 0.2 ml 6/pk.