

# MC-12™ High Speed Microcentrifuge

16,100  
RCF



- + 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)

CE



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

## 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).