



PRODUCT BROCHURE · BENCHMARK SCIENTIFIC

Z207M V1 9.22

7 models inside · Mixing & Agitation · Vortex Mixers



QUICK VIEW — SERIES AT A GLANCE

7 models in this document from Benchmark Scientific. Full specifications inside.

MODELS IN THIS DOCUMENT

BV1000-E · BV101-B-E · BV1000-H150 · BV1000 ·
BV1000-COMBO · BV101-P...

SHIP WEIGHT

3–11 lb

VOLTAGE

115 V or 230 V, 50–60 Hz (discrete variants)

SOURCING

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Compact Microcentrifuge

 Z207-M



HERMLE
Benchmark 

Z207-M



Features

- Microprocessor with large LCD display
- Electrical lid lock
- Pre-selection of the rotor type
- Quick access to samples
- Active imbalance identification and cut-off
- Air Cooling System
- Quick Acceleration and Deceleration
- Noise level < 60 dBA at max. speed
- Easy rotor exchange
- Manufactured in accordance to International Safety Regulations, i.e. IEC 61010
- Quick acceleration and deceleration within 13 seconds

The Z207-M's compact design houses a powerful, maintenance free, induction motor that can reach up to 17,317 xg. Accompanied by Hermle's easy to use control panel, the unique EZ-Scroll™ touch pad, gives you ease of control and a modern feel. An advanced microprocessor control allow for setting/displaying of the rotational speed in either rpm or rcf in increments of 10. In addition to retrieving saved programs, the easy to use front panel can be used to adjust accel/decel rates, run time, and change the end of run alarm tone. There is also a momentary spin function that will run while the button is pressed. Additionally the Z207-M features a sleep mode to save energy by shutting off after a certain time if not being used while on, which can be toggled on or off easily.

All common microtubes 0.2ml, 0.5ml, 1.5ml, 2.0ml can be utilized in the standard 24-place rotor, as well as in a hermetically sealed, 24 place rotor for labs requiring an aerosol tight enclosure when working with hazardous chemical, or biological, samples. An optional 24 place spin column rotor is also available.

With our Z207-M microcentrifuge, even the smallest laboratories can have high output with a small footprint.

Technical Data

max. Speed:	13,500 rpm
max. RCF:	17,317 xg
max. Volume:	24 x 1.5/2.0 ml
Speed range:	200 - 13,500 rpm
Running time:	59 min 50 s / 10 s increments 99 h 59 min / 1 min increments
Dimensions:	11 in x 9.5 in x 13.7 in (W x H x D) 28 cm x 24 cm x 35 cm (W x H x D)
Weight:	27.5 lbs / 12.5 kg
Power input:	170 W
Order Number:	Z207-M, 120 V/50 - 60 Hz Z207-M-E, 230 V/50 - 60 Hz



Distinct Control Panel

- Control panel with Touch-Operation
- Simple one-handed operation
- Easy to program with gloves on
- Splash-proof foil keyboard
- Permanent indication of pre-set and actual values
- Selection of speed in both rpm and g-force, in increments of 10
- 10 acceleration and deceleration rates, possibility of unbraked deceleration
- Pre-selection of the running time, from 10 s to 99 h 59 min or continuous
- Storage of up to 99 runs, including rotor
- Quick-key for short runs

The Perfect Fit



Easy Handling:

- Ergonomic Touch Operation Function enables a smooth and swift operation.
- No need to remove gloves, during operation.
- Strictly a HERMLE application, you can store up to 99 different programs.
- For fast centrifugation, there is a quick spin function. The centrifuge spins, as long as you press the button.
- Time saving locking system is quick and easy.
- An optional alarm will sound when your run is finished.

Safety:

- The Z207-M features an automatic imbalance shut off system.
- The centrifuge will not start until the lid is locked.
- Error code system to quickly detect issues.

Efficient and Versatile:

- The small, compact design is perfect for tight spaces.
- For safety of your samples: Even after a long centrifugation run, the temperature of your samples remains under 40°C.
- Even with the high speed output of 13,500 rpm; the working environment is vibration-free, with minimal noise output, due to its' high stability.
- Sleep Mode Function: if the centrifuge lid is open and the unit is not in use for more than five minutes, the unit automatically goes into sleep mode (This function can be de-activated).
- Hermetically sealable rotor option.

Accessories

Rotor/Buckets

Order No.:
Z207-24SC



Angle Rotor 24 x 2.0 ml (Spin Column Kits)
Angle: 45°

Adapter

Acceleration in s: 13/109
Deceleration in s: 13/121
max. speed: 13,500 rpm
RCF: 17,317 xg
max. radius: 8.5 cm

Order No.:	Tube rack	Ø (mm)	Length (min./max.)
C1008-A5-6	1 x 0.5 ml	8	45
C1008-A2-6	1 x 0.4/0.2 ml PCR	6	45

Order No.:
Z207-2420H



Angle Rotor 24 x 1.5/2.0 ml
Angle: 45° hermetically sealable

Acceleration in s: 15/110
Deceleration in s: 14/118
max. speed: 13,500 rpm
RCF: 17,317 xg
max. radius: 8.5 cm
max. Ø: 11 mm

Order No.:	Tube rack	Ø (mm)	Length (min./max.)
without	1 x 2.0 ml	11	40
without	1 x 1.5 ml	11	40
C1008-A5-6	1 x 0.5 ml	8	45
C1008-A2-6	1 x 0.4/0.2 ml PCR	6	45

Order No.:
Z207-3202



Angle Rotor 4 x 8-PCR Strips
Angle: 45°

Acceleration in s: 15/110
Deceleration in s: 14/118
max. speed 13,500 rpm
RCF: 14,669 xg
max. radius: 7.2 cm
max. Ø: 11 mm

More from **HERMLE**



Z216-MK Refrigerated Microcentrifuge
max. Speed: 15,000 rpm
max. Volume: 44 x 2.0 ml



Z326-K Refrigerated Centrifuge
max. Speed: 18,000 rpm
max. Volume: 4 x 145 ml

■ For more Information, please visit our website!

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