

HERMLE Benchmark

Z216 Series

Z216-M
Z216-MK

Microcentrifuges

- Unique 44 place micro rotor
- High speed, up to 21,379 x g
- Available with refrigeration
- Multiple rotor options for microtubes, PCR strips and 5ml tubes



Z216-M Microcentrifuge



Z216-MK Refrigerated Microcentrifuge

Z216 Series Summary

Speed up to 15,000 rpm
G-Force up to 21,379 x g

Angle Rotor Capacity
44 x 1.5/2.0 ml
4 x PCR Strips
64 x 0.5 ml
12 x 5 ml

Z216 Features

Microprocessor Control
Over-speed protection
Program Storage (99)
Pre-Cool function (Z216-K only)
Momentary spin button
Imbalance detection
Adjustable Accel/Decel
Audible end of run alarm

Maintenance free induction drive
Motor driven safety lid-lock
Quiet operation, less than 60 DB
Splash proof display
Powerful Refrigeration (Z216-K only)
(Room temp to 4°C in less than 10 min.)

Z216 Specifications

Speed Range: 200 to 15,000 rpm
Max. RCF: 21,379 x g
Max Capacity: 44 x 1.5/2.0 ml
Timer: up to 99 hr, 59 min.
Dimensions: 11 x 15.3 x 11.4 in.
(W x D x H) 28 x 39 x 29 cm.
Z216-MK 11 x 21.6 x 11.4 in.
28 x 55 x 29 cm.
Weight: 37.4 lbs (17 kg)
Z216-MK 77 lbs (35 kg)
Electrical: 120 or 230V, 50/60Hz
Power Draw: 280W (Z216-MK: 560W)

Temp Range: -20° - 40° C
(Z216-MK only)

Compact, quiet, and powerful are just a few of the features found on the Z216 series microcentrifuges. Add to this, the versatility of eight available rotor options, and the result is the ideal microcentrifuge for the modern molecular biology laboratory.

All common microtubes (0.2ml, 0.5ml, 1.5ml, 2.0ml) can be accepted as well as PCR strips, hematocrit tubes, and even 5.0ml centrifuge tubes. Advanced microprocessor controls allow for setting/displaying of the rotational speed in either rpm or rcf. In addition to retrieving saved programs, the easy to use front panel can adjust accel/decel rates, and change the end of run alarm tone.

Despite a remarkably small footprint, the Z216 series offers a uniquely designed 44 x 1.5ml dual row rotor, nearly doubling the capacity when compared to traditional microcentrifuges.

In the Z216-MK model a powerful, compressor driven cooling system maintains temperatures as low as -20°C and is designed to reach 4°C (from room temperature) in less than 10 minutes.

Z216-M* Z216-M Centrifuge (without rotor), 120V
Z216-MK* Z216-MK Refrigerated Centrifuge (without rotor), 120V

*115V with US Plug. For 230V (EU Plug), please order -E.



Item: Z216-2420

24 x 1.5/2.0ml Angle Rotor (45°)

Max Speed: 15,000 rpm / 21,379 x g

Accel: 21 sec. / Decel: 18 sec.



Item: Z216-4420

44 x 1.5/2.0ml Angle Rotor (32°/55°)

Max Speed: 13,500 rpm / 17,317 x g*

Accel: 18 sec. / Decel: 17 sec

*17,113 (inner row)



Item: Z216-2420H

24 x 1.5/2.0ml Angle Rotor (45°)
Hermetically Sealed Lid

Max Speed: 15,000 rpm / 21,379 x g

Accel: 21 sec. / Decel: 21 sec.



Item: Z216-3020H

30 x 1.5/2.0ml Angle Rotor (45°)
Hermetically Sealed Lid

Max Speed: 13,500 rpm / 19,151 x g

Accel: 29 sec. / Decel: 27 sec.



Item: Z216-6405

64 x 0.5ml Angle Rotor (40°/55°)
Max Speed: 13,500 rpm / 16,298 x g*

Accel: 16 sec. / Decel: 17 sec.

*14,261 (inner row)



Item: Z216-3202

4 x 8 PCR Strips / 48 x 0.2ml (45°)
Hermetically Sealed

Max Speed: 15,000 rpm / 15,343 x g

Accel: 17 sec. / Decel: 20 sec.



Item: Z216-1205

12 x 5ml (45°)
Hermetically Sealed

Max Speed: 14,500 rpm / 19,978 x g

Accel: 24 sec. / Decel: 17 sec.



Item: Z216-24HEM

24 x Capillaries (90°)
Z216-M ONLY

Max Speed: 12,000 rpm / 14,970 x g

Accel: 15 sec. / Decel: 15 sec.