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REFRIGERATED MICRO CENTRIFUGE



- High performance, reach speeds up to 21,380 xg
- Compact design with a powerful refrigeration system
- Advanced digital control with rpm/rcf conversion
- Versatile, 6 rotor options for up to 44 x 1.5/2.0ml



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Z216 MK

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Features:

Pre-cool the rotor and rotor chamber with the new "Quick-COOL" function

Powerful motor drive, run samples as high as 21,380 xg

Unmatched Capacity, 44 x 1.5/2.0ml

Microprocessor control with large LCD display

Six available rotor options, including unique combination rotor

Imbalance identification system with automatic shut-off

Quiet operation, less than 57 dBA at 16,000 xg (<60 dBA at max.)

Powerful refrigeration, temperature control from -20 to 40°C

Motor driven lid locking system

Accelerates to max speed in under 18 sec. (deceleration: 16 sec.)

Compact, 10.9 x 11.6 x 21.3 in. 77 lb. / 35 kg.

Distinct Control Panel:

Pre-selection of rotor code for proper g-force conversion

Control over all settings with one ergonomic adjustment knob

Set and view speed in both rpm or rcf (increments of 10)

Permanent indication of preset and actual values

10 acceleration and deceleration levels

Pre-selection of running time from 10 sec to 99 h 59 min or cont.

Program storage of up to 99 runs

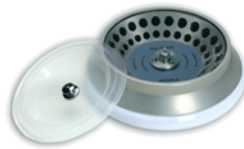
The Z216 MK sets a new standard in the refrigerated microcentrifuge category. In spite of its remarkably small footprint, the Z216 MK has a powerful brushless motor and cooling capacity to spare. A newly designed LCD control panel provides intuitive control over all operating parameters, including the new "Quick-COOL" feature, for rapidly cooling down the rotor chamber. (Cools to 4°C in less than 12 minutes.*) The brushless induction motor powers samples to speeds above 21,000 xg and six available rotor options permit running a variety of tubes from 0.2 to 2.0ml. Capacity is unmatched with a unique 44 position rotor.

**Specification based on an ambient temperature of 23°C*

Rotors:



Item No:	C0216-24	C0216-24H	C0216-30H
Capacity:	24 x 1.5/2.0 ml	24 x 1.5/2.0 ml	30 x 1.5/2.0 ml
Max. Rpm:	15,000 rpm	15,000 rpm	13,500 rpm
Max. Rcf:	21,380 xg	21,380 xg	19,150 xg
Radius:	8.5 cm	8.5 cm	9.4 cm
Angle:	45°	45°	45°
Accel/Decel:	18 / 16 sec.	18 / 16 sec.	24 / 22 sec.



Item No:	C0216-44	C0216-48	C0216-64
Capacity:	44 x 1.5/2.0 ml	24 x 1.5/24 x 0.5ml	64 x 0.5ml
Max. Rpm:	13,500 rpm	13,500 rpm	13,500 rpm
Max. Rcf:	17,720 xg	17,720 xg	16,700 xg
Radius:	8.7 cm	8.7 cm	8.2 cm
Angle:	40°	40°	40°
Accel/Decel:	15 / 15 sec.	15 / 15 sec.	17 / 17 sec.

Specifications:

Maximum Speed	15,000 rpm
Maximum RCF	21,380 xg
Temperature Range	-20°C to 40°C
Timer	10 sec. to 99 h 59 min.
Dimensions	10.9 x 11.6 x 21.3
Weight	77 lbs.

Ordering Information:

C0216-MK	Z216 MK Refrigerated Microcentrifuge, 120V
C0216-MK-230V	Z216 MK Refrigerated Microcentrifuge, 230V
C0216-24	Rotor, 24 x 1.5/2.0ml
C0216-24H	Rotor, 24 x 1.5/2.0ml (Aerosol Tight)
C0216-30H	Rotor, 30 x 1.5/2.0ml (Aerosol Tight)
C0216-44	Rotor, 44 x 1.5/2.0ml
C0216-48	Rotor, 24 x 1.5ml / 24 x 0.5ml
C0216-64	Rotor, 64 x 0.5ml