

## MICROCENTRIFUGES

44 x 1.5/2.0 ml

Z216-M

Z216-MK

The Z216-M and Z216-MK set new standards in this device class. Up to 44 x 1.5 ml or 2.0 ml reaction tubes can be inserted per run. Their compact design and quiet running characteristics ensure they can be optimally adapted to the respective work environment. The powerful cooling system of the Z216-MK keeps the samples below 4°C – even during continuous operation at 20,000 xg.



Information about the control panel can be found on page 8.

## TECHNICAL SPECIFICATIONS

MAX. SPEED	15,000 rpm
MAX. RCF	21,631 xg
MAX. VOLUME	44 x 1.5/2.0 ml
SPEED RANGE	200 – 15,000 rpm
TEMPERATURE RANGE Z 216 MK	-20°C to 40°C
RUNNING TIME	59 min 50 s / 10 s increments or 99 h 59 min / 1 min increments
DIMENSIONS (W X H X D)	Z 216 M: 11 in x 11.5 in x 15 in / 28 cm x 29 cm x 39 cm Z 216 MK: 11 in x 11.5 in x 21.6 in / 28 cm x 29 cm x 55 cm
WEIGHT	Z 216 M: 37.5 lbs / 17 kg Z 216 MK: 77 lbs / 35 kg

## ORDER NUMBERS

Z 216 M: Z216-M, 120 V / 50 – 60 Hz / 280 W  
Z216-M-E, 230 V / 50 – 60 Hz / 280 W  
Z 216 MK: Z216-MK, 120 V / 50 – 60 Hz / 560 W  
Z216-MK-E, 230 V / 50 – 60 Hz / 560 W

## SPECIFICATIONS

- Maintenance-free induction drive
- Microprocessor control with LCD display
- Motorised lid lock
- Active imbalance detection and shutdown
- CFC-free refrigeration
- Lowest sample temperature: 4°C at 20,000 xg
- Standstill cooling
- Small footprint
- Rotor lid with snap closure ensures quick access to samples
- Noise level < 60 dBA at 21,379 xg
- Manufactured in accordance with international safety guidelines, e.g. IEC 61010
- Timer function: the centrifuge starts at the pre-set time

## ROTORS

MAX. VOLUME	MAX. SPEED	RCF VALUE	ORDER NUMBER	ANGLE
44 x 1.5/2.0 ml	15,000 rpm	21,127 / 21,379 xg	Z216-4420	32° / 55°
30 x 1.5/2.0 ml	13,500 rpm	19,151 xg	Z216-3020H	45°
12 x 5 ml	14,500 rpm	19,978 xg	Z216-1205	45°
24 x 1.5/2.0 ml*	15,000 rpm	21,379 xg	Z216-2420H	45°
24 x 1.5/2.0 ml	15,000 rpm	21,379 xg	Z216-2420	45°
64 x 0.5 ml	13,500 rpm	14,261 / 16,298 xg	Z216-6405	40°
4 x 8-PCR strips	15,000 rpm	15,343 xg	Z216-3202	45°
24 Capillaries	12,000 rpm	14,970 xg	Z216-24HEM	90°
24 x 1.5/2.0 ml + 4 x 8-PCR	15,000 rpm	21,631 xg	Z216-2420S	45°
24 x 2.0 ml Spin Column Kits	15,000 rpm	21,379 xg	Z216-24SC	45°

\* hermetically sealed

## EXAMPLE ROTORS

Main rotor



Max. volume: 24 x 1.5/2.0 ml  
Order number: Z216-2420



Max. volume: 12 x 5 ml  
Order number: Z216-1205



Max. volume: 44 x 1.5/2.0 ml  
Order number: Z216-4420



Max. volume: 24 x 1.5/2.0 ml  
Order number: Z216-2420H  
Hermetically sealed



Max. volume: 4 x 8-PCR strips  
Order number: Z216-3202



Max. volume: 24 Hematocrit capillaries  
Order number: Z216-24HEM only Z216-M

### Combi-Rotor



Max. volume: 24 x 1.5/2.0 ml, 4 x 8-PCR  
Order number: Z216-2420S



Max. volume: 24 x 2.0 ml Spin Column Kits  
Order number: Z216-24SC