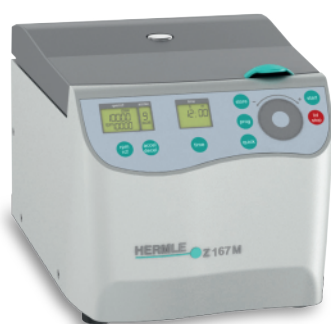


MICROCENTRIFUGES

18 x 1.5/2.0 ml

Z167-M

The Z167-M microcentrifuge is ideally suited for routine centrifugation of reaction tubes. Equipped with a powerful drive, it accelerates the 18 x 1.5 / 2.0 ml rotor to around 16,000 xg in a very short time! The innovative control panel with touch function and integrated LED light enables a quick and easy workflow. The LED changes colour depending on the current operating state of the centrifuge, making it easy to see at a glance whether the centrifuge is running, stationary or in sleep mode.



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

TECHNICAL SPECIFICATIONS

MAX. SPEED	14,000 rpm
MAX. RCF	15,994 xg
MAX. VOLUME	18 x 1.5/2.0 ml
SPEED RANGE	200 – 14,000 rpm
RUNNING TIME	59 min 50 s / 10 s increments or 99 h 59 min / 1 min increments
DIMENSIONS (W X H X D)	11 in x 9.5 in x 14 in / 28 cm x 24 cm x 35 cm
WEIGHT	26.5 lbs / 12 kg
POWER CONSUMPTION	130 W

ORDER NUMBERS

Z167-M, 120 V/50 – 60 Hz, incl. 18 x 1.5/2.0 ml Rotor

Z167-M-E, 230 V/50 – 60 Hz, incl. 18 x 1.5/2.0 ml Rotor

SPECIFICATIONS

- Microprocessor control with LCD display
- Electromagnetic lid lock
- Quick access to the samples
- Active imbalance detection and shutdown
- Air cooling
- Short acceleration and deceleration times within 14 respectively 16 seconds
- Noise level < 57 dBA at max. speed
- Easy removal of the rotor – without tools
- Manufactured in accordance with international safety guidelines, e.g. IEC 61010
- Colour-based visual display of the operating state
- Sleep mode

ENCLOSED ROTOR

Order number: Z167-1820



Anglerotor 18 x 1.5/2.0 ml

Angle: 45°

MAX. SPEED: 14,000 rpm

Max. RCF: 15,994 xg

Max. Radius: 7.3 cm

Max. Ø: 11 mm

MICROCENTRIFUGES

24 x 1.5/2.0 ml

Z207-M

Thanks to its compact design, the Z207-M microcentrifuge can also be used in even the smallest laboratories. You can choose from a 24-place microlitre rotor, either with a snap-on lid or a hermetically sealed lid, as well as a special rotor for spin column kits. The innovative control panel with touch function is a particular highlight.



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

TECHNICAL SPECIFICATIONS

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 or 99 h 59 min / 1 min increments
DIMENSIONS (W X H X D)	11 in x 9.5 in x 14 in / 28 cm x 24 cm x 35 cm
WEIGHT	27.5 lbs / 12.5 kg
POWER CONSUMPTION	170 W

ORDER NUMBERS

Z207-M, 120 V / 50 – 60 Hz

Z207-M-E, 230 V / 50 – 60 Hz

SPECIFICATIONS

- Microprocessor control with LCD display
- Electromagnetic lid lock
- Pre-adjustment of the rotor type
- Quick access to the samples
- Active imbalance detection and shutdown
- Air cooling
- Short acceleration and deceleration times
- Noise level < 60 dBA at max. speed
- Easy rotor change
- Manufactured in accordance with international safety guidelines, e.g. IEC 61010
- Fast start and stop within 13 seconds
- Colour-based visual display of the operating state
- Sleep mode

ROTORS

MAX. VOLUME	MAX. SPEED	RCF VALUE	ORDER NUMBERS	ANGLE
24 x 1.5/2.0 ml*	13,500 rpm	17,317 xg	Z207-2420H	45°
24 x 2.0 ml Spin Column Kits	13,500 rpm	15,484 xg	Z207-24SC	45°

* hermetically sealed

EXAMPLE ROTORS



Max. volume: 24 x 1.5/2.0 ml
 Order number: Z207-2420H
 Hermetically sealed



Max. volume: 24 x 2.0ml Spin Column
 Kits Order number: Z207-24SC

The respective max. capacities of the rotors are shown in the tables. Naturally, adapters are available for smaller volumes. Detailed information can be found in our individual brochures on our homepage: www.HermleUSA.com/download
 If you cannot find the required adapter, we will gladly make a custom adapter for you.



Our trained staff ensure our products meet the highest quality standards.

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