

MICROLITRE CENTRIFUGES
44 x 1.5/2.0ml

Z 216 M | Z 216 MK

The Z 216 M and Z 216 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 Z 216 MK keeps the samples below 4°C – even during continuous operation at 20,000 xg.



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 99h 59 min / 1 min increments
DIMENSIONS (W X H X D)	Z 216 M: 28 cm x 29 cm x 39 cm Z 216 MK: 28 cm x 29 cm x 55 cm
WEIGHT	Z 216 M: 17 kg Z 216 MK: 35 kg

ORDER NUMBERS

Z 216 M:	325.00 V01 – Z 216 M, 230 V/50 – 60 Hz/280 W
	325.00 V02 – Z 216 M, 120 V/50 – 60 Hz/280 W
Z 216 MK:	305.00 V05 – Z 216 MK, 230 V/50 – 60 Hz/560 W
	305.00 V06 – Z 216 MK, 120 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	221.68 V01	32°/55°
30 x 1.5/2.0 ml	13,500 rpm	19,151 xg	221.17 V06	45°
12 x 5 ml	14,500 rpm	19,978 xg	221.35 V03	45°
24 x 1.5/2.0 ml*	15,000 rpm	21,379 xg	220.87 V13	45°
24 x 1.5/2.0 ml	15,000 rpm	21,379 xg	220.87 V14	45°
64 x 0.5 ml	13,500 rpm	14,261/16,298 xg	220.92 V07	40°
4 x 8-PCR strips	15,000 rpm	15,343 xg	221.38 V03	45°
24 Capillaries	12,000 rpm	14,970 xg	220.58 V13	90°
24 x 1.5/2.0 ml + 4 x 8-PCR	15,000 rpm	21,631 xg	221.81 V01	45°
24 x 2.0 ml Spin Column Kits	15,000 rpm	21,379 xg	221.75 V01	45°

* hermetically sealed

EXAMPLE ROTORS

Main rotor



Max. volume: 24 x 1.5/2.0 ml

Order number: 220.87 V14



Max. volume: 12 x 5 ml

Order number: 221.35 V03



Max. volume: 44 x 1.5/2.0 ml

Order number: 221.68 V01



Max. volume: 24 x 1.5/2.0 ml

Order number: 220.87 V13

Hermetically sealed



Max. volume: 4 x 8-PCR strips

Order number: 221.38 V03



Max. volume: 24 Hematocrit capillaries

Order number: 220.58 V13 **only Z 216 M**

Combi-Rotor



Max. volume: 24 x 1.5/2.0 ml, 4 x 8-PCR

Order number: 221.81 V01



Max. volume: 24 x 2.0 ml Spin Column Kits

Order number: 221.75 V01