

# Microlitre Centrifuges

| Z 207 M

| Z 207 MK



**HERMLE**  
LABORTECHNIK

24x1.5/2.0 ml

# Z 207 M

# Z 207 MK



Z 207 M



Z 207 MK,  
refrigerated

## Specifications

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Electromagnetic lid lock
- Active imbalance-identification and cut off (rotor specific)
- CFC-free refrigeration system, in Z 207 MK
- Audible signal at the end of each run
- Max. noise level Z 207 M/K: 60 dBA / 56 dBA
- Manufactured according to international safety regulations, i. e. IEC 61010
- Rotor exchange is easy to handle
- Optimized airflow system keeps the samples cool (Z 207 M)
- Stainless steel chamber (Z 207 MK)

Due to the compact design, the Microlitre Centrifuges Z 207 M and Z 207 MK are applicable even in the smallest laboratory setting. For example there is a hermetically sealable 24-place rotor available. The powerful refrigeration system of the Z 207 MK keeps your samples guaranteed below 4°C even at maximum speed. Of particular note is the innovative control panel, with „Touch“-function!

## Technical Data

max. speed:	13,500 rpm / 14,500 rpm
max. RCF:	17,317 xg / 17,157 xg
max. volume:	24 x 1.5/2.0 ml
Speed range:	200 - 13,500 rpm / 14,500 rpm
Temperature range	
Z 207 MK:	-20°C to 40°C
Running time:	59 min 50 s / 10 s increments 99 h 59 min / 1 min increments

Dimensions:	
Z 207 M:	28 cm x 23 cm x 35 cm (W x H x D)
Z 207 MK:	28 cm x 29 cm x 55 cm (W x H x D)

Weight:	
Z 207 M / Z 207 MK:	14 kg / 33 kg

Power input:	
Z 207 M / Z 207 MK:	170 W / 320 W

Order numbers:	
Z 207 M:	328.00 V01 - Z 207 M, 230V / 50 - 60 Hz 328.00 V02 - Z 207 M, 120 V / 50 - 60 Hz
Z 207 MK:	333.00 V01 - Z 207 MK, 230 V / 50 - 60 Hz 333.00 V02 - Z 207 MK, 120 V / 50 - 60 Hz



Z 207 MK

## Distinct Control Panel

- Control panel with Touch-Operation
- Easy to program with gloves on
- Splash-proof foil keyboard
- Permanent indication of pre-set and actual values
- Selection of speed in both rpm and g-force, in increments of 10
- 10 acceleration and deceleration rates, possibility of unbraked deceleration
- Preselection of the temperature from -20°C to 40°C with 1°C increments, in Z 207 MK
- Indication of the sample temperature
- Pre-cooling program option
- Standstill cooling
- Pre-selection of running time from 10 s to 99h 59 min or continuous
- Storage of up to 99 runs incl. rotor type
- Quick-key for short runs
- Color visual representation of the operating state such as run completed, standby or centrifugation

## ■ The Perfect Fit



### Easy Handling:

- The ergonomic control panel is very user-friendly and enables a smooth and swift operation process
- There is no need to remove surgical gloves, during operation
- Strictly a HERMLE application, you can store up to 99 different programs
- For fast centrifugation, there is a quick button option. The Centrifuge spins, as long as you press the button.
- Due to a fast and easy centrifuge lid lock system, time is saved.
- For re-assurance that your samples are finished, an acoustic signal will sound, when the centrifugation is complete (this function can be de-activated!).

### Safety:

- The models Z 207 M and Z 207 MK have an automatic imbalance shut off system.
- There is over speed protection incorporated for each rotor.
- You can only start the model when the centrifuge lid is closed.
- In case of operation malfunction, an error code will appear on the display. This helps to indicate the reason for the malfunction and to eliminate it.
- Its´ stable and firm design ensures excellent mechanical protection.
- In case of overheating, the centrifuge switches off automatically. This serves to protect electronic components and thus promotes the longevity of the device.

### Efficient and Versatile:

- The models Z 207 M and Z 207 MK can accommodate all common micro tubes.
- The small and compact design is perfect for tight places, even the Z 207 MK with its powerful refrigeration system.
- Profit from our “pre-cooling” function, cool down the rotor rapidly to your desired temperature. For this, the centrifuge automatically determines the necessary speed for each individual rotor (only Z 207 MK).
- Standby Mode Function: if the centrifuge lid is open and the unit is not in use for more than five minutes, the unit automatically goes into standby mode (this function can be de-activated!).
- The rotor 221.59 V02 is hermetically sealable.



# Accessories Z 207 M and Z 207 MK

Rotor	Adapter																				
<p><b>Order No.:</b> 220.95 V08 Only 207 MK</p>  <p>Angle Rotor 18 x 1.5/2.0 ml Angle: 45°</p>	<table border="1"> <thead> <tr> <th>Order No.:</th> <th>Adapter</th> <th>Ø [mm]</th> <th>Length [min./max.]:</th> </tr> </thead> <tbody> <tr> <td>without</td> <td>1 x 2.0 ml</td> <td>11</td> <td>40</td> </tr> <tr> <td>without</td> <td>1 x 1.5 ml</td> <td>11</td> <td>40</td> </tr> <tr> <td>704.005</td> <td>1 x 0.5 ml</td> <td>8</td> <td>45</td> </tr> <tr> <td>704.004</td> <td>1 x 0.4/0.2 ml PCR</td> <td>6</td> <td>45</td> </tr> </tbody> </table> <p>Acceleration in s: 18/121 Deceleration in s: 17/151 max. speed: 14,500 rpm RZF: 17,157 xg max. radius: 7.3 cm max. Ø: 11 mm Temp. at max. speed: 0 °C</p>	Order No.:	Adapter	Ø [mm]	Length [min./max.]:	without	1 x 2.0 ml	11	40	without	1 x 1.5 ml	11	40	704.005	1 x 0.5 ml	8	45	704.004	1 x 0.4/0.2 ml PCR	6	45
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<p><b>Order No.:</b> 221.59 V02</p>  <p>Angle Rotor 24 x 1.5/2.0 ml Angle: 45°   hermetically sealable</p>	<table border="1"> <thead> <tr> <th>Order No.:</th> <th>Adapter</th> <th>Ø [mm]</th> <th>Length [min./max.]:</th> </tr> </thead> <tbody> <tr> <td>without</td> <td>1 x 2.0 ml</td> <td>11</td> <td>40</td> </tr> <tr> <td>without</td> <td>1 x 1.5 ml</td> <td>11</td> <td>40</td> </tr> <tr> <td>704.005</td> <td>1 x 0.5 ml</td> <td>8</td> <td>45</td> </tr> <tr> <td>704.004</td> <td>1 x 0.4/0.2 ml PCR</td> <td>6</td> <td>45</td> </tr> </tbody> </table> <p>Acceleration in s: 15/110 Deceleration in s: 14/118 Acceleration in s: 26/212 Deceleration in s: 24/227 max. speed: 13,500 rpm max. speed: 13,000 rpm RZF: 17,317 xg RZF: 16,058 xg max. radius: 8.5 cm max. Ø: 11 mm Temp. at max. speed: 0 °C</p>	Order No.:	Adapter	Ø [mm]	Length [min./max.]:	without	1 x 2.0 ml	11	40	without	1 x 1.5 ml	11	40	704.005	1 x 0.5 ml	8	45	704.004	1 x 0.4/0.2 ml PCR	6	45
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<p><b>Order No.:</b> 221.89 V01</p>  <p>Angle Rotor 4 x 8-PCR Stripes Angle: 45°</p>	<p>Acceleration in s: 15/110 Deceleration in s: 14/118 Acceleration in s: 26/212 Deceleration in s: 24/227 max. speed 13,500 rpm max. speed: 13,000 rpm RZF: 14,669 xg RZF: 13,602 xg max. radius: 7.2 cm max. Ø: 11 mm Temp. at max. speed: 0 °C</p>																				
<p><b>Order No.:</b> 221.75 V04 Only 207 M</p>  <p>Angle Rotor 24 x 2.0 ml Spin Column Kits Angle: 45°</p>	<p>Acceleration in s: 19/136 Deceleration in s: 18/171 max. speed: 13,500 rpm RZF: 17,317 xg max. radius: 8.5 cm max. Ø: 11 mm</p>																				

## More from HERMLE

Color visual representation of the operating state



centrifugation



run completed



standby

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