

Microlitre Centrifuge

■ Z 207 M



HERMLE
LABORTECHNIK

24 x 1.5/2.0 ml

Z 207 M



Features

- Microprocessor with large LCD display
- Electrical lid lock
- Pre-selection of the rotor type
- Quick access to samples
- Active imbalance identification and cut-off
- Air Cooling System
- Quick Acceleration and Deceleration
- Noise level < 60 dBA at max. speed
- Easy rotor exchange
- Manufactured in accordance to International Safety Regulations, i.e. IEC 61010
- Quick acceleration and deceleration

Due to the compact design, the Microlitre Centrifuge Z 207 M, is applicable, even in the smallest laboratory setting. There are two rotors available, the 24-place microlitre rotor, with snap-on lid or hermetical sealed lid, and the rotor for Spin Column Kits. Of particular note is the innovative control panel, with „Touch“-function!

Technical Data

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
99 h 59 min / 1 min increments

Dimensions: 28 cm x 24 cm x 35 cm (W x H x D)

Weight: 12.5 kg

Power input: 170 W

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



Distinct Control Panel

- Control panel with Touch-Operation
- Simple one-handed 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
- Pre-selection of the running time, from 10 s to 99 h 59 min or continuous
- Storage of up to 99 runs, including rotor
- Quick-key for short runs

The Perfect Fit



Easy Handling:

- The Ergonomic Touch Operation Function 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 bottom 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 Z 207 M has an automatic imbalance shut off system.
- You can only start the unit, 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.

Efficient and Versatile:

- The small, compact design is perfect for tight spaces.
- For safety of your samples: Even after a long centrifugation run, the temperature of your samples remains under 40°C.
- Even with the high speed output of 13,500 rpm; the working environment is vibration-free, with minimal noise output, due to its' high stability.
- Sleep 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 sleep mode (This function can be de-activated!).
- The rotor 221.59 V02 is hermetically sealable.

Accessories

Rotor/Buckets

Order No.:
221.59 V01



Angle Rotor 24 x 1.5/2.0 ml
Angle: 45°

Order No.:
221.59 V02



Angle Rotor 24 x 1.5/2.0 ml
Angle: 45° hermetically sealable

Order No.:
221.75 V04



Angle Rotor 24 x 2.0 ml (Spin Column Kits)
Angle: 45°

Adapter

Acceleration in s: 15/110
Deceleration in s: 14/118
max. speed: 13,500 rpm
RCF: 17,317 xg
max. radius: 8.5 cm
max. ϕ : 11 mm

Order No.:	Tube rack	ϕ (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

Acceleration in s: 15/110
Deceleration in s: 14/118
max. speed: 13,500 rpm
RCF: 17,317 xg
max. radius: 8.5 cm
max. ϕ : 11 mm

Order No.:	Tube rack	ϕ (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

Acceleration in s: 19/136
Deceleration in s: 18/171
max. speed: 13,500 rpm
RCF: 17,317 xg
max. radius: 8.5 cm
max. ϕ : 11 mm

More from Hermle - a wide range of options



Refrigerated Microlitre Centrifuge Z 216 MK

max. Speed: 15,000 rpm
max. Volume: 44 x 2.0 ml



Refrigerated Centrifuge Z 326 K

max. Speed: 18,000 rpm
max. Volume: 4 x 100 ml

■ For more Information, please visit our website!

HERMLE Labortechnik GmbH
Siemensstr. 25 | 78564 Wehingen, DE
E-Mail: vertrieb@hermleLT.de
Visit us at: www.hermle-labortechnik.de
Telephone: + 49 74 26 / 96 22 - 0

HERMLE
LABORTECHNIK

Telefax: + 49 74 26 / 96 22 - 49

