

Compact Centrifuge

| Z208-A



HERMLE
Benchmark 

Z208-A



Control Panel



Features

- Microprocessor with large LCD display
- Electromagnetic lid lock
- Pre-selection of the rotor type
- Active imbalance identification and cut-off
- Easy rotor exchange
- Large variety of rotors and accessories
- Manufactured in accordance to International Safety Regulations, i.e. IEC 61010
- Improved ventilation system keeps samples cool

The Z208-A centrifuge is an ideal choice for research laboratories, offering versatile rotor options that can accommodate 6 x 50 ml, 12 x 15 ml conical tubes, all common blood tubes, and 18 x 1.5/2.0ml microtubes. A range of adapters ensure flexible compatibility and secure placement of multiple rotor formats. Additionally, the Z208-A features a unique 4-place swing-out rotor capable of handling all standard blood tubes as well as urine tubes, delivering exceptional flexibility and adaptability for a wide variety of laboratory applications.

Technical Data

max.Speed:	6,000 rpm
max RCF:	4,427 xg
max. Volume:	6 x 50 ml
Speed range:	200 – 6,000 rpm
Running time:	59 min 50 s / 10 s increments 99 h 59 min / 1 min increments

Dimensions:	8.26 x 10.63 x 16.92 in (W x H x D) 32 x 27 x 43 cm (W x H x D)
-------------	--

Weight:	31.3 lbs / 14.2 kg
---------	--------------------

Order Number:	Z208-A* 100V - 230 V / 50 - 60 Hz / 70 W
---------------	---

* with EU plug Z208-A-E

Operating status



Centrifugation



Run Completed



Standby

Distinct Control Panel

- Control Panel with Touch Operation
- Simply one-handed operation
- Easy to program with gloves on
- Splash-proof foil keyboard
- Permanent indication of preset and actual values
- Selection of speed in both rpm and rcf, with 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
- Storage of up to 99 runs
- Quick key for short runs

The Perfect Fit



Easy Handling:

- The ergonomic Touch Operation Panel enables a smooth and swift operation process.
- Operation can be performed without the need to remove protective gloves.
- Storage up to 99 different programs
- Convenient quick-start button for short centrifugation runs
- For reassurance that your samples are finished, an acoustic signal will sound when centrifugation is complete (this function can be deactivated).

Safety:

- The Z208-A features an automatic imbalance shut-off system that ensures safe operation by immediately stopping the centrifuge in case of any imbalance, protecting both the equipment and samples.
- Safe interlock system that allows operation only when the lid is securely closed, ensuring user safety and preventing accidental starts.
- In the event of an operational malfunction, the Z208-A displays an error code on the screen, clearly indicating the cause of the issue to facilitate quick diagnosis and resolution.
- The robust chassis provides a stable foundation, ensuring operator safety

Efficient and Versatile:

- Despite its high capacity, this model features a remarkably compact design, making it space-efficient without compromising performance.
- Safety for your samples: Even after extended centrifugation runs, the temperature of your samples stay below 40°C, ensuring sample integrity and preventing heat-related damage.
- The control panel features an integrated LED that uses multiple colors to clearly indicate the current operating status of the centrifuge.

Accessories Z208-A

Rotor

Order No.:
Z206-0650



Angle rotor 6 x 50 ml
Angle: 40°

Adapter

Acceleration in s: 41/452
Deceleration in s: 47/211
max. speed: 6,000 rpm
RCF-value: 4,427 xg
max. radius: 11.0 cm
max. Ø: 29 mm

Order No.:	Adapter	Ø [mm]	Length [min/max.]:
without	1 x 50 ml conical	29	116
without	1 x 50 ml	29	100/120
Z206-50-A15	1 x 15 ml conical	17	120
Z206-50-A57	1 x 7 ml	13	95/115
Z206-50-A5C*	1 x 5 ml	13	65/90

* with Z206-50-A57

Order No.:
Z206-1215



Angle rotor 12 x 15 ml
Angle: 32°

Acceleration in s: 41/301
Deceleration in s: 44/199
max. speed: 6,000 rpm
RCF-value: 4,427 xg
max. radius: 11.0 cm
max. Ø: 17 mm

Order No.:	Adapter	Ø [mm]	Length [min/max.]:
without	1 x 15 ml conical	17	120
without	1 x 15 ml glass	17	105/120
C3100-ADP	1 x 4-7 ml Vacut.®	13	100
C3100-ADP	1 x 1.8-5 ml Vacut.®	13	75
Z326-15-A20	1 x 1.5/2.0 ml	11	40
Z326-15-A10R	1 x 9-10 ml Sarstedt®	17	92/107
Z326-15-A10R	1 x 10 ml Vacutainer®	16	100

Order No.:
Z206-1820



Angle rotor 18 x 1.5 / 2.0 ml
Angle: 45°

Acceleration in s: 12/104
Deceleration in s: 12/27
max. speed: 6,000 rpm
RCF-value: 2,938 xg
max. radius: 7.3 cm
max. Ø: 11 mm

Order No.:	Adapter	Ø [mm]	Length [min/max.]:
without	1 x 2.0 ml	11	40
without	1 x 1.5 ml	11	40
C1008-A5-6	1 x 0.5 ml	8	45
C1008-A2-6	1 x 0.4/0.2 ml PCR	6	45

Order No.:
Z206-0605



Swing out rotor 6 x 5 ml
Angle: 0-90°

Acceleration in s: 8/43
Deceleration in s: 8/22
max. speed: 4,000 rpm
RCF-value: 1,896 xg
max. radius: 10.6 cm
max. Ø: 13 mm

Order No.:	Adapter	Ø [mm]	Length [min/max.]:
without	1 x 5 ml glass	13	80
without	1 x 5 ml	12	75
without	1 x 1.8-5 ml Vacutainer®	13	75
without	1 x 1.1-1.4 ml Sarstedt®	8	66

Order No.:
Z206-0410



Swing out rotor 4 x 10 ml
Angle: 0-90

Acceleration in s: 12/57
Deceleration in s: 12/18
max. speed: 4,200 rpm
RCF-value: 2,406 xg
max. radius: 12.2 cm
max. Ø: 16 mm

Order No.:	Adapter	Ø [mm]	Length [min/max.]:
without	1 x 10 ml Urine Monovette®	15	102
without	1 x 6-10 ml Vacutainer®	16	100
without	1 x 1.8-7 ml Vacutainer®	13	75/100

For more information, please visit our website!

www.HermleUSA.com

PH: 908-769-5555

EM: info@benchmarkscientific.com

