

# Compact Centrifuge

| Z206-A



**HERMLE**  
**Benchmark** 

6 x 50 ml

# Z206-A



The Z206-A Compact Centrifuge is suitable for a variety of applications inside both the clinical and research setting. Three angle rotor options are available permitting use with all common tube sizes from 0.2ml to 50ml. A unique 6 x 5ml swing out rotor is also available for clinical applications requiring horizontal separation within 5ml blood collection tubes.

The advanced microprocessor controls feature an ergonomic turn knob that controls all settings (time, speed, accel/decel levels, etc.). The speed can be adjusted from 200 rpm up to a maximum speed of 6,000 rpm (corresponding to 4,427 x g) in the popular 50ml and 15ml rotors. The centrifuge lid features an automatic lid-lock that prevents it from being opened while the rotor is still in motion.

In addition, a unique imbalance detection system is designed to automatically power down the motor in the event of improper loading of the rotor or any tube breakage.

Compact, quiet, and versatile are just a few of the features found on the Z206-A centrifuge. Add to this, the proven safety features, and the result is the ideal centrifuge for a variety of clinical and molecular biology 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:	11 in x 14.5 in x 10.2 in (W x H x D) 28 cm x 37 cm x 26 cm (W x H x D)
Weight:	29 lbs / 15 kg
Order Number:	Z206-A 120 V 50 - 60 Hz / 100 W Z206-A-E 230 V 50-60 Hz / 100 W

## Specifications

- Microprocessor with large LCD display
- Electromagnetic lid lock
- Active imbalance-identification and -cut off (rotor specific)
- Rotor exchange is easy to handle
- A variety of rotors and accessories
- Manufactured according to international safety regulations, i.e. IEC 61010.
- Ventilation system keeps samples cool

## Distinct Control Panel

- Simple one handed operation
- Easy to program with gloves on
- Splash proof digital display
- Permanent indication of Preset and Actual Values
- Selection of speed in both rpm and g-force, with increments of 10
- 10 acceleration and 10 deceleration rates
- Possibility of unbraked deceleration
- Pre-selection of running time from 10 s to 99 h 59 min or continuous
- Timer: the centrifuge starts at the preselected time



# Accessories Z206-A

## Rotor/Bucket

Order No.:  
Z206-0650



Angle rotor 6 x 50 ml  
Angle: 40°

## Adapter

Acceleration in s: 33/95  
Deceleration in s: 51/257  
max. speed: 6,000 rpm  
RCF-value: 4,427 xg  
max. radius: 11.0 cm  
max. Ø: 29 mm

Order No.:	Tube rack	Ø [mm]	Length (min./max.):
without adapter	1 x 50 ml conical	29	116
without adapter	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-A57C*	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.: 33/95  
Deceleration in s: 51/257  
max. speed: 6,000 rpm  
RCF-value: 4,427 xg  
max. radius: 11.0 cm  
max. Ø: 17 mm

Order No.:	Tube rack	Ø [mm]	Length (min./max.):
without adapter	1 x 15 ml conical	17	120
without adapter	1 x 15 ml glass	17	105/120
C3100-ADP	1 x 7 ml	13	95/115
C3100-ADP	1 x 5 ml	13	65/90

Order No.:  
Z206-1820



Angle Rotor 18 x 1,5/2,0 ml  
Angle: 45°

Acceleration in s: 11/60  
Deceleration in s: 10/30  
max. speed: 6,000 rpm  
RCF-value: 2,938 xg  
max. radius: 13.3 cm  
max. Ø: 16 mm

Order No.:	Tube Rack	Ø [mm]	Length (min./max.):
C1008-A5-6	1 x 0.5 ml	8.0 mm	45 mm
C1008-A2-6	1 x 0.4/0.2 ml PCR	6.0 mm	45 mm

Order No.:  
Z206-0605



Swing out rotor 6 x 5ml blood tube  
Angle: 0-90°

Acceleration in s: 8/35  
Deceleration in s: 7/25  
max. speed: 4,000 rpm  
RCF-value: 1,896 xg  
max. radius: 10.4 cm

www.HermleUSA.com  
PH: 908-769-5555  
EM: info@benchmarkscientific.com

