

# Compact Combination Rotor Centrifuge

■ Z207-A-CMB



**HERMLE**  
**Benchmark** 

4x15 / 50 ml

# Z207-A-CMB



The Z207-A-CMB includes a convenient combination rotor that holds 4 x 15 ml and 4 x 50 ml tubes in the same rotor. With the combination rotor there's no longer a need switch rotors, or use adapters to centrifuge 15 ml and 50 ml tubes for tissue culture. You can even process them simultaneously! Along with the unique combination rotor, the Z207-A-CMB features the unique EZ-Scroll™ touch pad which gives you ease of control and a modern feel. An advanced microprocessor control allow for setting/displaying of the rotational speed in either rpm or rcf in increments of 10. In addition to retrieving saved programs, the easy to use front panel can be used to adjust accel/decel rates, run time, and change the end of run alarm tone. There is also a momentary spin function that will run while the button is pressed. Additionally the Z207-A-CMB features a sleep mode to save energy by shutting off after a certain time if not being used while on, which can be toggled on or off easily.

## Technical Data

max. Speed: 6,800 rpm  
 max. RCF: 4,394 xg  
 max. Volume: 4 x 15 ml and 4 x 50 ml  
 Speed range: 200 - 6,800 rpm  
 Running time: 59 min 50 s / 10 s increments  
 99 h 59 min / 1 min increments

Dimensions: 11 in x 9.5 in x 13.7 in (W x H x D)  
 28 cm x 24 cm x 35 cm (W x H x D)

Weight: 17.6 lbs / 8 kg

Power input: 50 W

Order Number: Z207-A-CMB, 120 V/50 - 60 Hz  
 Z207-A-CMB-E, 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

## 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 within 13 seconds

## Included Rotor



Angle Rotor 4 x 15/50 ml  
 Angle: 30°

|                 |           |
|-----------------|-----------|
| Acceleration(s) | 54/679    |
| Deceleration(s) | 49/680    |
| Max. Speed      | 6,800 rpm |
| Max. RCF        | 4,445 xg  |
| Max. Radius     | 8.5 cm    |
| Max. Ø          | 17 mm     |

## Adapter Options

| Order No.: | Tube rack | Ø (mm) | Length (min./max.) |
|------------|-----------|--------|--------------------|
| Z326-15-A7 | 1 x 7 ml  | 13     | 95/115             |
| Z326-15-A5 | 1 x 5 ml  | 13     | 65/90              |

