

# HERMLE

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## LABORTECHNIK



Laboratory Centrifuge Z 200 A

# Universal Compact Centrifuge Z 200 A

## Z 200 A Compact Centrifuge for Physicians and Clinical Laboratories

The Z 200 A accepts up to 12 x 15 ml conical and round bottom tubes. For tubes with smaller dimensions we offer several adapters. For larger volumes we offer an angle rotor for 6 x 50 ml conical and round bottom tubes.

### Technical data:

Volume: max. 12 x 15 ml / 6 x 50 ml

### Speed:

max. speed/RCF: 6000 rpm / 4185 xg  
min. speed/RCF: 250 rpm / 7 xg  
speed range: 250 - 6000 rpm  
speed setting: knob controlled 250 rpm increments  
speed display: preset and actual speed - digital

### Running time:

max. time: 30 min. / continuous run  
min. time: 0.5 min.  
preselection: 0.5 - 30 min. / "cont."  
time setting: knob controlled 0.5 min. increments  
time display: remaining time - digital

### Brake:

fixed brake force with soft stop

### Features:

- Microprocessor-controlled
- DC-motor, covered
- ABS-plastic housing resistant against shock and chemicals

### Safety:

- lid lock system
- automatic imbalance indication with safety shut off
- manufactured according to IEC 1010, UVV VBG 7z

### Dimensions (cm / inches):

width: 28 / 11.0  
height: 26 / 10.2  
depth: 37 / 14.6  
weight: 15 kg / 33.0 lbs

### Power consumption:

180 W

### Order numbers:

282.00 V01 Z 200 A, 230 V / 50-60 Hz  
282.00 P01 Z 200 A, 230 V / 50-60 Hz, incl. rotor 220.96 V01  
282.00 V02 Z 200 A, 120 V / 50-60 Hz  
282.00 P02 Z 200 A, 120 V / 50-60 Hz, incl. rotor 220.96 V01

## Rotors

Angle rotor 12 x 15 ml  
Angle: 28°  
Order No.: 220.96 V01  
Max. Ø: 17,5 mm  
Max. length: 133 mm



Max. speed in rpm: 6000  
Acceleration in sec.: 48  
Deceleration in sec.: 84  
Max. radius in cm: 10,4  
Max. RCF (g-value): 4185

Order No.: 601.005 Replacement bucket for 15 ml conical and round bottom

### Adapter

Order No.: 701.010 Adapter for 15 ml  
Order No.: 701.011 Adapter for 7 ml  
Order No.: 701.012 Adapter for 5 ml

Angle rotor 6 x 50 ml  
Angle: 28°  
Order No.: 220.97 V01  
Max. Ø: 30 mm  
Max. length: 115 mm



Max. speed in rpm: 6000  
Acceleration in sec.: 48  
Deceleration in sec.: 84  
Max. radius in cm: 9,5  
Max. RCF (g-value): 3823

Order No.: 603.000 Replacement bucket for 50 ml conical and round bottom  
Order No.: 603.001 Bucket for 15 ml conical and round bottom

The adapters of rotor 220.96 V01 can also be used in the inserts no. 603.001!!

Angle rotor for 12 x 1,5 ml / 2,0 ml  
Order No.: 220.56 V90



Max. speed in rpm: 6000  
Acceleration in sec.: 28  
Deceleration in sec.: 21  
Max. radius in cm: 6,1  
Max. RCF (g-value): 2455

### Adapter

Order No.: 704.004 Set of adapters (12 pcs.) For 0,2 + 0,4 ml PCR tubes Ø 6 mm  
Order No.: 704.005 Set of adapters (12 pcs.) For 0,5 ml tubes Ø 8 mm

Swing out rotor for 6 x 5 ml  
Order No.: 220.68 V04



Max. speed in rpm: 3500  
Acceleration in sec.: 23  
Deceleration in sec.: 15  
Max. radius in cm: 10,4  
Max. RCF (g-value): 1420

Order No.: 602.000 Replacement bucket for 5 ml round bottom

Hematocritrotor  
Order No.: 220.58 V07



Max. speed in rpm: 6000  
Acceleration in sec.: 15  
Deceleration in sec.: 17  
Max. radius in cm: 9,4  
Max. RCF (g-value): 3783

Order No.: 620.001 Graph for determining the hematocrit value outside the rotor  
Order No.: 620.000 Reading device for determining the hematocrit value inside the centrifuge

Order No.: 45.5046 Microhematocrit-capillaries, heparinized  
Order No.: 45.5047 Microhematocrit-capillaries, non heparinized  
Order No.: 41.5100 Hematocrit sealing wax (1plate)

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