

Z287-A Microcentrifuge PLUS

- Multipurpose, 11 available rotor options
- Up to 14,000 rpm and 16,058 xg
- Swing out rotor options for tubes and plates
- Indicator Light, easily view cycle status
- Unique EZ-Scroll™ touch pad



Compact, only 14in. wide



HERMLE
Benchmark

Z287-A Summary

Speed up to 14,000 rpm
G-Force up to 16,058 x g
Swing Out Capacity:
4 x 50 ml
4 x 15 ml
8 x 10 ml
2 x microplates

Angle Rotor Capacity
6 x 50 ml
12 x 15 ml
24 x 1.5/2.0 ml

Z287-A Features

Microprocessor Control
Over-speed protection
Automatic rotor identification
Program Storage (99)
Momentary spin button
Imbalance detection
Adjustable Accel/Decel
Audible end of run alarm

Touch operation
Status indicator light
Maintenance free induction drive
Electrical safety lid-lock
Quiet operation, less than 60 DB
Splash proof display

Z287-A Specifications

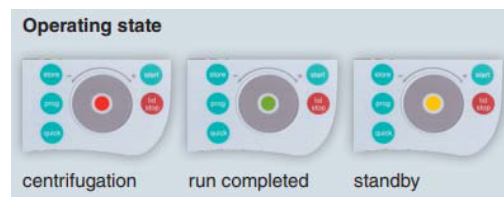
Speed Range: 200 to 14,000 rpm
Max. RCF: 16,058 x g
Max Capacity: 6 x 50ml
Timer: up to 99 hr, 59 min.
Dimensions: 14 x 17 x 10 in.
(W x D x H) 35 x 43 x 26 cm.
Weight: 39 lbs (18 kg)
Electrical: 120 or 230V, 50/60Hz
Power Draw: 170W



The Z287-A exceeds the limitations set forth by traditional microcentrifuges which are restricted solely to fixed angle rotors for microtubes. Instead, this compact, next generation model features an expansive line of swing out and fixed angle rotors options that accept microplates and test-tubes up to 50ml. We've designed this centrifuge to be our most compact and economical. A true workhorse for any lab requiring a centrifuge that can accommodate many fields of research.

Along with a broad range of available rotor options, the Z287-A introduces a convenient status indicator. Users can easily view the current state of the centrifuge from across the room. The LED illuminates to signify if the rotor is spinning, the run is completed or the centrifuge is idle in standby mode.

LED Status Indicator



Advanced microprocessor controls allow for instant rotor identification, which automatically converts the rotational speed to the relevant g-force (rcf), preventing the user from setting a speed above the capabilities of the installed rotor. In addition to retrieving saved programs, the EZ-Scroll touch wheel front panel can adjust accel/decel rates, and change the end of run alarm tone. Additionally this feature prevents debris buildup, leakage, and can be operated with gloves on. The Z287-A is a truly powerful and versatile centrifuge perfect for any research laboratory.

Ordering Information:

Z287-A*

Z287-A Centrifuge (without rotor), 120V
*115V with US Plug. For 230V (EU Plug), please order -E.

Swing Out Rotors:



Item: Z287-0450H

4 x 50 ml swing out rotor (90°)

Max Speed: 5,000 rpm / 3,633 x g

Accel: 26 sec. / Decel: 33 sec.

Inserts/Adapters

Z326-50-B15: 15ml (conical) 6/pk

Z326-15-A5: 5ml 2/pk

Z326-15-A7: 7ml 2/pk



Item: Z287-02MP

2 x Microplate swing out rotor (90°)

Max Speed: 3,800 rpm / 1,453 x g

Accel: 27 sec. / Decel: 29 sec.

Inserts/Adapters

Z326-MPCA: 3 x chamber slide carrier and 30/60mm petri dish carrier 2/pk



Item: Z287-0810H

8 x 10 ml Angle Rotor (90°)

Max Speed: 5,000 rpm / 3,717 x g

Accel: 25 sec. / Decel: 32 sec.

Inserts/Adapters

Z287-0810-A7: 7ml holders, 2/pk



Item: Z287-0430H

4 x 30 ml swing out rotor (90°)

Max Speed: 5,000 rpm / 3,437 x g

Accel: 26 sec. / Decel: 31 sec.

Fixed Angle Rotors:



Item: Z287-0650

12 x 15ml Angle Rotor (40°)

Max Speed: 6,000 rpm / 4,427 x g

Accel: 34 sec. / Decel: 38 sec.

Inserts/Adapters

Z206-50-A15: 15ml (conical) 6/pk

Z206-50-A57: 7ml 6/pk

Z206-50-A5C: 5ml cushion for Z206-50-A57



Item: Z287-1215

12 x 15ml Angle Rotor (32°)

Max Speed: 6,000 rpm / 4,427 x g

Accel: 34 sec. / Decel: 38 sec.

Inserts/Adapters

Z326-15-A5: 5ml 2/pk

Z326-15A7: 7ml 2/pk



Item: Z287-0815

12 x 15ml Angle Rotor (33°)

Max Speed: 8,000 rpm / 6,153 x g

Accel: 22 sec. / Decel: 23 sec.

Inserts/Adapters

Z326-15-A5: 5ml 2/pk

Z326-15A7: 7ml 2/pk



Item: Z287-2420
24 x 1.5/2.0ml Angle Rotor (45°)
Max Speed: 12,000 rpm / 13,683 x g
Accel: 24 sec. / Decel: 20 sec.

Inserts/Adapters
C1008-A5-6: 0.5ml, 6/pk
C1008-A2-6: 0.2ml, 6/pk



Item: Z287-1820
18 x 1.5/2.0ml Angle Rotor (45°)
Max Speed: 14,000 rpm / 15,994 x g
Accel: 19 sec. / Decel: 21 sec.

Inserts/Adapters
C1008-A5-6: 0.5ml, 6/pk
C1008-A2-6: 0.2ml, 6/pk



Item: Z287-24SC
24 x 2.0ml Spin Column Kits Angle Rotor (45°)
Max Speed: 12,000 rpm / 13,683 x g
Accel: 23 sec. / Decel: 27 sec.



Item: Z287-24HEM
24 x Capillary Rotor (90°)
Max Speed: 13,000 rpm / 16,058 x g
Accel: 30 sec. / Decel: 33 sec.

Also Available from Benchmark:

Z446 Series

High Capacity Centrifuges

Swing Out Rotor Accepts up to:

- 56 x 15ml conical tubes
- 28 x 50ml conical tubes
- 20 x microplates

