

HERMLE Z 287 A

Compact, only 14in. wide



### 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**

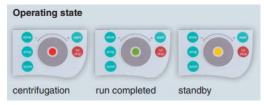
Speed Range:	200 to 14,000 rpm
Max. RCF:	16,058 x g
Max Capacity:	6 x 50ml
Timer:	up to 99 hr, 59 min.
Dimensions:	14 x 17 x 10 in.
(W x D x H)	35 x 43 x 26 cm.
Weight:	39 lbs (18 kg)
Electrical:	120 or 230V, 50/60Hz
Power Draw:	170W



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\*

### Swing Out Rotors:



## Fixed Angle Rotors:



### 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: Z287-0430H

 4 x 30 ml swing out rotor (90°)

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

 Accel: 26 sec. / Decel: 31 sec.



 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



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### 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



