

HERMLE™  
Z446 Series High Capacity Universal Centrifuges

24,325  
RCF

HERMLE  
Benchmark

- High capacity, 4 x 750ml accepts 28 x 50ml or 68 x 15ml
- Advanced programming with auto rotor recognition
- Available with refrigeration
- Ideal for tissue culture laboratories



CE



Z446-750  
Swing out rotor with round buckets



Z446-750-MP  
Microplate carriers for swing out rotor



Z446-MP-BUK  
Sealable microplate bucket for swing out rotor

Inserts: (for round buckets)	Tube/Bottle	qty/insert	qty./rotor
Z446-750-A500	500ml conical	1	4
Z446-750-A250	250ml bottle	1	4
Z446-750-A250F	250ml bottle	1	4
Z446-750-A225	225ml conical	1	4
Z446-750-A50	50ml conical	7	28
Z446-750-A15	15ml conical	17	68
Z446-750-A10	10ml	18	72
Z446-750-A57	5/7ml	21	84

The Z446 Universal Centrifuge Series offers the highest capacity of any benchtop Hermle-Benchmark model. With aircraft grade, premium alloy construction, the 4 x 750ml swing out rotor can withstand centrifugal forces upwards of 4,000 xg with full loads of up to 28 x 50ml or 68 x 15ml tubes.

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 easy to use front panel can adjust accel/decel rates, and change the end of run alarm tone.

Rotor exchange is simple and requires less than one minute. An included rotor wrench can be used to loosen and install all rotors. As soon as the rotor is placed on the motor shaft, the identification process activates and the installed rotor code is displayed on the backlit LCD display.

Technical Data:

Speed Range:	200 to 16,000 rpm (up to 24,325xg)
Capacity:	4 x 750ml 28 x 50ml 68 x 15ml
Speed Increment:	10 rpm or 10 rcf
Timer:	10 sec. to 99h 99 min. / cont.
Temp. Range	-20°C to 40°C (Z446-K)
Momentary:	Yes
Dimensions: (W x D x H)	21.3 x 26.4 x 15.4 in. 28.7 x 26.4 x 15.4 in. (Z446-K)
Weight:	174 lbs / 79 kg 244 lbs / 111 kg (Z446-K)
Electrical:	115 or 230V, 50-60 Hz, 640W (Z446-K: 1630W)
Warranty:	5 years

Ordering Information:

Item No.	Description:
Z446*	Z446 Large Capacity Universal Centrifuge
Z446-K*	Z446-K Refrigerated Large Capacity Universal centrifuge
Z446-750	4 x 750ml swing out rotor with round buckets
Z446-750-MP	Microplate carriers for Z446-750-AC rotor, 2/pk
Z446-MP-BUK	Rectangular microplate buckets for Z446-750-AC rotor, 2/pk
Z446-04500	Rotor, 4 x 500ml bottle
Z366-06250	Rotor, 6 x 250ml bottle
Z326-0685	Rotor, 6 x 85ml
Z326-1050	Rotor, 10 x 50ml conical
Z326-2010	Rotor, 20 x 10ml
More rotors available	Visit <a href="http://www.hermleusa.com">www.hermleusa.com</a> for a complete listing

\*115V with US plug. For 230V (EU plug), please add (-E).

also available from Hermle...

**Z206-A**  
Compact Centrifuge

Max. Speed: 6,000 rpm  
Max. g-Force: 4,427 xg  
Max. Capacity: Swing out  
6 x 5ml  
4 x 7ml

Fixed angle  
6 x 50ml  
12 x 15ml  
18 x 1.5/2.0ml

**Z326-K**  
Refrigerated Universal Centrifuge

Max. Speed: 18,000 rpm  
Max. g-Force: 23,542 xg  
Max. Capacity: Swing out  
4 x 145ml  
8 x 50ml  
12 x 15ml  
6 x microplates

Fixed angle  
10 x 50ml  
30 x 15ml  
44 x 1.5/2.0ml

Temp Range: -20° to 40°C

**Z496-K**  
Floor Standing High Capacity Centrifuge

Max. Speed: 10,500 rpm  
Max. g-Force: 16,022 xg  
Max. Capacity: Swing out  
4 x 1000ml  
40 x 50ml  
96 x 15ml  
24 x microplates

Fixed angle  
4 x 500ml  
6 x 250ml  
10 x 50ml

Temp Range: -20° to 40°C

**Z287-A**  
Microcentrifuge PLUS

Max. Speed: 14,000 rpm  
Max. g-Force: 16,058 xg  
Max. Capacity: Swing out  
4 x 50ml  
8 x 10ml  
2 x microplates

Fixed angle  
6 x 50ml  
12 x 15ml  
24 x 1.5/2.0ml

Temp Range: -20° to 40°C

Compact, only 14in. wide

For a complete listing of all centrifuges and accessories please visit [www.hermleusa.com](http://www.hermleusa.com)

Z446-04500 4 x 500ml 8,000 rpm/ 10,374 xg	Z326-1050 10 x 50ml 10,500 rpm/ 16,022 xg	Z326-02MP 2 x 3 microplate 4,500 rpm/ 2,716 xg	Z326-1220-36 12 x 1.5/2.0ml 30,000 rpm/ 65,395 xg
Z366-06250 6 x 250ml 8,000 rpm/ 10,016 xg	Z326-3015 30 x 15ml 4,500 rpm/ 2,830 xg	Z326-100H 4 x 100ml Swing out rotor with buckets 4,500 rpm/ 2,716 xg	Z496-750-BLD 750ml Blood bag bucket 4,600 rpm/ 5,274 xg

Unique Accessories \*For Z446-750-MP only

**PCR Stacking Adapter**  
Stacks PCR plates for unmatched capacity! \*  
Z446-MP-STK



**Universal Chamber Slide and Dish Carrier**  
Fits ANY microplate carrier!  
Z326-MPCA



**BucketBuddy™ Magnetic Bucket/Tube Caddy**  
Your centrifuge's new best friend! (select models only)  
Z326-BKR

