

HERMLE™ Z446 Series High Capacity Universal Centrifuges

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-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 www.hermleusa.com for a complete listing

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