

# HERMLE *Benchmark*

## Z496-K *Series* Z496-K Z496-K-UC

Ultra High Capacity Centrifuges



- **Ultra High Capacity** (4 x 1000ml, 40 x 50ml, 96 x 15ml)
- Accepts 500ml or 750ml blood bags
- Two models,
  - Floor-standing with storage drawer
  - Under-bench (27.5" height for use under the bench)



Z496-K Underbench model

### Z496-K Series Summary

Speed up to 10,500 rpm  
G-Force up to 16,022 x g  
Swing Out Capacity:  
4 x 1000ml  
4 x 500/750ml blood bags  
40 x 50ml  
96 x 15ml  
24 x microplates

Angle Rotor Capacity  
10 x 50ml  
6 x 250ml  
4 x 500ml

### Z496-K Features

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

Available underbench model  
Maintenance free induction drive  
Motor driven safety lid-lock  
Quiet operation, less than 65 DB  
Splash proof display  
Powerful refrigeration  
Storage drawer (Floor standing only)

### Z496-K Specifications

Speed Range: 200 to 10,500 rpm  
Max. RCF: 16,022 xg  
Max Capacity: 4 x 1000 ml  
Timer: up to 99 hr, 59 min.  
Dimensions: Underbench  
24 x 27 x 27.5 in.  
(W x D x H) 62 x 69 x 70 cm.  
Floor Standing  
24 x 27 x 38.6 in.  
62 x 69 x 98 cm.  
Weight: 346 lbs (157 kg)  
Floor Standing 419 lbs (190 kg)  
Electrical: 230V, 50/60Hz  
Power Draw: 2300 W  
Temp Range: -20° to 40° C



The Z496-K centrifuges offer the highest tube/bottle capacity in our range.

Several rotors are available, including a popular 4 position swinging bucket rotor with a wide offering of accessories for the centrifugation of tubes, bottles, plates and blood bags. The high capacity rectangular buckets accept microplates directly or a variety of tube inserts for accommodating as many as 40 x 50ml conical or 96 x 15ml conical tubes per run.

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 up to 99 saved programs, the easy to use front panel can adjust accel/decel rates, time, and convert operation between rpm and rcf. The powerful refrigeration system, with a range of -20° to 40° C, also features a precool function that ensures the temperature of the chamber is optimized for any application.

A standard floor standing model is available (height: 38.6 in.) which includes a convenient lower drawer for the storage of frequently used rotors and accessories. In addition, a space saving “underbench” model (height: 27.5 in.) is available when under the counter storage is preferred. Both models are equipped with wheels for easy maneuverability around the laboratory. W

For all your high capacity, high volume needs, the Z496-K floor standing series is the perfect centrifuge.

#### Ordering Information:

Z496-K\* Z496-K Floor Standing Centrifuge (without rotor)  
Z496-K-UC\* Z496-K Underbench Centrifuge (without rotor)  
\*Only available in 230V