

MIDSCI™

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

Micropocessor 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 x g
Max Capacity:	4 x 1000 ml
Timer:	up to 99 hr, 59 min.
Dimensions:	Underbench
(W x D x H)	24 x 27 x 27.5 in. 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 accomodating as many as 40 x 50ml conical or 96 x 15ml conical tubes per run.

Advanced micropocessor 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 te 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

Universal Swing Out Rotor:



Item: Z496-1000-AC	
4 x 1000ml Swing Out Rotor	
Max Speed: 4,200 rpm / 3,964 xg (w Rectangular buckets)	
Accel: 84 sec. / Decel: 53 sec.	
Z496-1000-AC	Rotor without buckets
Z496-1000	Rotor complete with 4 rectangular buckets
Z496-1000-RBUK	Rectangular/Microplate buckets, 2/pk.
Z496-500-BLD	Bucket for 500ml blood bags, 2/pk (4,600 rpm / 5,298 xg)
Z496-750-BLD	Bucket for 750ml blood bags, 2/pk (4,600 rpm / 5,274 xg)
Z496-1000-1L	Round bucket for 1000ml bottles, 2/pk (4,600 rpm / 5,203 xg)
Z496-1000-MPRA	Microplate removing aid

Inserts: (rectangular buckets)	Tube/Bottle	qty/ insert	qty./ rotor
Z496-1000-A750	750ml	1	4
Z496-1000-A500	500ml	1	4
Z496-1000-A500C	500ml conical	1	4
Z496-1000-A250	250ml	2	8
Z496-1000-A225	175/225ml conical	2	8
Z496-1000-A100	100ml	3	12
Z496-1000-A50	50ml conical	10	40
Z496-1000-A50R	50ml round	10	40
Z496-1000-A15	15ml conical	24	96
Z496-1000-A5F	5ml conical	24	96
Z496-1000-A10	10ml	31	124
Z496-1000-A57	5/7ml	46	184

All inserts come in packs of 2

Z496-1000-RBUK



Z496-1000-1L



Blood bag buckets



500ml

750ml

New optional accessory!!!

Z326-MPCA

3 x chamber slide and dish carrier



Chamber Slides

35mm Dishes

60mm Dishes

Fits all Hermle microplate carriers!!!



Z496-1000-MPRA
Microplate removing aid

Additional Rotors:



Item: Z446-04500

4 x 500ml Angle Rotor (24°)

Max Speed: 8,000 rpm / 10,367 x g

Accel: 59 sec. / Decel: 81 sec.



Item: Z366-06250

6 x 250ml Angle Rotor (28°)

Max Speed: 8,000 rpm / 10,016 x g

Accel: 53 sec. / Decel: 82 sec.



Item: Z326-1050

10 x 50ml Angle Rotor (38°)

Max Speed: 10,500 rpm / 16,022 x g

Accel: 56 sec. / Decel: 64 sec.

Inserts/Adapters
Z446-500-A15: 15ml conical
Z446-500-A50R: 50ml round
Z446-500-A50: 50ml conical
Z446-500-A250: 250ml bottle

Inserts/Adapters
Z366-06250-A15: 4 x 15ml conical
Z366-06250-A50R: 50ml round
Z366-06250-A50: 50ml conical

Inserts/Adapters
Z326-50-A30: 30ml round
Z326-50-A15: 15ml conical
Z326-50-B15: 15ml round
Z206-50-A57: 5-7ml (12-13mm)
Z206-50-A57C: Cushion for 5ml tube



www.midsci.com

PH: 800-227-9997 EM: leads@midsci.com

Also Available:



Z207 M
High Speed Microcentrifuge

- EZ-Scroll™ touch pad
- High speed, up to 17,317 x g
- Compact, 11in. wide
- Multiple rotor options for 1.5/2.0ml tubes



18 x 1.5/2.0ml
spin column



24 x 1.5/2.0ml
hermetically sealed