

LARGE-VOLUME CENTRIFUGES

4 x 1,000 ml

Z496-K

The refrigerated centrifuges of the Z496-K series can process large volumes of up to max. 4 x 1,000 ml as well as blood bags. As is typical for HERMLE, a wide range of adapters is available. The units are available in two different working heights: a floor-standing centrifuge and a practical underbench unit. Both models are fitted with castors to ensure they can be easily moved around the lab.



Underbench centrifuge



Floor-standing centrifuge



Information about the control panel can be found on page 8.

TECHNICAL SPECIFICATIONS

MAX. SPEED	10,500 rpm
MAX. RCF	16,022 xg
MAX. VOLUME	4 x 1,000 ml
SPEED RANGE	200 – 10,500 rpm
TEMPERATURE RANGE	-20°C to 40°C
RUNNING TIME	59 min 50 s / 10 s increments or 99 h 59 min / 1 min increments
DIMENSIONS (W X H X D)	Underbench: 25 in 27.5 in x 27 in / 62 cm x 70 cm x 69 cm Floor-standing: 25 in x 38 in x 27 in / 62 cm x 98 cm x 69 cm
WEIGHT	Underbench: 346 lbs / 157 kg Floor-standing: 419 lbs / 190 kg
POWER CONSUMPTION	2.3 KW

ORDER NUMBERS

Underbench centrifuge:	Z496-K-UC, 230 V / 50 – 60 Hz
Floor-standing centrifuge:	Z496-K, 230 V / 50 – 60 Hz
Interface including operating software:	Z496-OS

SPECIFICATIONS

- Maintenance-free induction drive
- Microprocessor control with LCD display
- Motor driven lid lock
- Automatic radio-frequency rotor identification system (RFID) with over speed protection, immediately upon rotor insertion
- Active imbalance detection and shutdown (rotor-specific)
- Wide range of rotors and accessories
- CFC-free refrigeration
- Manufactured in accordance with international safety guidelines, e.g. IEC 61010
- Acoustic signal during operation – with adjustable melody and volume
- Stainless steel chamber
- Timer function: the centrifuge starts at the pre-set time

ROTORS

MAX. VOLUME	MAX. SPEED	RCF VALUE	ORDER NUMBER	ANGLE
4 x 1,000 ml*	4,600 rpm	5,203 xg	Z496-1000	0 – 90°
4 x 750 ml*	4,500 rpm	4,346 xg	Z446-750	0 – 90°
4 x 500 ml	8,000 rpm	10,374 xg	Z446-04500	24°
6 x 250 ml	8,000 rpm	10,016 xg	Z366-06250	28°
10 x 50 ml conical	10,500 rpm	16,022 xg	Z326-1050	38°

* hermetically sealed

EXAMPLE ROTORS



Max. volume: 4 x 1,000 ml
 Order number: Z496-1000
 Hermetically sealed



Max. volume: 4 x 500 ml
 Order number: Z446-04500



Max. volume: 6 x 250 ml
 Order number: Z366-06250

The respective max. capacities of the rotors are shown in the tables. Naturally, adapters are available for smaller volumes. Detailed information can be found in our individual brochures on our homepage: www.HermleUSA.com/download
 If you cannot find the required adapter, we will gladly make a custom adapter for you.

