

## LARGE-VOLUME CENTRIFUGES

4 x 1,000 ml

# ZK 496

The refrigerated centrifuges of the ZK 496 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



### 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 99h 59 min / 1 min increments
DIMENSIONS (W X H X D)	Underbench centrifuge: 62 cm x 70 cm x 69 cm Floor-standing centrifuge: 62 cm x 98 cm x 69 cm
WEIGHT	Underbench centrifuge: 157 kg Floor-standing centrifuge: 190 kg
POWER CONSUMPTION	2.3 KW

### ORDER NUMBERS

Underbench centrifuge:	313.00 V01 – ZK 496, 230 V / 50 – 60 Hz
Floor-standing centrifuge:	313.00 V02 – ZK 496, 230 V / 50 – 60 Hz
Interface including operating software:	800.001

### 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	221.65 V20	0 – 90°
4 x 750 ml*	4,500 rpm	4,346 xg	221.36 V20	0 – 90°
4 x 500 ml	8,000 rpm	10,374 xg	221.51 V20	24°
6 x 250 ml	8,000 rpm	10,016 xg	221.21 V20	28°
10 x 50 ml conical	10,500 rpm	16,022 xg	221.52 V20	38°

\* hermetically sealed

## EXAMPLE ROTORS



Max. volume: 4 x 1,000 ml  
Order number: 221.65 V20  
Hermetically sealed



Max. volume: 4 x 500 ml  
Order number: 221.51 V20



Max. volume: 6 x 250 ml  
Order number: 221.21 V20

The respective max. capacities of the rotors are shown in the tables. Naturally, adapters are available for smaller volumes.  
Detailed information can be found on our homepage [www.bilmar.com.tr](http://www.bilmar.com.tr)  
If you cannot find the required adapter, we will gladly make a custom adapter for you.