

## UNIVERSAL CENTRIFUGES

4 x 145 ml

# Z 306

Our small, universal laboratory centrifuge offers a wide range of applications, ranging from clinical laboratory work to research and industrial laboratories. The swing-out rotors can accommodate all standard tubes via appropriate adapters, including blood collection tubes and conical 15/50 ml tubes. The wide range of accessories for the Z 306 includes rotors for microtitre plates as well as high-speed fixed-angle rotors for reaction tubes or centrifuge tubes up to 50 ml – making this laboratory centrifuge an indispensable part of the daily work routine at smaller hospitals.



## TECHNICAL SPECIFICATIONS

MAX. SPEED	14,000 rpm
MAX. RCF	18,624 xg
MAX. VOLUME	4 x 145 ml
SPEED RANGE	200 – 14,000 rpm
RUNNING TIME	59 min 50s / 10s increments or 99h 59min / 1 min increments
DIMENSIONS (W X H X D)	35 cm x 33 cm x 47 cm
WEIGHT	30 kg



## ORDER NUMBERS

310.00 V01 – Z 306, 230 V / 50 – 60 Hz / 240 W

310.00 V02 – Z 306, 120 V / 50 – 60 Hz / 300 W

## SPECIFICATIONS

- Maintenance-free induction drive
- Microprocessor control with LCD display
- Electromagnetic lid lock
- Automatic radio-frequency rotor identification system (RFID) with over speed protection, immediately upon rotor insertion
- Active imbalance detection and shutdown (rotor-specific)
- Imbalance-tolerant drive system
- Wide range of rotors and accessories
- Manufactured in accordance with international safety guidelines, e.g. IEC 61010
- Acoustic signal during operation – with adjustable melody and volume
- Easy rotor change
- Noise level < 63 dBA at max. speed
- Optimised airflow keeps the samples cool
- 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 145 ml	4,500 rpm	3,350 xg	221.12 V20	0 – 90°
4 x 100 ml	4,000 rpm	2,611 xg	220.72 V20	0 – 90°
30 x 15 ml	4,500 rpm	2,830 xg	221.19 V20	35°
6 x 50 ml	6,000 rpm	4,427 xg	221.55 V20	40°
12 x 15 ml	6,000 rpm	4,427 xg	221.54 V20	32°
12 x 5 ml	14,000 rpm	18,624 xg	221.35 V20	45°
30 x 1.5/2.0 ml	12,000 rpm	15,131 xg	221.17 V20	45°
24 x 1.5/2.0 ml	14,000 rpm	18,624 xg	220.87 V21	45°
24 x 1.5/2.0 ml*	14,000 rpm	18,624 xg	220.87 V20	45°
2 x 3 MTP	4,500 rpm	2,716 xg	221.16 V20	0 – 90°
2 x 3 MTP	3,500 rpm	1,424 xg	220.50 V20	0 – 90°

\* hermetically sealed

## EXAMPLE ROTORS

Main rotor



Max. volume: 4 x 145 ml  
Order number: 221.12 V20



Max. volume: 2 x 3 Microtitre plates  
Order number: 221.16 V20



Max. volume: 6 x 50 ml  
Order number: 221.55 V20



Max. volume: 12 x 15 ml  
Order number: 221.54 V20



Max. volume: 30 x 1.5/2.0 ml  
Order number: 221.17 V20



Max. volume: 12 x 5 ml  
Order number: 221.35 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.bilmар.com.tr](http://www.bilmар.com.tr). If you cannot find the required adapter, we will gladly make a custom adapter for you.