

UNIVERSAL CENTRIFUGES 4 x 200 ml

Z 307

The small, universal laboratory centrifuge offers a wide range of applications, which covers clinical laboratory requirements, research, as well as industrial laboratory use. The Z 307 offers many accessories, including rotors for microtitreplates and high speed fixed angle rotors for micro tubes or centrifuge tubes up to 50ml. The swing-out rotors can load all common tubes by means of appropriate adapters, e.g. blood collection tubes and conical 15/50 ml tubes. This wide range of accessories makes the Z 307 laboratory centrifuge indispensable in research laboratories and small clinical hospital laboratories.



TECHNICAL SPECIFICATIONS

MAX. SPEED	14,000 rpm
MAX. RCF	18,624 xg
MAX. VOLUME	4 x 200 ml
SPEED RANGE	200 – 14,000 rpm
RUNNING TIME	59 min 50 s / 10 s increments or 99 h 59 min / 1 min increments
DIMENSIONS (W X H X D)	35.5 cm x 33 cm x 47.4 cm
WEIGHT	30 kg



ORDER NUMBERS

307.00 V01 – Z 307, 230 V / 50 – 60 Hz / 240 W

307.00 V02 – Z 307, 120 V / 50 – 60 Hz / 300 W

SPECIFICATIONS

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Lid lock
- Automatic radio-frequency rotor identification system (RFID) with over speed protection, immediately upon rotor insertion
- Active imbalance identification and cut-off (rotor-specific)
- Imbalance tolerant drive
- A large variety of rotors and accessories
- Manufactured according to international safety regulations, i.e. IEC 61010
- Audible signal at the end of each run with several melody options
- Rotor exchange is easy to handle
- Noise level under 63 dBA at max. speed
- Improved ventilation system keeps the samples cool
- Stainless steel chamber

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 200 ml	4,500 rpm	3,350 xg	220.71 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 V21	45°
24 x 1.5/2.0 ml & PPS Lid*	14,000 rpm	18,624 xg	220.87 V22	45°
24 x 1.5/2.0 ml & Alu Lid*	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 sealable

** sealable

EXAMPLE ROTORS



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: 24 x 1.5 / 2.0 ml
Order number: 220.87 V20



Max. volume: 30 x 1.5 / 2.0 ml
Order number: 221.17 V21



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. If you cannot find the required adapter, we will gladly make a custom adapter for you.