

UNIVERSAL CENTRIFUGES

4 x 200 ml

Z 327 | Z 327 K

Both the table top centrifuge Z 327 and the refrigerated table top centrifuge Z 327 K offer a wide assortment of rotor options, making them ideal for a wide variety of research applications. Rotor exchange between swing out, micro, or high volume angled rotors is very simple and can take place in a matter of seconds. The Z 327 K includes the refrigeration system on the back side of the unit, optimized for the lab bench at only 40 cm width.

TECHNICAL SPECIFICATIONS

MAX. SPEED	18,000 rpm
MAX. RCF	23,542 xg
MAX. VOLUME	4 x 200 ml
SPEED RANGE	200 – 18,000 rpm
TEMPERATURE RANGE Z 327 K	-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)	Z 327: 40 cm x 36 cm x 48 cm Z 327 K: 40 cm x 36 cm x 70 cm
WEIGHT	Z 327: 43 kg Z 327 K: 60 kg

ORDER NUMBERS

Z 327: 315.00 V01 - 230 V/50-60Hz/460 W

Z 327 K: 337.00 V01 - 230 V/50-60Hz/660 W

SPECIFICATIONS

- Simple one handed Touch-Operation
- Easy to program with gloves on
- Splash proof digital display
- Permanent indication of Preset and Actual Values Selection of speed in both rpm and g-force, with increments of 10
- 10 acceleration and 10 deceleration rates, Possibility of unbraked deceleration
- Preselection of the temperature from - 20°C to 40°C with 1°C increments (Z 327 K)
- Indication of the sample temperature (Z 327 K)
- Pre-cooling program option (Z 327 K)
- Standstill cooling (Z 327 K)
- Pre-selection of running time from 10 s to 99 h 59 min or continuous
- Storage of up to 99 runs incl. rotor type
- Quick-key for short runs
- Diagnostic program
- Timer: the centrifuge starts at the preselected 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 200 ml	5,000 rpm	4,136 xg	220.71 V20	0 – 90°
6 x 85 ml	11,000/ 13,500 rpm	13,932/ 20,984 xg	220.78 V21	25°
6 x 85 ml	9,000 rpm	10,413 xg	221.18 V21	38°
4 x 85 ml	12,000 rpm	14,809 xg	221.20 V20	30°
30 x 15 ml	4,500 rpm	2,830/2,467 xg	221.19 V20	35°
6 x 50 ml	6,000 rpm	4,427 xg	221.55 V20	40°
6 x 50 ml	12,000 rpm	13,522 xg	221.22 V20	26°
10 x 50 ml conical	7,500 rpm	8,174 xg	221.52 V20	38°
20 x 10 ml	12,000 rpm	15,775 xg	221.28 V21	30°
12 x 15 ml	6,000 rpm	4,427 xg	221.54 V20	32°
12 x 5 ml**	14,000/ 15,000 rpm	18,624/ 21,379 xg	221.35 V20	45°
44 x 1.5/2.0 ml	15,000 rpm	21,127/21,379 xg	221.68 V20	32°/55°
30 x 1.5/2.0 ml**	13,000/ 14,000 rpm	17,758/ 20,595 xg	221.17 V21	45°
24 x 1.5/2.0 ml & PPS Lid*	14,000/ 15,000 rpm	18,624/ 21,379 xg	220.87 V22	45°
24 x 1.5/2.0 ml & Alu Lid*	14,000/ 15,000 rpm	18,624/ 21,379 xg	220.87 V20	45°
12 x 1.5/2.0 ml	18,000 rpm	23,542 xg	221.23 V20	40°
4 x 8-PCR strips	15,000 rpm	15,343 xg	221.38 V20	45°
2 x 3 MTP	4,500 rpm	2,716 xg	221.16 V20	0 – 90°

* hermetically sealed

** sealable

EXAMPLE ROTORS



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



Max. volume: 4 x 200 ml
Order number: 220.71 V20



Hermetically Sealed-PPS Lid
Max. volume: 24 x 1.5/2.0 ml
Order number: 220.87 V22



Max. volume: 6 x 85 ml
Order number: 220.78 V21



Max. volume: 6 x 50 ml
Order number: 221.22 V20



Max. volume: 30 x 15 ml
Order number: 221.19 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.