









Universal Centrifuges Z 300 Z 300 K

Universal High Speed Centrifuges Z 323 Z 323 K

Universal Centrifuges Z 300 / Z 300 K

Centrifuges to meet your needs

- Maximum volume 400 ml (4 x 100 ml)
- Many rotors and adapters available for both swing-out and fixed angle rotors as well as microplate rotors
- · Rotors are easy to exchange
- Runs can be timed from 0-60 min, or continuous. Short runs can be achieved with the guick button feature.
- · Highly versatile centrifuge to fit your every need

Centrifuge Safety Features

- · Automatic rotor recognition limits rotors to their rated maximum speed
- · Imbalance sensor with safety shutdown mechanism
- · Electronic lid locking system prevents opening of lid while in usage
- Manufactured in accordance to IEC 1010 regulations
- Powerful CFC-free refrigeration system
- · Corrosion resistant stainless steel chambers
- · Highly durable construction provides stability during imbalance

User Friendly Operating Features

- · Large easy to view control panel with digital display
- · Control knobs for selecting

Speed / RCF

Running time

Temperature

- · Digital displays for pre-set or actual values
- "QUICK"-button for short runs
- · Selectable acceleration and deceleration rates
- · Stand still refrigeration
- · Pre-set key prevents accidental change of set values

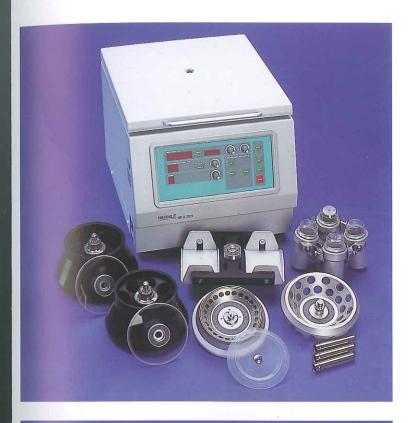


HERMLE "Standard-Control"





Universal High Speed Centrifuges Z 323 / Z 323 K





For High Speed Performance

- · Capacity for 4 x 100 ml at a speed of 5.000 rpm
- Many rotors and adapters available for both swing-out and fixed angle rotors as well as microplate rotors
- High speed microrotors up to 17.000 rpm / 26.810 x g
- High speed angle rotors for 85 ml or 50 ml up to 13.500 rpm / 20.986 x g
- · Rotors are easy interchangeable

Safety Features

- All the same features as previously mentioned on the Z 300 and Z 300 K. Additional features include:
- A motor driven lid lock which significantly reduces the force required to activate the lock.

User Friendly Operating Features

- · Large easy to view control panel with digital display
- · Control knobs for selecting:

Speed / RCF

Running time

Temperature

- · Digital display of both pre-set and actual values
- · "QUICK"-button for short runs
- Radius correction feature which allows the most accurate g-value calculation by compensating for the different tube sizes and adapters.
- Program memory can store up to 10 complete runs
- · Braking can be adjusted to 10 different intensities
- · Pre-set key prevents accidental change of set values
- Pre-cooling program option



Centrifuge	Z 300	Z 300 K	Z 323	Z 323 K
Output data				
Output data	10.500	10 500	47.000	47.000
Max. speed	13.500 rpm	13.500 rpm	17.000 rpm	17.000 rpm
Max. RCF	17.523 x g	17.523 x g	26.810 x g	26.810 x g
Max. volume	4 x 100 ml	4 x 100 ml	4 x 100 ml	4 x 100 ml
Technical data				
Drive mechanism	brushless induction drive			
Type of control	"Standard-Control"		"Multi-Control"	
Speed range	250-13.500 rpm / 250 rpm		200-17.000 rpm / 10 rpm	
Running time	1-60 min / continuous run		1-60 min / continuous run	
Temperature range	7 3-02 770 0 07 800	-20 - 40° C		-20 - 40° C
Dimensions in mm				
Unit (L/H/W)	355 x 330 x 475	420 x 335 x 660	390 x 370 x 550	690 x 370 x 550
Package (L/H/W)	480 x 610 x 490	740 x 510 x 850	520 x 470 x 650	820 x 700 x 590
Weight in kg				
Unit	27	55	44	75
Unit incl. packaging	32	68	51	88
Power consumption				
Voltages	Article-No.			
230 V / 50-60 Hz	283.00 V01	289.00 V01	278.00 V01	279.00 V01
120 V / 50-60 Hz	283.00 V02	289.00 V02	278.00 V02	279.00 V02
230 V / 50-60 Hz	283.00 P01 289.00 P01 incl. rotor 220.72 V04 and buckets 605.000			
100 1/ / 50 00 1 -	TO THE POPULATION OF THE POPUL			
120 V / 50-60 Hz	283.00 P02 289.00 P02 incl. rotor 220.72 V04 and buckets 605.000			
Accessories	-2			
Safety chassis	W.			
Height approx. 56 cm	272.98 V01	274.98 V01	272.98 V01	270.98 V01
incl. centrifuge	212.30 VUI	4/4.30 VUI	414.30 VUI	210.80 ANI
Height approx. 86 cm incl. centrifuge	272.98 V02	274.98 V02	272.98 V02	270.98 V02



HERMLE Labortechnik GmbH Siemensstraße 25 78564 Wehingen Germany

Phone + 49-74 26- 96 22-50 Fax + 49-74 26- 96 22-49

E-mail: vertrieb@hermle-labortechnik.de Internet: http://www.hermle-labortechnik.de

Technical modification rights reserved.