

UNIVERSAL CENTRIFUGE Z 306



UNIVERSAL CENTRIFUGE 2306

The small, universal laboratory centrifuge offers a wide range of applications, which covers clinical laboratory requirements, research, as well as industrial laboratory use. The Z306 offers many accessories, including rotors for microtitreplates and high speed fixed angle rotors for reaction vessels or centrifuge tubes up to 50mL. Additionally, swing out rotors, which hold a volume of 4 x 100mL can be used with special adapters for tissue culture tubes and also for all common blood tubes.

This wide range of accessories makes the Z306 laboratory centrifuge indispensable in research laboratories and small clinical hospital laboratories.



Specifications

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Lid lock
- Automatic rotor identification system with over speed protection, immediately upon rotor insertion
- Active imbalance-identification and -cut off (rotor specific)
- Imbalance tolerant drive
- A large variety of rotos 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 samples cool

Distinct Control Panel

- Simple one handed 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
- 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



Technical Data Z306

max. speed:	13,500rpm
max. RCF:	17,319 x g
max. volume:	4 x 100mL
Speed range:	200 - 13,500 rpm
running time:	59 min 50 s/ 10 s increments 99 h 59 min 50 s/1 min increments

Dimensions (w x h x d):	14 x 13 x 18.6 in 35.5 x 33 x 47.4 cm
Weight:	66 lbs / 30 kg

Order numbers:	
C0306	- Z306, 120V / 50 - 60 Hz / 300W
C0306-230V	- Z306, 230V / 50 - 60 Hz / 240W

Accessories 2306

Rotor/Bucket

Order No.:
C0326-12



Swing out rotor 4 places
Angle: 0 - 90°

Order No.:
C0326-72
C0326-72C



Swing out rotor 4 places
Angle: 0 - 90°

Order No.:
C0036-16



Swing rotor: 2 x 3 Microplates
Angle: 0 - 90°

Order No.:
C0036-19



Angle rotor: 30 x 15mL
Angle: 35°

Order No.:
C0326-96



Angle rotor: 12 x 15mL
Angle: 28°

Adapters

Acceleration in sec: 14/110 Deceleration in sec: 19/250 Max speed: 4,500 rpm RCF-value: 3,350 x g Max radius: 14.8 cm	Volume 100mL RB Glass	50mL Falcon	15mL Falcon	10mL RB Glass	5/7mL Vakut.	1.5/2.0mL Reakt.
	Ø (mm)	44	29	17	17	13
	Length (mm)	90/108	116	120	90/108	75/100
	Tubes	4	4	4	28	28
	Radiuscorrection (cm)	0.7	0.3	0.0	0.3	0.6
	Order No.:	C0300-120	C0300-122	C0300-123	C0300-124	C0300-126
						C0300-127

Acceleration in sec: 14/110 Deceleration in sec: 17/170 Max speed: 4,000 rpm RCF-value: 2,486 x g Max radius: 13.9 cm	Volume 100mL RB Glass	50mL Falcon	15mL Falcon	15mL Falcon
	Tubes Ø (mm)	44	29	17
	Length min/max (mm)	90/108	116	120
	Tubes per rotor	4	4	8
	Radiuscorrection (cm)	0.7	0.3	0.0
	Order No.: Tube rack	C0320-720	C0320-728	C0320-726*
				C0326-722

Volume 10mL RB Glass	5/7mL Vakut.	1.5/2.0mL Reakt.	50mL Falcon	15mL Falcon
Tubes Ø (mm)	17	13	29	17
	90/108	75/100	42	116
Length min/max (mm)	16	16	20	8
Tubes per rotor	0.3	0.6	0.6	0.7
Radiuscorrection (cm)				0.0
Order No.: Tube rack	C0320-724	C0320-730	C0320-721	C0326-72B**
				C0326-72A**

* sealing lid does not fit
**for use without buckets

Acceleration in sec: 25/230 Deceleration in sec: 26/490 Max speed: 4,500 rpm RCF-value: 2,740 x g Max radius: 12.1 cm	Part No.: C0320-504	Tube Racks 48 x 1.5mL, pk/2	max loading height: 58 mm max loading weight: 310 g
Fully skirted plates only*			

Acceleration in sec: 19/157 Deceleration in sec: 20/590 Max speed: 4,500 rpm RCF-value: 2,830 x g Max radius: 10.9/12.5 cm Max Ø: 17 mm	Part No.: C0200-10 C0200-17A	Tube Racks 10 mL round, pk/2 comb adapt for 5, 7 and 10mL, pk/6	Ø (mm)	Length
			17.0	95/115
			13.5	70/90, 95/115

Acceleration in sec: 13/105 Deceleration in sec: 13/300 Max speed: 6,000 rpm RCF-value: 4,180 x g Max radius: 10.4 cm Max Ø: 17 mm	Part No.: C0200-17A C0230-20 w/o adapter	Tube Racks comb adapt for 5, 7 and 10mL, pk/6 1.5mL, pk/4 15mL conical	Ø (mm)	Length
			13.5	70/90 95/115
			11.0	42
			17.0	120

Accessories 2306

Rotor/Bucket

Order No.:
C0326-24



Angle rotor: 24 X 1.5/2.0mL
Angle: 40°

Order No.:
C0326-24H



Angle rotor: 24 X 1.5/2.0mL
Angle: 40°, hermetically sealed

Order No.:
C0036-17



Angle rotor: 30 x 1.5/2.0mL
Angle: 40°

Order No.:
C0326-97



Angle rotor: 6 x 50mL
Angle: 28°

Adapters

Acceleration in sec:	Part No.:	Tube Racks	Ø (mm)	Length
22/200	C1205	0.5/0.6mL, pk/6	8.0	45
Deceleration in sec: 35/290	C1206	0.4/0.25mL, pk/6	6.0	45
Max speed: 13,500 rpm	C1222	0.2mL thermal cycling, pk/6		
RCF-value: 17,319 x g	w/o adapter	1.5/2.0mL microtubes	11.0	40
Max radius: 8.5 cm				
Max Ø: 11 mm				

Acceleration in sec:	Part No.:	Tube Racks	Ø (mm)	Length
25/200	C1205	0.5/0.6mL, pk/6	8.0	45
Deceleration in sec: 35/340	C1206	0.4/0.25mL, pk/6	6.0	45
Max speed: 13,500 rpm	C1222	0.2mL thermal cycling, pk/6		
RCF-value: 17,319 x g	w/o adapter	1.5/2.0mL microtubes	11.0	40
Max radius: 8.5 cm				
Max Ø: 11 mm				

Acceleration in sec:	Part No.:	Tube Racks	Ø (mm)	Length
27/250	C1205	0.5/0.6mL, pk/6	8.0	45
Deceleration in sec: 34/450	C1206	0.4/0.25mL, pk/6	6.0	45
Max speed: 12,000 rpm	C1222	0.2mL thermal cycling, pk/6		
RCF-value: 15,133 x g	w/o adapter	1.5/2.0mL microtubes	11.0	40
Max radius: 9.4 cm				
Max Ø: 11 mm				

Acceleration in sec:	Part No.:	Tube Racks	Ø (mm)	Length
13/105	C0232-8B	15mL conical/round, pk/6	17.0	120/125
Deceleration in sec: 13/300	C0232-9B	5/7mL, pk/6		
Max speed: 6,000 rpm	C0230-41	cushion in C0232-9B, pk/12		
RCF-value: 3,820 x g	w/o adapter	50mL conical	30.0	120
Max radius: 9.5 cm				
Max Ø: 30 mm				

More From Labnet

Z326K Refrigerated Centrifuge

Max Speed: 18,000 rpm
Max RCF: 20,398 x g
Max Volume: 4 x 100 mL
Footprint: 15.7 x 27.6 x 14.2 in
40 x 70 x 36 cm



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