

UNIVERSAL TABLE TOP CENTRIFUGE Z 366



Universal Table Centrifuge Z 366

The universal table top centrifuge Z 366 puts new scales regarding the versatility, running features, easy handling and the design.

Both, the tube capacity of 28 x 15 ml Falcon tubes and centrifugal forces up to 29068 xg, turns the table top centrifuge Z 366 into an universal high-powered centrifuge.



Specifications

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Motor driven lid lock
- Automatic rotor identification system with over speed protection
- Active imbalance-identification and -cut off
- Imbalance tolerant drive
- A large variety of rotors and accessoires
- Audible signal at the end of each run with several melody options
- Noise level under 60 dBA at max. speed
- Manufactured according to international safety regulations, i.e. IEC 1010

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 with storage of up to ninety nine runs
- Direct access to parameters; no click through the program
- Pre-selection of running time from 10 sec to 99h 59min or continuous
- Quick-key for short runs



Technical data

max. speed: 20000 rpm
max RCF: 29068 xg
max. volume: 6 x 250 ml
Speed range: 200 - 20000 rpm
Running Time: 99 h 59 min / 59 min 50 sec
in 1 min / 10 sec increments

Dimensions (w x h x d): 43 cm x 38 cm x 51 cm
Weight: 52 kg
Power input: 475 W

Order numbers:
301.00 V01 - Z 366, 230 V / 50 - 60 Hz
301.00 V02 - Z 366, 120 V / 50 - 60 Hz

Adapters

Acceleration in sec.: 20 / 185
 Deceleration in sec.: 25 / 300
 max. speed: 4500 rpm
 RCF-value: 3780 xg
 max. radius: 16,7 cm

250 ml	100 ml	50 ml	50 ml	50 ml Falcon	50 ml Rim	25 ml	25 ml Rim	15 ml
62	41	34	29	29	29	24,5	24,5	17
110/130	95/120	100/120	95/120	/120	100/120	100/120	85/100	76/115
4	4	8	12	12	4	20	12	36
0,8	0,6	0,6	0,4	0,3	0,4	0,6	1,2	0,4
628.000	628.001	628.008	628.002	628.005	628.009	628.003	628.010	628.004

15 ml Falcon	15 ml Stehrand	10 ml	9 ml	5-7 ml	1,6-7 ml	4-10 ml	2,6-5 ml	4-10 ml	1,5 - 2,0 ml
17	17	16	14	13	13	16	13	15	11
95/120	100/120	80/100	76/115	65/120	75/120	75/100	65/100	75/100	38
28	28	32	36	56	40	32	40	32	36
0,4	0,6	0,4	0,4	0,8	0,8	0,4	0,8	0,4	1,0
628.007	628.011	628.012	628.004	628.013	628.014	628.015	628.014	628.015	628.016

Acceleration in sec.: 20 / 180
 Deceleration in sec.: 25 / 390
 max. speed: 4500 rpm
 RCF-value: 2720 xg
 max. radius: 12 cm
 max. Loading height: 58 mm
 max. Loading weight: 310 g

Order-No.: 706.000
 Tube rack
 48 x 1,5 ml (2,0 ml) Tubes

Acceleration in sec.: 15 / 110
 Deceleration in sec.: 20 / 450
 max. speed: 4500 rpm
 RCF-value: 2830 xg
 max. radius: 12,5 cm
 max. Ø: 17 mm

Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
701.010	1 x 15 ml-glass	17,5	95/115
701.011	1 x 7 ml	13,5	95/115
701.012	1 x 5 ml (RIA)	13,5	70/90

Acceleration in sec.: 70 / 570
 Deceleration in sec.: 85 / 520
 max. speed: 8000 rpm
 RCF-value: 10017 xg
 max. radius: 14,0 cm
 max. Ø: 62 mm

Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
713.030	1 x 50 ml-Falcon	29	118
713.030	1 x 50 ml	29	103
713.028	2 x 30 ml	26	92
713.025	4 x 15 ml-Falcon	17	120
713.020	5 x 10 ml	16	80
713.015	8 x 1,5 ml	11	40
without Adapter	1 x 250ml	62	122

Acceleration in sec.: 60 / 500
 Deceleration in sec.: 70 / 1080
 max. speed: 11000 rpm
 RCF-value: 15556 xg
 max. radius: 11,5 cm
 max. Ø: 38 mm

Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
707.001	1 x 15 ml	17	103/110
707.002	1 x 30 ml	25	90/103
707.003	1 x 50 ml	29	105
707.004	1 x 50 ml-Falcon	29	118
707.014	1 x 15 ml-Falcon	17	120
without Adapter	1 x 80 ml	38	113

Rotor/Bucket

Order No.:
221.15 V02

Swing out rotor 4 Places
 Angle: 0-90°



628.100

PC-Screwcap

Volume

Tubes Ø in mm

Length min./max. (mm)

Tubes per Rotor

Radiuscorrection (cm)

Order-No.: Tube Rack.

Volume

Tubes Ø in mm

Length min./max. (mm)

Tubes per Rotor

Radiuscorrection (cm)

Order-No.: Tube Rack.

Order No.:
221.16 V03

Swing out rotor 2 x 3 Microtitreplates
 Angle: 0-90°



Order No.:
221.19 V02

Angle rotor 30 x 15 ml
 Angle: 35°



Order No.:
221.21 V02

Angle rotor 6 x 250 ml
 Angle: 28°



Order No.:
221.18 V02

Angle rotor 6 x 80 ml
 Angle: 38°



Accessories 2366

Rotor/Bucket

Order No.:
221.20 V02



Angle rotor 4 x 80 ml
Angle: 30°

Order No.:
221.22 V02



Angle rotor 6 x 50 ml
Angle: 26°

Order No.:
221.28 V02



Angle rotor 20 x 10 ml
Angle: 30°

Order No.:
221.17 V03



Angle rotor 30 x 1,5 / 2,0 ml
Angle: 45°

Order No.:
221.23 V02



Angle rotor 12 x 1,5 / 2,0 ml
Angle: 40°

Adapters

Acceleration in sec.: 42 / 400 Deceleration in sec.: 52 / 800 max. speed: 12000 rpm RCF-value: 14811 xg max. radius: 9,2 cm max. Ø: 38 mm	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
	707.001	1 x 15 ml	17	103/110
	707.002	1 x 30 ml	25	90/103
	707.003	1 x 50 ml	29	105
	707.004	1 x 50 ml-Falcon*	29	118
	707.014	1 x 15 ml-Falcon*	17	120
	without Adapter	1 x 80 ml	38	113

*only without rotor lid

Acceleration in sec.: 50 / 440 Deceleration in sec.: 50 / 520 max. speed: 13000 rpm RCF-value: 15871 xg max. radius: 8,4 cm max. Ø: 29 mm	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
	without Adapter	1 x 50 ml	30	95/115
	708.002	1 x 30 ml	30	92/95
	708.003	1 x 16 ml	18	100/105
	708.004	1 x 15 ml	17	100/105
	603.001	1 x 15 ml-Falcon*	17,5	116/125

*only without rotor lid

Acceleration in sec.: 40 / 400 Deceleration in sec.: 40 / 630 max. speed: 12000 rpm RCF-value: 15777 xg max. radius: 9,8 cm max. Ø: 16 mm	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
	without Adapter	1 x 10 ml	16	80

Acceleration in sec.: 55 / 510 Deceleration in sec.: 55 / 340 max. speed: 15000 rpm RCF-value: 23645 xg max. radius: 9,4 cm max. Ø: 11 mm	Order-No.:	
	704.004	0,4 ml tubes (Ø 6 x 50 mm) set of adapters (12 pcs.)
	704.005	0,5 ml tubes (Ø 8 x 32 mm) set of adapters (12 pcs.)

Acceleration in sec.: 30 / 300 Deceleration in sec.: 45 / 230 max. speed: 20000 rpm RCF-value: 29068 xg max. radius: 6,5 cm max. Ø: 11 mm	Order-No.:	
	704.004	0,4 ml tubes (Ø 6 x 50 mm) set of adapters (12 pcs.)
	704.005	0,5 ml tubes (Ø 8 x 32 mm) set of adapters (12 pcs.)

More from HERMLE:



High Speed Table Top Centrifuge **236HK**

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