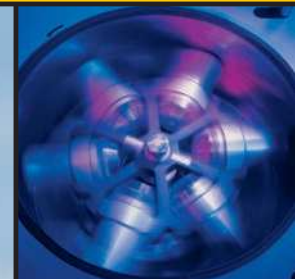


HIGH SPEED TABLE TOP CENTRIFUGE Z 36 HK



Equipment



High Speed Table Top Centrifuge Z 36 HK

The Z 36 HK is the culmination of many years of centrifuge design experience combined with the latest technology.

Featuring speeds up to 30000 rpm (65390 xg) with ten available rotor options, the Z 36 HK is the most capable centrifuge in its class.



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 pin
- A large variety of rotors and accessories
- CFC-free refrigeration system
- Standstill cooling
- Manufactured according to international safety regulations, i. e. IEC 61010
- Audible signal at the end of each run with several melody options
- Noise level under 60 dBA at max. speed

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 deceleration rates with storage of up to 99 runs.
- Direct access to parameters; no click through the program
- Temperature range from -20° to 40°C
- Temperature selection available in both °C or °F
- Pre-selection of the running time from 10 sec to 99 h 59 min or continuous
- Pre-cooling program option
- Quick-key for short runs



Technical data

max. speed: 30000 rpm
max RCF: 65395 xg
max. volume: 6 x 250 ml
Speed range: 200 - 30000 rpm with
10 rpm increments
Running time: 59 min 50 s / in 10 s increments
99 h 59 min / in 1 min increments
Temperature range: -20° to 40°C with 1° increment

Dimensions (wxhxd): 71,5 cm x 42 cm x 51 cm
Weight: 91 kg

Order numbers:
302.00 V03 - Z 36 HK, 230 V / 50 - 60 Hz / 1600 W
302.00 V04 - Z 36 HK, 120 V / 50 - 60 Hz / 1800 W

Adapters

Acceleration in s: 20 / 185
Deceleration in s: 25 / 300
max. speed: 4000 rpm
RCF-value: 2987 xg
max. radius: 16,7 cm
max. Ø 61 mm
Temperature at n-max.: -20°C

250 ml	100 ml	50 ml	50 ml	50 ml Falcon	50 ml Stehrand	25 ml	25 ml Stehrand	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	4	12	12	8	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	628.006	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 s: 20 / 180
Deceleration in s: 25 / 390
max. speed: 4500 rpm
RCF-value: 2716 xg
max. radius: 12 cm
max. Loading height: 63 mm
max. Loading weight: 310 g
Temperature at n-max.: -15°C

Best.-Nr.: 706.000
Tube rack
48 x 1,5 ml (2,0 ml)
Tubes

Acceleration in s:	Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
15 / 110	701.011	1 x 15 ml-Glas	17,5	95/115
Deceleration in s: 20 / 450	701.012	1 x 7 ml	13,5	95/115
max. speed: 4500 rpm	701.015	1 x 5 ml (RIA)	13,5	70/90
RCF-value: 2830 xg		1 x 1,5 ml	11,0	42
max. radius: 12,5 cm				
max. Ø: 17 mm				
Temperature at n-max.: -20°C				

Acceleration in s:	Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
70 / 570	713.042	1 x 50 ml-Falcon	29	118
Deceleration in s: 85 / 520	713.030	1 x 50 ml	29	103
max. speed: 10000 rpm	713.028	2 x 30 ml	26	92
RCF-value: 15650 xg	713.025	4 x 15 ml-Falcon	17	120
max. radius: 14,0 cm	713.020	5 x 10 ml	16	80
max. Ø: 62 mm	713.015	8 x 1,5 ml	11	40
Temperature at n-max.: 1°C	without Adapter	1 x 250 ml	62	122

Acceleration in s:	Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
60 / 500	707.001	1 x 15 ml	17	103/110
Deceleration in s: 70 / 1080	707.002	1 x 30 ml	25	90/103
max. speed: 13000 rpm	707.003	1 x 50 ml	29	105
RCF-value: 21726 xg	707.004	1 x 50 ml-Falcon	29	118
max. radius: 11,5 cm	707.014	1 x 15 ml-Falcon	17	120
max. Ø: 38 mm	without Adapter	1 x 85 ml	38	113
Temperature at n-max.: -10°C				

Rotor/Bucket

Order No.:
221.15 V01

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 V02

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



Order No.:
221.19 V01

Angle rotor 30 x 15 ml
Angle: 35°



Order No.:
221.21 V01

Angle rotor 6 x 250 ml
Angle: 28°



Order No.:
221.18 V01

Angle rotor 6 x 85 ml
Angle: 38°



Accessories Z 36 HK

Rotor/Bucket		Adapters			
Order No.: 221.20 V01  Angle rotor 4 x 85 ml Angle: 30°	Acceleration in s: 42 / 400 Deceleration in s: 52 / 800 max. speed: 20000 rpm RCF-value: 41137 xg max. radius: 9,2 cm max. Ø: 38 mm Temperature at n-max.: 15°C	Order-No.: 707.001 707.002 707.003 707.004 707.014 without Adapter	Tube Racks 1 x 15 ml 1 x 30 ml 1 x 50 ml 1 x 50 ml-Falcon* 1 x 15 ml-Falcon* 1 x 85 ml	Ø (mm) 17 25 29 29 17 38	Length (min./max.): 103/110 90/103 105 118 120 113
Order No.: 221.22 V01  Angle rotor 6 x 50 ml Angle: 26°	Acceleration in s: 50 / 440 Deceleration in s: 50 / 520 max. speed: 21000 rpm RCF-value: 41410 xg max. radius: 8,4 cm max. Ø: 29 mm Temperature at n-max.: 6°C	Order-No.: ohne Adapter 708.019 708.003 708.004 708.017	Tube Racks 1 x 50 ml 1 x 30 ml 1 x 16 ml 1 x 15 ml 1 x 15 ml-Falcon*	Ø (mm) 29 25 18 17 17,5	Length (min./max.): 95/115 92/95 100/105 100/105 116/125
OrderNo.: 221.28 V01  Angle rotor 20 x 10 ml Angle: 30°	Acceleration in s: 40 / 400 Deceleration in s: 40 / 630 max. speed: 16000 rpm RCF-value: 28045 xg max. radius: 9,8 cm max. Ø: 16 mm Temperature at n-max.: 0°C	Order-No.: without Adapter	Tube Racks 1 x 10 ml	Ø (mm) 16	Length (min./max.): 80
Order No.: 221.17 V08  Angle rotor 30 x 1,5 / 2,0 ml Angle: 45°	Acceleration in s: 55 / 510 Deceleration in s: 55 / 340 max. speed: 20000 rpm RCF-value: 42032 xg max. radius: 9,4 cm max. Ø: 11 mm Temperature at n-max.: 7°C	Order-No.: 704.004 704.005 704.011	0,4 ml tubes (Ø 6 x 50 mm) set of adapters (6 pcs.) 0,5 ml tubes (Ø 8 x 32 mm) set of adapters (6 pcs.) 1,5 ml adapter to the full performance usage (from 20000 xg) (6 pcs.)		
Order No.: 221.23 V01  Angle rotor 12 x 1,5 / 2,0 ml Angle: 40°	Acceleration in s: 30 / 300 Deceleration in s: 45 / 230 max. speed: 30000 rpm RCF-value: 65395 xg max. radius: 6,5 cm max. Ø: 11 mm Temperature at n-max.: 4°C	Order-No.: 704.004 704.005 704.011	0,4 ml tubes (Ø 6 x 50 mm) set of adapters (6 pcs.) 0,5 ml tubes (Ø 8 x 32 mm) set of adapters (6 pcs.) 1,5 ml adapter to the full performance usage (necessary from 16000 xg) (6 pcs.)		

More from HERMLE:



Refrigerated Microlitrecentrifuge **Z 216 MK**

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