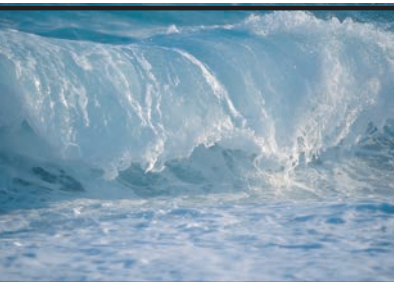
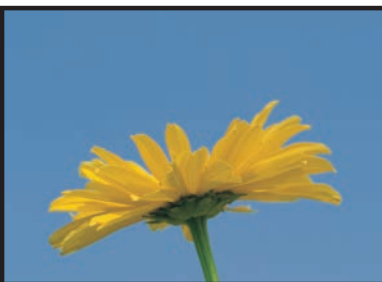


HIGH SPEED TABLE TOP CENTRIFUGE Z 36 HK



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

Accessories 236 HK

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: 15 / 110
 Deceleration in s: 20 / 450
 max. speed: 4500 rpm
 RCF-value: 2830 xg
 max. radius: 12,5 cm
 max. Ø: 17 mm
 Temperature at n-max.: -20°C

Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
without Adapter	1 x 15 ml-Glas	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
701.015	1 x 1,5 ml	11,0	42

Acceleration in s: 70 / 570
 Deceleration in s: 85 / 520
 max. speed: 10000 rpm
 RCF-value: 15650 xg
 max. radius: 14,0 cm
 max. Ø: 62 mm
 Temperature at n-max.: 1°C

Order-No.:	Tube rack	Ø (mm)	Length (min./max.):
713.042	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 250 ml	62	122

Acceleration in s: 60 / 500
 Deceleration in s: 70 / 1080
 max. speed: 13000 rpm
 RCF-value: 21726 xg
 max. radius: 11,5 cm
 max. Ø: 38 mm
 Temperature at n-max.: -10°C

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 85 ml	38	113

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

Order No.:
221.20 V01




Angle rotor 4 x 85 ml
Angle: 30°

Order No.:
221.22 V01



Angle rotor 6 x 50 ml
Angle: 26°

OrderNo.:
221.28 V01




Angle rotor 20 x 10 ml
Angle: 30°

Order No.:
221.17 V08



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

Order No.:
221.23 V01



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

Adapters

Acceleration in s:	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
42 / 400	707.001	1 x 15 ml	17	103/110
Deceleration in s: 52 / 800	707.002	1 x 30 ml	25	90/103
max. speed: 20000 rpm	707.003	1 x 50 ml	29	105
RCF-value: 41137 xg	707.004	1 x 50 ml-Falcon*	29	118
max. radius: 9,2 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.: 15°C	*only without rotor lid			

Acceleration in s:	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
50 / 440	ohne Adapter	1 x 50 ml	29	95/115
Deceleration in s: 50 / 520	708.019	1 x 30 ml	25	92/95
max. speed: 21000 rpm	708.003	1 x 16 ml	18	100/105
RCF-value: 41410 xg	708.004	1 x 15 ml	17	100/105
max. radius: 8,4 cm	708.017	1 x 15 ml-Falcon*	17,5	116/125
max. Ø: 29 mm	*only without rotor lid			
Temperature at n-max.: 6°C				

Acceleration in s:	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
40 / 400	without Adapter	1 x 10 ml	16	80
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				

Acceleration in s:	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
55 / 510	704.004	0,4 ml tubes (Ø 6 x 50 mm)		
Deceleration in s: 55 / 340		set of adapters (6 pcs.)		
max. speed: 20000 rpm	704.005	0,5 ml tubes (Ø 8 x 32 mm)		
RCF-value: 42032 xg		set of adapters (6 pcs.)		
max. radius: 9,4 cm	704.011	1,5 ml adapter to the full performance usage (from 20000 xg)		
max. Ø: 11 mm				
Temperature at n-max.: 7°C				

Acceleration in s:	Order-No.:	Tube Racks	Ø (mm)	Length (min./max.):
30 / 300	704.004	0,4 ml tubes (Ø 6 x 50 mm)		
Deceleration in s: 45 / 230		set of adapters (6 pcs.)		
max. speed: 30000 rpm	704.005	0,5 ml tubes (Ø 8 x 32 mm)		
RCF-value: 65395 xg		set of adapters (6 pcs.)		
max. radius: 6,5 cm	704.011	1,5 ml adapter to the full performance usage (necessary from 16000 xg)		
max. Ø: 11 mm				
Temperature at n-max.: 4°C				

More from HERMLE:



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Refrigerated Microlitrecentrifuge **Z 216 MK**

