

Universal Centrifuges

- Z 366

- Z 366 K



HERMLE
Labnet

6 x 250 ml

Z 366

Z 366 K



Specifications

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Motor driven lid lock
- Automatic rotor identification system with over speed protection, immediately upon rotor insertion
- Active imbalance identification and cut off (rotor-specific)
- CFC-free refrigeration system
- A large variety of rotors and accessories
- Audible signal at the end of each run with several melody options
- Noise level < 63 dBA (depend on rotor)
- Manufactured according to international safety regulations, i. e. IEC 61010

The Hermle Z 366 and Z 366 K centrifuges add new meaning to versatility and intuitive design for benchtop centrifugation. Both the large tube capacity of up to 30 x 15 mL conical tubes and maximum g force of 24,321 x g in the 366 series set the standard for universal high-powered centrifuges.

Technical Data

max. Speed: 15,000 /16,000 rpm
max. RCF: 21,382 /24,321 xg
max. Volume: 6 x 250 ml
Speed range: 200 - 15,000 /16,000 rpm
Temperature range
Z 366 K: -20°C to 40°C
Running time: 99 h 59 min / 59 min 50 s
in 1 min / 10 s increments

Dimensions (WxHxD):

Z 366: 43 x 36 x 51 cm / 17 x 14.2 x 20 in
Z 366 K: 72 x 36 x 51 cm / 28.5 x 14.2 x 20 in

Weight:

Z 366: 52 kg / 114 lbs
Z 366 K: 77 kg / 169 lbs

Power input:

Z 366: 520 W
Z 366 K: 785 W

Order numbers:

Z 366: C0366 - 120 V / 50 - 60 Hz
C0366-230V - 230 V / 50 - 60 Hz
Z 366 K: C0366-K - 120 V / 50 - 60 Hz
C0366-K-230V - 230 V / 50 - 60 Hz



Distinct Control Panel

- Simple one handed operation
- Easy to program with gloves on
- 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, possibility of unbraked deceleration
- Temperature range from -20°C to 40°C with 1°C increments
- Pre-cooling program
- Standstill cooling
- Pre-selection of the running time from 10 s to 99 h 59 min or continuous
- Storage of up to 99 runs including rotor
- Quick-key for short runs

Accessories Z 366 and Z 366 K

Rotor/Buckets		Adapter				
Order No.: C0036-75  Swing out rotor 4 places Angle: 0-90°		C0036-75LID PC-Screw cap  Acceleration in s: 34/309 Deceleration in s: 36/458 max. Speed: 4,500 rpm RCF: 3,780 x g max. Radius: 16.7 cm Temperature at max. speed: -2°C	Order Nr.: C0036-75D C0036-75F C0036-75B C0036-75C C0036-75A C0036-75E C0036-75G	Tube rack 1 x 250 ml 1 x 100 ml 3 x 50 ml 3 x 50 ml conical 7 x 15 ml conical 8 x 10 ml 10 x 5/7 ml	ø (mm) 62 41 29 29 17 16 13	Length (min./max.) 110/130 95/120 95/120 100/120 95/120 75/100 65/100
Order No.: C0036-16  Swing out rotor 2x3 Microtitreplates Angle: 0-90°		Acceleration in s: 43/452 Deceleration in s: 38/616 max. speed: 4,500 rpm RCF: 2,716 x g max. radius: 12 cm max. loading height: 63 mm max. loading weight: 310 g Temp. at max. speed: -3°C	Order Nr.: C0320-504	Tube rack 48 x 1.5/2.0 ml		
Order No.: C0036-28  Angle rotor 20 x 10 ml Angle: 30°		Acceleration in s: 54/512 Deceleration in s: 47/1,439 max. speed: 12,000 rpm RCF: 15,777 x g max. radius: 9.8 cm max. ø: 16 mm Temp. at max. speed: 0°C	Order Nr.: no adapter	Tube rack 1 x 10 ml	ø (mm) 16	Length (min./max.) 80
Order No.: C0036-52  Angle rotor 10 x 50 ml Falcon Angle: 38°		Acceleration in s: 115/753 Deceleration in s: 72/2,395 max. speed: 9,500 rpm RCF: 13,115 x g max. radius: 13 mm max. ø: 29 mm Temp. at max. speed: 4°C	Order Nr.: no adapter C0036-52A C0036-52A	Tube rack 1 x 50 ml conical 1 x 15 ml conical 1 x 15 ml round	ø (mm) 29 17 17	Length (min./max.) 118 121 97/116
Order No.: C0326-24  Angle rotor 24 x 1.5/2.0 ml Angle: 45°		Acceleration in s: 25/251 Deceleration in s: 26/610 Acceleration in s: 30/249 Deceleration in s: 27/635 max. speed: 15,000/ 16,000 rpm max. RCF: 21,382/24,321 x g max. radius: 8.5 cm max. ø: 11 mm Temp. at max. speed: 3°C	Order Nr.: no adapter no adapter C1205 C1206 C1222	Tube rack 1.5 ml 2.0 ml 0.5/0.6 ml 0.4/0.25 ml 0.2 ml	ø (mm) 11 11 8 6 6	Length (min./max.) 40 40 45 45 45
Order No.: C0326-24H  Angle rotor 24 x 1.5/2.0 ml Angle: 45°		Acceleration in s: 25/251 Deceleration in s: 26/610 Acceleration in s: 20/249 Deceleration in s: 27/635 max. speed: 15,000/ 16,000 rpm max. RCF: 21,382/24,321 x g max. radius: 8.5 cm max. ø: 11 mm Temp. at max. speed: 3°C	Order Nr.: no adapter no adapter C1205 C1206 C1222	Tube rack 1.5 ml 2.0 ml 0.5/0.6 ml 0.4/0.25 ml 0.2 ml	ø (mm) 11 11 8 6 6	Length (min./max.) 40 40 45 45 45
Order No.: C0036-18  Angle rotor 6 x 85 ml Angle: 38°		Acceleration in s: 85/697 Deceleration in s: 70/2,313 max. speed: 11,000 rpm RCF: 15,556 x g max. radius: 11.5 cm max. ø: 38 mm Temp. at max. speed: 6°C	Order Nr.: C0360-94C C0360-94C2 C0360-94B C0360-94A C0360-94D C0360-94X no adapter	Tube rack 1 x 15 ml 2 x 15 ml 1 x 30 ml 1 x 50 ml 1 x 50 ml conical 1 x 15 ml conical 85 ml	ø (mm) 17 17 25 29 29 17 38	Length (min./max.) 103/110 95/100 90/103 105 118 120 113

Accessories Z 366 and Z 366 K

Rotor/Buckets		Adapter			
Order No.: C0036-19  Angle rotor 30 x 15 ml Angle: 35°		Acceleration in s: 25/149 Deceleration in s: 20/985 max. speed: 4,500 rpm RCF: 2,830 x g max. radius: 12.5 cm max. ø: 17 mm Temp. at max. speed: -12°C	Order Nr.: no adapter C0200-10 C0200-05 C0200-17A	Tube rack 15 ml 1 x 10 ml 1 x 5 ml vaccu comb adapter for 5, 7 and 10 ml	ø (mm) 17.5 17 13 13 Length (min./max.) 95/115 95/115 75 70/95, 95/115
Order No.: C0036-20  Angle rotor 4 x 85 ml Angle: 30°		Acceleration in s: 60/506 Deceleration in s: 49/1,745 max. speed: 12,000 rpm RCF: 14,807 x g max. radius: 9.2 cm max. ø: 38 mm Temp. at max. speed: 5°C	Order Nr.: C0360-94C C0360-94B C0360-94A C0360-94D C0360-94X no adapter	Tube rack 1 x 15 ml 1 x 30 ml 1 x 50 ml 1 x 50 ml conical* 1 x 15 ml conical* 85 ml	ø (mm) 17 25 29 29 17 38 Length (min./max.) 103/110 90/103 105 118 120 113
					*only without rotor lid
Order No.: C0036-21  Angle rotor 6 x 250 ml Angle: 28°		Acceleration in s: 130/664 Deceleration in s: 92/2,906 max. speed: 8,000 rpm RCF: 10,017 x g max. radius: 14 cm max. ø: 62 mm Temp. at max. speed: 3°C	Order Nr.: C0036-21C C0036-21B C0036-21D C0036-21A C0036-21E C0036-21F no adapter	Tube rack 1 x 50 ml conical 1 x 50 ml 2 x 30 ml 4 x 15 ml conical 5 x 10 ml 8 x 1.5 ml 1 x 250 ml	ø (mm) 29 29 26 17 16 11 62 Length (min./max.) 118 103 92 120 80 40 122
Order No.: C0036-22  Angle rotor 6 x 50 ml (round tubes only) Angle: 26°		Acceleration in s: 48/446 Deceleration in s: 49/1,323 max. speed: 13,000 rpm RCF: 15,871 x g max. radius: 8.4 cm max. ø: 29 mm Temp. at max. speed: 0°C	Order Nr.: no adapter C0360-91C C0360-91A C0360-91D C0232-8B	Tube rack 1 x 50 ml 1 x 30 ml 1 x 16 ml 1 x 15 ml 1 x 15 ml conical*	ø (mm) 29 25 18 17 17 Length (min./max.) 95/115 92/95 100/105 100/105 116/125
					*only without rotor lid

More From Labnet

Z326 Non-Refrigerated High Performance Centrifuge

Max speed: 18,000 rpm

Max RCF: 23,545 x g

Footprint: 15.7 x 18.9 x 14.1 in/40 x 48 x 36 cm

Z326K Refrigerated High Performance Centrifuge

Max speed: 18,000 rpm

Max RCF: 23,545 x g

Footprint: 15.7 x 27.6 x 14.2/40 x 70 x 36 cm



Z326K



Z326



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