

Super Speed Refrigerated Centrifuge

■ Z36-HK



HERMLE
Benchmark 

6 x 250 ml

Z 36 HK



The Z36 HK is the result of many years of experience in the design of universal centrifuges, high speed centrifuges and compact microcentrifuges. The result is a "Super-Speed" centrifuge with unmatched performance amongst benchtop centrifuges. A robust motor drive powers a variety of high speed angled rotors to speeds that would generally only be achievable in large, floor-standing ultra centrifuges. 2.0ml microtube samples can reach forces above 65,000 x g, while 50ml samples can reach as high as 41,410 x g. In addition to its high speed capabilities, the Z36 HK doubles as a universal centrifuge with a 4 x 250ml swing out rotor (offering inserts for all common tube sizes) as well as a 2 x 3 position swing-out microplate rotor.

Technical data

Max. speed:	30,000 rpm
Max. RCF:	65,395 xg
Max. volume:	6 x 250 ml
Speed range:	200 - 30,000 rpm
Running time:	59 min 50 s / 10 s increments 99 h 59 min / 1 min increments
Dimensions:	28 in x 16.5 in x 20 in (w x h x d) 71.5 cm x 42 cm x 51 cm (wxhxd)
Weight:	200 lbs / 91 kg
Order No.:	Z036-HK 120 V / 50 - 60 Hz / 1600 W Z036-HK-E 230 V / 50-60 Hz / 1800 W



Specifications

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Motor driven lid lock
- Automatic radio-frequency rotor identification system (RFID) 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 under 65 dBA at max. speed
- Manufactured according to international safety regulations, i.e. IEC 61010
- Imbalance tolerant drive pin
- Standstill cooling
- Stainless steel chamber

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 99 runs
- Preselection of the temperature from - 20°C to 40°C with 1°C increments
- Temperature selection available in both °C or °F
- Pre-cooling program option
- Standstill cooling
- 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
- Timer: the centrifuge starts at the preselected time