

# HERMLE

## Benchmark

### Z366 *Series*

Z366  
Z366-K

### Universal Centrifuges



- **Mid-Range capacity**, 4 x 250ml rotor (16x50ml or 40x15ml)
- Advanced programming with auto rotor recognition
- High speed rotors available providing up to 24,000 x g
- Available with refrigeration



Z366 Universal Centrifuge



Refrigerated

Z366-K Universal Centrifuge

### Z366 Series Summary

Speed up to 16,000 rpm  
 G-Force up to 24,325 x g  
 Swing Out Capacity:  
 4 x 250 ml  
 12 x 50 ml  
 28 x 15ml  
 6 x microplates  
 Angle Rotor Capacity  
 44 x 1.5/2.0 ml  
 30 x 15 ml  
 10 x 50 ml  
 6 x 250 ml

### Z366 Features

#### Microprocessor Control

- Over-speed protection
- Automatic rotor identification
- Program Storage (99)
- Pre-Cool function (Z366-K only)
- Momentary spin button
- Imbalance detection
- Adjustable Accel/Decel
- Audible end of run alarm

#### Maintenance free induction drive

- Motor driven safety lid-lock
- Quiet operation, less than 62 DB
- Splash proof display
- Powerful Refrigeration (Z366-K only)

### Z366 Specifications

Speed Range: 200 to 16,000 rpm\*  
 Max. RCF: 24,325 x g\*  
 Max Capacity: 4 x 250 ml (Swing out)  
 6 x 250 ml (Angle)  
 Timer: up to 99 hr, 59 min.  
 Dimensions: 17 x 20 x 14.2 in.  
 (W x D x H)  
 43 x 51 x 36 cm.  
 Z366-K 28.3 x 20 x 14.2 in.  
 72 x 51 x 36 cm.  
 Weight: 114 lbs (52 kg)  
 Z366-K 169 lbs (77 kg)  
 Electrical: 120 or 230V, 50/60Hz  
 Power Draw: 520W (Z366-K: 785W)  
 Temp Range: -20° - 40° C  
 (Z366-K only)

\*Max Speed of Z366: 15,000rpm/21,379xg



For applications requiring increased capacity over the Z306 or Z326 series centrifuges, the Z366 series offer a unique “Mid-Range” swing out rotor that accepts a variety of different tubes, including up to 16 x 50ml or 40 x 15ml.

Despite this step up in capacity, the Z366 maintains a surprisingly compact design, with the standard air-cooled model featuring a footprint of 17 x 20 inches.

In addition to the popular 4 x 250ml swing out rotor, a variety of additional rotors are also available. Angled rotors range from a 24 x 1.5ml micro rotor to a high capacity 6 x 250ml rotor. A 2 x 3 microplate rotor is also available.

Advanced microprocessor controls allow for instant rotor identification, which automatically converts the rotational speed to the relevant g-force (rcf), preventing the user from setting a speed above the capabilities of the installed rotor. In addition to retrieving saved programs, the easy to use front panel can adjust accel/decel rates, and change the end of run alarm tone.

#### Ordering Information:

Z366\* Z366 Centrifuge (without rotor), 120V  
 Z366-K\* Z366-K Refrigerated Centrifuge (without rotor), 120V

\*115V with US Plug. For 230V (EU Plug), please order -E.