

## Product information

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# Z327 Refrigerated High Speed Microcentrifuge

**Catalog #:** BCMZ327  
**Size:** 1 UNIT  
**Storage:** 18-25°C



**BCMZ327 - Z327 Refrigerated High Speed Microcentrifuge**

### Product Description:

Compact, quiet, and powerful are just a few of the features found in the Z327 series microcentrifuge. Add to this, the versatility of eleven available rotor options, and the result is the ideal microcentrifuge for the modern molecular biology lab.

All common microtubes (0.2ml, 0.5ml, 1.5ml, 2.0ml) can be accepted as well as PCR strips, hematocrit tubes, and even 5.0ml centrifuge tubes. Advanced microprocessor controls allow for setting/displaying of the rotational speed in either rpm or rcf. In addition to retrieving saved programs, the easy to use front panel can be adjust accel/decel rates, and change the end of run alarm tone.

Despite a remarkably small footprint, the Z216 series offer a uniquely designed 44 x 1.5ml dual row rotor, nearly doubling the capacity when compared to traditional centrifuges. Select rotors also feature our convenient Quick-Seal lid which locks with just a quarter turn.

The Z327 has a powerful, compressor driven cooling system to maintain temperatures as low as -20°C and is designed to reach 4°C (from room temperature) in less than 10 minutes.

### Features:

- Unique 44 place micro rotor
- High speed, up to 21,379 x g
- 11 rotor options for microtubes, PCR strips and 5ml tubes

### Specifications:

<b>Speed Range</b>	200 to 15,000 rpm	<b>Weight</b>	77 lbs (35 kg)
<b>Max. RCF</b>	21,631 x g	<b>Electrical</b>	120 or 230V, 50/60Hz
<b>Max Capacity</b>	44 x 1.5/2.0 ml	<b>Power Draw</b>	560W
<b>Timer</b>	up to 99 hr, 59 min.	<b>Temp Range</b>	-20°C ~ 40°C
<b>Dimensions (WxDxH)</b>	11 x 21.6 x 11.4 in. / 28 x 55 x 29 cm		

### **Additional Features:**

- Maintenance-free induction drive
- Microprocessor with large LCD display
- Motor driven lid lock
- Active imbalance identification and cut off
- Standstill cooling
- CFC-free refrigeration system
- Rapid acceleration and deceleration (see rotor data)
- Lowest sample temperature 4°C at 20000 xg
- Noise level < 60 dBA at 21379 x g
- Extremely compact with a space saving footprint
- Quick access to samples with a snap on lid
- Manufactured according to international safety regulations, i. e. IEC 610104

### **Distinct Control Panel:**

- Simple one handed operation
- Easy to program with gloves on
- Foil keyboard
- Permanent indication of preset and actual values
- Selection of speed in both rpm and g-force, with increments of 10
- Quick-key for short runs
- 10 acceleration and deceleration rates, possibility of unbraked deceleration
- Storage of up to 99 runs including rotor
- Temperature range from -20°C to +40°C
- Input and indication of temperature either in °C or °F
- Pre-cooling program (Pre-cooling time from room temperature to +4°C < 10 min)
- Pre-selection of the running time from 10 s to 99 h 59 min or continuous