

LC-8™ Series Centrifuges

3,070
RCF



CE

- + Digital speed control with rcf conversion
- + Safety lid-lock prevents opening the lid until the rotor stops
- + Unique air flow design limits increase in sample temperature
- + Eight position rotor accepts tubes ranging from 5ml to 15ml
- + Ideal for PPP and PRP blood separations



15ml Conical
Centrifuge Tubes



15ml Blood
Collection Tubes



10ml Blood
Collection Tubes



5-7ml Blood Collection
Tubes (requires adapter)

Benchmark's LC-8 Series of laboratory centrifuges is uniquely designed to meet a wide range of applications in both the clinical and research laboratory. An eight position rotor is included and designed to directly accept 10ml and 15ml test-tubes (conical or round bottom), while optional adapters are also available for use with all popular sizes of blood collection and culture tubes. Unlike most compact centrifuges in this class, the rotor can be easily removed from the chamber for cleaning.

The back-lit, liquid crystal display provides full control over the set run time and rotational speed. The rotational speed can be set/viewed in rpm or rcf and acceleration/deceleration levels can be easily adjusted in the advanced settings mode.

To ensure safety, the digital microprocessor ensures that the lid has been closed and that the safety lid lock is engaged prior to starting a centrifugation cycle. In addition, an advanced imbalance detection system constantly monitors the balance and vibration, automatically bringing the rotor to a stop if an imbalance is detected.

Technical Data:

	LC-8	LC-8 Plus
Speed Range:	400 - 3,500rpm (1500xg)	400 - 5,000rpm (3070xg)
Capacity:	8 x 15ml	8 x 15ml
Accel/Decel:	9 sec. / 25 sec.	19 sec. / 39 sec.
Increment:	100 rpm increments	
Timer:	20 sec. to 99 min.	
Momentary:	Yes	
Dimensions: (W x D x H)	11.6 x 14.4 x 8.3 in. 29.5 x 36.5 x 21 cm	
Weight:	15 lbs / 6.8 kg	
Electrical:	115 or 230V, 50-60 Hz, 150W	
Warranty:	2 years	

Ordering Information:

Item No.	Description:
C3100*	LC-8 Centrifuge with 8 x 15ml rotor (maximum speed: 3,500rpm / 1,500xg)
C3200*	LC-8 Plus Centrifuge with 8 x 15ml rotor (maximum speed: 5,000rpm / 3,070xg)
C3100-ADP	Optional adapters for 5ml & 7ml blood collection/culture tubes, 8/pk
C3100-130RS	Optional adapters for 130mm tall blood collection/lture tubes, 8/pk
C2570	Optional adapters for 5ml centrifuge tubes, 4/pk

*115V with US plug. For 230V (EU plug), please add (-E).

21,631
RCF

HERMLE™
Z216-M Series High Speed Microcentrifuges



CE

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



44 X 1.5/2.0ml
Z216-4420



12 X 5ml conical
Z216-1205



COMBI-Rotor™
24 x 1.5/2.0ml and 4 x PCR
Z216-2420S



Holds both 1.5/2.0ml and PCR tubes!

Compact, quiet, and powerful are just a few of the features found on the Z216 Series Microcentrifuges. Add to this, the versatility of eight available rotor options, and the result is the ideal microcentrifuge for the modern molecular biology laboratory.

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 adjust accel/decel rates, and change the end of run alarm tone.

Despite a remarkably small footprint, the Z216 series offers high output with a uniquely designed 44 x 1.5ml dual row rotor, nearly doubling the capacity when compared to traditional microcentrifuges. A unique COMBI-Rotor™ for 24 x 1.5/2.0ml and 4 x PCR strips is also available, featuring our new Quick-Seal™ biocontainment lid that opens and locks with only a quarter turn.

In the Z216-MK model, a powerful, compressor driven cooling system maintains temperatures as low as -20°C and is designed to reach 4°C (from room temperature) in less than 10 minutes.

Technical Data:

Speed Range:	200 to 15,000 rpm (up to 21,631xg)
Max. Capacity:	44 x 1.5/2.0ml 4 x PCR Strips (32 x 0.2ml)
Speed Increment:	10 rpm or 10 rcf
Timer:	10 sec. to 99h 99 min. / cont.
Temp. Range	-20°C to 40°C (Z216-MK)
Momentary:	Yes
Dimensions: (W x D x H)	11 x 15.3 x 11.4 in. 11 x 21.6 x 11.4 in. (Z216-MK)
Weight:	37.4 lbs / 17 kg 77 lbs / 35 kg (Z216-MK)
Electrical:	115 or 230V, 50-60 Hz, 280W (Z216-MK: 560W)
Warranty:	5 years

Ordering Information:

Item No.	Description:
Z216-M*	Z216-M High Speed Microcentrifuge
Z216-MK*	Z216-MK Refrigerated High Speed Microcentrifuge
Z216-2420	Rotor, 24 x 1.5/2.0ml
Z216-2420S	NEW! COMBI-rotor with Quick-Seal biocontainment lid for 24 x 1.5/2.0ml and 4 x PCR Strips
Z216-4420	Rotor, 44 x 1.5/2.0ml
Z216-3020H	Rotor, 30 x 1.5/2.0ml with hermetically sealed lid
Z216-3202	Rotor, 4 x PCR Strips (32 x 0.2ml tubes)
Z216-6405	Rotor, 64 x 0.5ml
Z216-1205	Rotor, 12 x 5ml centrifuge tubes
Z216-24HEM	Rotor, hematocrit, 24 x capillary
More rotors available	Visit www.hermleusa.com for a complete listing

*115V with US plug. For 230V (EU plug), please add (-E).