



PRODUCT BROCHURE · BENCHMARK SCIENTIFIC

C3100 (LC 8 Series) Brochure

6 models inside · Life Science · Centrifuge Accessories



QUICK VIEW — SERIES AT A GLANCE

6 models in this document from Benchmark Scientific. Full specifications inside.

MODELS IN THIS DOCUMENT

C3100-E · C3100-130RS · C3100-RG ·
C3100-GROUP · C3100 · C3100-ADP

SHIP WEIGHT

15–23 lb

VOLTAGE

115 V or 230 V, 50–60 Hz (discrete variants)

SOURCING

Authorized U.S. distributor

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours





- + **Digital Speed Control**
Up to 5,000rpm with automatic rcf conversion
- + **Safety lid-lock**
Prevents opening the lid until the rotor comes to a complete stop
- + **Unique air flow design**
reduces increase in sample temperature
- + **8 tube capacity**
Eight position rotor accepts tubes ranging from 5ml to 15ml



15ml Conical
Centrifuge Tubes



15ml Blood
Collection Tubes



10ml Blood
Collection Tubes



5-7ml Blood
Collection Tubes*

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:	400 - 3500rpm (1500xg)	400 - 5000rpm (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:	11.6 x 14.4 x 8.3 in. 29.5 x 36.5 x 21 cm	
Weight:	15 lbs / 6.8 kg	
Electrical:	115V, 50Hz or 230V, 60Hz	

Ordering Information:

C3100*	LC-8 Centrifuge with 8 x 15ml rotor (maximum speed: 3500rpm / 1500xg)
C3200	LC-8 Plus Centrifuge with 8 x 15ml rotor (maximum speed: 5000rpm / 3070xg)
C3100-ADP	Optional adapters for 5ml & 7ml blood collection/culture tubes, 8/pk
C2570	Optional adapters for 5ml centrifuge tubes, 4/pk

*115V with US plug. To order in 230V, add (-E) to the item number.

Benchmark
Scientific

Benchmark Scientific Inc.
PO Box 709 Edison, NJ 08818
Phone: 908-769-5555 Fax: 732-313-7007
Web: www.BenchmarkScientific.com
Email: Info@BenchmarkScientific.com