

LC-8

Laboratory Centrifuges



- + **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



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.

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