



Multipurpose Lab Centrifuge, 4500RPM Max

Code 665-113



Multipurpose Lab Centrifuge, 4500RPM Max

Westlab's Multipurpose Laboratory Centrifuge is equipped with a maintenance-free BLDC motor drive and a large LED display for efficient operation. The Intuitive interface allows for the quick and easy setting of parameters without compromising on convenience.

With the capability to deliver up to 4500 RPM for all compatible rotors, the centrifuge's speed can be programmed by RPM or RCF mode. The short spin property allows for ultra-fast short centrifugation and pelleting. The adjustable timer setting allows the user to set the timer from 1 to 99 minutes with an infinite mode. For added convenience, the one touch toggle feature allows the user to toggle between RCF and RPM modes with just a touch of a button.

The centrifuge's microprocessor control enables quick and easy programming in addition to its enhanced performance and efficiency. Featuring nine acceleration and nine deceleration modes for a customised operation, the unit can halt and resume operations without disturbing fragile samples. To protect the samples further, the centrifuge's intelligently designed airflow system ensures that the temperature of the specimens does not rise significantly.

For the operator's safety, the centrifuge includes an emergency lid release for during a power outage. Once the power has been restored, the last run memory attribute will restore operation. Additionally, a lid lock safety feature ensures that the lid of the unit cannot be opened while the rotor is still running.

Ideal for use in laboratories to separate particles from liquid suspension according to their density. The different biological substances that are usually separated by centrifugation are cells, mammalian cells, organelles, etc.

PRODUCT CODE

665-113

Australia

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Canada

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New Zealand

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United States

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Product Features

- High Performance BLDC Maintenance-Free Motor Drive
- Stainless Steel Rotor Design for Corrosion Resistance
- Electronic Imbalance Detection Safety Feature
- Emergency Lid Release Safety Feature
- Compact Lightweight Design
- Last Run Memory Feature
- Lid Lock Safety Feature
- Microprocessor Control
- Ultra-Quiet Operation
- RCF or RPM Mode

Product Specifications

Motor Type	Brushless DC Motor
Display	Large LED display
Maximum Rotor Capacity	4 x 100ml
Maximum Speed RPM/RCF [g]	4500 RPM/g varies per rotor
Speed Setting Range	500 to 4500 RPM, Step of 100 RPM
Speed Accuracy	± 100 RPM
Time Setting Range	1 to 99 minutes and infinite mode
Minimum Acceleration Time	30 seconds
Minimum Deceleration Time	30 seconds
Remote Operation	Yes, operate and save log via USB
Programmable Feature	Save and run up to 99 programs
Imbalance Detection	Yes
Ambient Temperature	5°C to 40°C
Permissible Relative Moisture	< 80%
Input Power	230 V
Power Consumption	460 W
Noise Level	< 65 dB
Unit Dimensions	595mm W x 436mm D x 311mm H
Unit Weight	23kg [no rotors]

Accessories

- Power cord
- T-Allen key
- User manual



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Optional Attachments

Code	LC01-L30-127	
Rotor Type	Swing Out Rotor	
Capacity	8 x 15ml	
RCF	3,440 g	

Code	LC01-L30-129	
Rotor Type	Swing Out Rotor	
Capacity	4 x 50ml	
RCF	3,485 g	

Code	LC01-L30-130	
Rotor Type	Swing Out Rotor	
Capacity	4 x 100ml	
RCF	3,164 g	

Code	LC01-L30-135	
Rotor Type	Swing Out Rotor	
Capacity	4 x 50ml	
RCF	2,644 g	

Ordering Information

Code	Description
665-113	Multipurpose Lab Centrifuge, 4500RPM Max
LC01-L30-127	Swing Out Rotor, 8 x 15ml
LC01-L30-129	Swing Out Rotor, 4 x 50ml
LC01-L30-130	Swing Out Rotor, 4 x 100ml, Lidded
LC01-L30-135	Fixed Angle Rotor, 4 x 50ml

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