



Mini Centrifuge

Labocon Systems Limited

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www.labocon.com

Mini Centrifuge LMC-100 Series

Labocon Mini Centrifuge LMC-100 Series is compact, easy-to-operate table top centrifuge used for a wide range of molecular biology separations and quick spins.

Its variable speed allows you to set your desired parameters and those can be adjusted during operation.

Features:

- It is equipped with a maintenance free brushless motor.
- Quick acceleration and deceleration reduces the processing time.
- Works with the lowest sound.
- It is known for its durability and reliability.

Application:

Labocon Mini Centrifuge is widely used for applications in PCR, micro-volume protocols like nucleic acid or protein lysate preparation, separation of biological products or blood samples in biotechnology, biochemistry, blood bank, pharmaceuticals, food and environmental protection.

Mini Centrifuge LMC-100 Series

Technical Specifications:

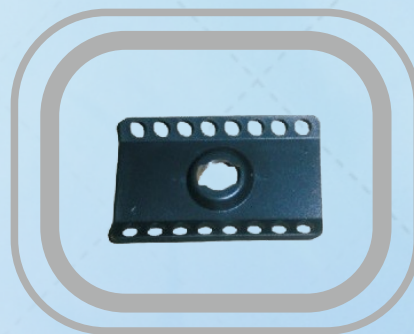
Model No.	LMC-101	LMC-102	LMC-103
Max. Speed (RPM)	7000	10000	16000
Max. RCF (x g)	2000	4000	17800
Max. Capacity	6*1.5 ml		8*5ml
Ambient Temperature	+15°C		
Speed Accuracy	±30 rpm		±50 rpm
Speed Control	-	-	0-16000 rpm
Set Speed (increments)	-	-	50 rpm
Timer range	-	-	0-99 min
Set Time (increments)	-	-	1 min
Control System	Microprocessor		
Program Memory	-	-	1
Display	-	-	Digital
Motor (DC/ Brushless)	Brushless DC Motor		
Acceleration/ Deacceleration Rate	-	-	9
Noise Level	≤ 45dB		≤ 65dB
Power Supply	AC 220V 50Hz	AC 220V 50Hz	AC 220V & 110V 50Hz
Power Consumption	15 W		150 W
Gross Weight	About 1 kg		10 kg
Net Weight	About 1 kg		15 kg

Mini Centrifuge LMC-100 Series

Dimensions (W x D x H) Exterior	130*150*130 mm		330*220*210 mm
Packing Dimensions (W x D x H)	190*190*150 mm		490*385*320 mm
Catalog No.	9139101541	9139102541	9139103541



6x1.5 ml Rotor



8x0.2ml Collecting
Pipe Rotor



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Mini Centrifuge LMC-200 Series

Labocon Mini Centrifuge LMC-200 Series is compact, easy-to-operate table top centrifuge for a wide range of molecular biology separations and quick spins. Variable speed allows you to set your desired parameter and adjust during operation.

Features:

For Mini Centrifuge LMC-201:

- Compact design with electronic lock features.
- UV and flame-retardant composite material ensures high quality.
- Acceleration and deceleration time less than 18 sec.
- LCD screen displays time and speed of operation.
- Micro brushless DC motor provides quiet, maintenance-free operation.
- High strength, autoclavable aluminium alloy rotors.
- Triple flip switch function opens the lid automatically at the end of the run to prevent sample warming and allow easy access to samples.
- Optimized air flow minimizes sample warming and protects temperature-sensitive samples.

For Mini Centrifuge LMC 202:

- Compact design with small footprint.
- UV and flame-retardant composite material ensures high quality.
- Acceleration and deceleration time less than 24 sec.
- Rotor lid "clicks" into its place ensuring samples are contained in their place securely.
- PPSU lids with improved rotor strength and chemical resistance.
- LCD screen displays time and speed of operation.
- Intuitive controls and easy to read display simplifies operation.
- Micro brushless DC motor provides quiet, maintenance-free operation.
- Triple flip switch function opens the lid automatically at the end of the run to prevent sample warming and allow easy access to samples.
- Optimized air flow minimizes sample warming and protects temperature-sensitive samples.

Applications:

Labocon Mini Centrifuge is widely used for applications in PCR, micro-volume protocols like nucleic acid or protein lysate preparation, separation of biological products and blood sample in biotechnology, biochemistry, blood bank, pharmaceuticals, food and environmental protection.

Mini Centrifuge LMC-200 Series

Technical Specifications:

Model	LMC-201	LMC-202
Max. RPM	14800	14800
Max. RCF	14500	16160
Max. Capacity (No. of tubes x Vol.)	12x1.5ml/0.5ml/0.2ml	24x1.5/2.0ml
Speed Increment	100 rpm	
Display	LCD	
Timer Range	15 sec – 99 min	1 – 99min
Noise Level	≤ 56 dB	
Overall Dimension	245x240x120 mm	225x335x265 mm
Power	85 W	95 W
Power Supply	220 V, 60 Hz	
Weight (Net/Gross)	5/6 kg	9/12kg
Catalog No.	9139201487	9139202487

LABOCON



LMC-101

MICRO REFRIGERATED CENTRIFUGE

LMCR-101



Description

LMC-101 and LMCR-101 high speed centrifuge with 24-place capacity rotors are the new designed for the laboratory centrifuge. Their speed of up to 15,000rpm (21,400 x g) allows for all molecular biology applications in 0.2 ml, 0.5 ml, 1.5/2.0 ml and PCR tubes. Both models have the softbrake function to protect sensitive samples.



Features

- Max. rotor capacity: 24 x 1.5/2.0ml vessels.
- Max. speed: 15,000rpm (21,400 x g).
- Soft-brake function to protect sensitive samples.
- LCD display with time, speed, and RCF.
- Separate short-spin key for quick centrifugation.
- Automatic lid opening at the end of the run - prevents sample warming and allows easy access to samples (only for LMC-101).
- Three different autoclavable rotors.

Specification

Model	LMC-101
Max. Capacity	24x1.5/2.0 ml tube rotor
Speed	500 rpm ~ 15000 rpm
Max. RCF	21400x g
Acc./Dec. time	15s
Timer	1s to 99min59s
Soft Brake	45s
Noise level	62dB
Power	350W
Dimensions (W x D xH)	267 x 410 x 225 mm
Weight	14 kg



LCD Display

Description

LMC-101 and LMCR-101 high speed centrifuge with 24-place capacity rotors are the new designed for the laboratory centrifuge. Their speed of up to 15,000rpm (21,400 x g) allows for all molecular biology applications in 0.2 ml, 0.5 ml, 1.5/2.0 ml and PCR tubes. Both models have the soft brake function to protect sensitive samples.

Refrigerated Centrifuge LMCR-101 features state of the cooling function to ensure energy efficiency and high temperature accuracy for maximum



Features

- Max. rotor capacity: 24 x 1.5/2.0ml vessels.
- Max. speed: 15,000rpm (21,400 x g).
- Soft-brake function to protect sensitive samples.
- LCD display with time, speed, and RCF.
- Separate short-spin key for quick centrifugation.
- Automatic lid opening at the end of the run - prevents sample warming and allows easy access to samples (only for LMC-101).
- Three different autoclavable rotors.
- Temperature range from -10°C to +40°C.
- Fast Temperature function for quick pre-cooling of the centrifuge.



Specification

Model	LMCR-101
Max. Capacity	24x1.5/2.0 ml tube rotor
Speed	500 rpm ~ 15000 rpm
Max. RCF	21400x g
Acc./Dec. time	15s
Temp.	-10°C ~ +40°C
Soft Brake	45s
Noise level	62dB
Power	500W
Dimensions (W x D x H)	300 x 500 x 320 mm
Weight	28 kg



LCD Display



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