



CENTRIFUGE



BENCHTOP HIGH SPEED CENTRIFUGE LBHC-100 SERIES

Labocon Benchtop High Speed Centrifuge LBHC-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- High quality Stainless Steel chamber
- Durable ABS housing resists chemical spills and limits noise
- Microcomputer controlled programmable operation with touch panel
- LED screen displays set and run conditions for easy monitoring
- Real-time conversion of RPM/RCF
- Automatic storage of working data
- Dependable performance that maximizes your productivity
- Minimize sample disturbance during bucket loading and unloading
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection



LBHC-101



LBHC-101 SERIES

Application

Labocon Benchtop High Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and a variety of separation needs in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LBHC-101	LBHC-102	LBHC-103	LBHC-104
Max. RPM	16000	16000	18500	16500
Max. RCF	23669xg	17800xg	23797xg	18930xg
Max. Capacity (No. of tubes x Vol.)	6x50 ml	10x5ml	4x100ml	
Speed Increment	±10 r/min			
Acceleration/ Deceleration	9/9			
Control	Microcomputer			
Display	LED			
Program	6 user programs	3 user programs	8 user programs	
Timer Range	0-99 min			
Noise Level	<65dB(A)			
Overall Dimension (L×W×H)	330x420x275 mm	230x310x240 mm	330x420x275 mm	
Power	370 W	90 W	370 W	
Power Supply	220 V, 60 Hz			
Weight	18/20 kg	10/12 kg	18/20 kg	
Catalog No.	9481123561	9481124561	9481125561	9481126561

Rotors for LBHC-101

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x1.5ml/2.2ml	16000	17800g
AR-2	24x1.5ml/2.2ml	13200	16110g
AR-3	10x5ml	13000	11400g
AR-4	12x10ml	12000	14800g
AR-5	8x15ml	12000	14800g
AR-6	36/48x0.5ml	16000	23669g
AR-7	6x50 ml	12000	14700g

Rotors for LBHC-102

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x1.5ml/2.2ml	16000	17800g
AR-2	10x5ml	13000	11400g
AR-3	18x1.5ml/2.2ml	13200	16110g

Rotors for LBHC-103 & LBHC-104

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x1.5ml/2.2ml	18500	23797g
AR-2	24x1.5ml/2.2ml	16500	18930g
AR-3	10x5ml	13000	11400g
AR-4	12x10ml	12000	14800g
AR-5	8x15ml	12000	14800g
AR-6	6x50ml	12000	13000g
AR-7	4x100ml	12000	13000g
AR-8	24x1.5ml/2.2ml	13200	16110g
AR-9	36/48x0.5ml	16000	23669g
<i>Swing Rotor:</i>			
SR-1	4x10ml	6000	3200g
<i>Swing Microplate Rotor:</i>			
SMR-1	2x48well	3000	1400g

BENCHTOP HIGH SPEED CENTRIFUGE LBHC-200 SERIES

Labocon Benchtop High Speed Centrifuge LBHC-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Acceleration/Deceleration takes around 30 sec to 1 min
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- Dedicated key indicating centrifugal force
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection



LBHC-201



LBHC-201

Application

Labocon Benchtop High Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and a variety of separation needs in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LBHC-201	LBHC-202	LBHC-203	LBHC-204
Max. RPM	12000	16500	16500	18500
Max. RCF	13800xg	18780xg	18780xg	23610xg
Max. Capacity (No. of tubes x Vol.)	6x50ml	12x10 ml	6x50ml	
Speed Increment	±50 r/min			
Acceleration/ Deceleration	10/10			
Control	Microcomputer			
Display	LCD			
Program	20 user programs			
Timer range	0-99h 59min			
Noise Level	<65dB(A)			
Overall Dimension (L×W×H)	500x440x330 mm	380x260x310 mm	500x440x330 mm	
Power	350 W			
Power Supply	220 V, 60 Hz			
Weight	35/42 kg	17/30 kg	35/42 kg	
Catalog No.	9481158248	9481159248	9481160248	9481161248

Rotors for LBHC-201

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×10ml	12000	18780g
AR-2	6x50ml	10000	17770g
AR-3	24×1.5/2.0ml	11000	18180g
<i>Capillary rotor:</i>			
CR-1	12 Capillary Tubes	12000	
CR-2	24 Capillary Tubes	12000	
CR-3	36 Capillary Tubes	12000	

Rotors for LBHC-202

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	16500	18780g
AR-2	18×1.5ml	15000	17770g
AR-3	24×1.5/2.0ml	14000	18180g
AR-4	10×5ml	14000	13520g
AR-5	8×7ml	14000	12340g
AR-6	12×10ml	12000	13400g

Rotors for LBHC-203

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	16500	18780g
AR-2	18×1.5ml	15000	17770g
AR-3	24×1.5/2.0ml	14000	18180g
AR-4	10×5ml	13500	12570g
AR-5	8×15ml	13500	11480g
AR-6	12 × 10ml/5ml	12000	13400g
AR-7	6×50ml	11000	11610g
AR-8	6×50ml	6000	3460g
<i>Swing Rotor:</i>			
SR-1	12×10ml	4000	2330g
SR-2	2×2×48, 2×2×48holes	3000	1400g

Rotors for LBHC-204

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	18500	23610g
AR-2	18 × 1.5/0.5ml	15000	17770g
AR-3	24×1.5/2.0ml	14000	18180g
AR-4	10×5ml	13500	12570g
AR-5	8×15ml	13500	11480g
AR-6	12 × 10ml/5.0ml	12000	13400g
AR-7	6×50ml	11000	11610g
AR-8	6×50ml	6000	3460g
<i>Swing Rotor:</i>			
SR-1	12×10ml	4000	2330g
SR-2	2×2×48, 2×2×48holes	3000	1400g

BENCHTOP HIGH SPEED CENTRIFUGE LBHC-300 SERIES

Labocon Benchtop High Speed Centrifuge LBHC-300 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and aluminium alloy rotor for sustainable use
- Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force
- LCD widescreen displays set and run conditions for easy monitoring
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Built in electronic door lock and protection, Over speed protection, Over temperature protection.



LBHC-301

Application

Labocon Benchtop High Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and a variety of separation needs in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LBHC-301	LBHC-302	LBHC-303
Max. RPM	20000	22000	24000
Max. RCF	27800xg	34700xg	47800xg
Max. Capacity (No. of tubes x Vol.)	4×100ml		
Speed Increment	±50 r/min		
Acceleration/Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	10 user programs		
Timer range	0-99 min		
Noise Level	<65dB(A)		
Overall Dimension (L×W×H)	500x360x330 mm	500x360x330 mm	500x360x330 mm
Power			
Power Supply	220 V, 60 Hz		
Weight	35/55 kg		
Catalog No.	9481161164	9481162164	9481163164

Rotors for LBHC-301

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	20000	27800g
AR-2	8×5ml	13000	11400g
AR-3	12×10ml	12000	14800g
AR-4	24×1.5/2.2ml	15000	19970g
AR-5	48×0.5ml	13500	14800g
AR-6	36×1.5ml	13500	17000g
AR-7	6×50ml	13000	17940g
AR-8	4×100ml	1000	9800g
<i>Swing Rotor:</i>			
SR-1	2×2×48holes	4000	1400g

Rotors for LBHC-302

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	22000	34700g
AR-2	8×5ml	13000	11400g
AR-3	12×10ml	12000	14800g
AR-4	24×1.5/2.2ml	16000	23200g
AR-5	48×0.5ml	13500	14800g
AR-6	36×1.5ml	16000	24200g
AR-7	6×50ml	13000	16800g
AR-8	4×100ml	1000	9800g
<i>Swing Rotor:</i>			
SR-1	2×2×48holes	4000	1400g

Rotors for LBHC-303

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	24000	47800g
AR-2	8×5ml	16000	25600g
AR-3	12×10ml	15000	23200g
AR-4	24×1.5/2.2ml	16000	23200g
AR-5	48×0.5ml	13500	14800g
AR-6	36×1.5ml	16000	24200g
AR-7	6×50ml	13000	16800g
AR-8	4×100ml	1000	9800g
<i>Swing Rotor:</i>			
SR-1	2×2×48holes	3500	1760g

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE LBHCR-100 SERIES

Labocon Benchtop High Speed Refrigerated Centrifuge LBHCR-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- High quality Stainless Steel chamber
- Durable ABS housing resists chemical spills and limits noise
- Microcomputer controlled programmable operation with touch panel
- LCD screen displays set and run conditions for easy monitoring
- Real-time conversion of RPM/RCF
- Automatic storage of working data
- Dependable performance that maximizes your productivity
- Minimize sample disturbance during bucket loading and unloading
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Application

Labocon Benchtop High Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LBHCR-101	LBHCR-102	LBHCR-103
Max. RPM	16000	18000	20000
Max. RCF	17800g	23755g	27800g
Max. Capacity (No. of tubes x Vol.)	6x50ml	4X100ml, 6x50ml	
Temp. Range	-20°C to +40°C		
Temp. Accuracy	±1°C		
Speed Increment	±50 r/min		
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	7 user programs		
Timer Range	0-99 min		
Noise Level	≤60 dB (A)		
Overall Dimension	600×470×330 mm		
Weight	60/70 kg		
Power	450 W		
Power Supply	220 V, 60 Hz		
Catalog No.	9481164561	9481165561	9481166561

Rotors for LBHCR-101

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×1.5/2.2ml	16000	17800g
AR-2	24×1.5ml/2.2ml	13200	16110g
AR-3	10×5ml	13000	11400g
AR-4	12×10ml	12000	14300g
AR-5	6×50ml	11000	10950g
AR-6	4×10ml	6000	3200g
Swing Microplate Rotor:			
SMR-1	2×48 holes	3000	1400g

Rotors for LBHCR-102

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×1.5/2.2ml	18000	22530g
AR-2	24×1.5ml/2.2ml	16000	23755g
AR-3	10×5ml	13000	11400g
AR-4	12×10ml	13000	16760g
AR-5	4×100ml, 6×50ml	12000	13000g
Swing Rotor:			
SR-1	4×10ml	6000	3200g
Swing Microplate Rotor:			
SMR-1	2×48 holes	3000	1400g

Rotors for LBHCR-103

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×1.5/2.2ml	20000	27800g
AR-2	24×1.5ml/2.2ml	16000	23755g
AR-3	10×5ml	16000	17280g
AR-4	12×10ml	13000	16760g
AR-5	4×100ml, 6×50ml	12000	13000g
Swing Rotor:			
SR-1	4×10ml	6000	3200g
Swing Microplate Rotor:			
SMR-1	2×48 holes	3000	1400g

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE LBHCR-200 SERIES

Labocon Benchtop High Speed Refrigerated Centrifuge LBHCR-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and aluminium alloy rotor for sustainable use
- Speed and the centrifugal force can be step adjusted (10 RPM/10xg)
- Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force
- LCD widescreen displays set and run conditions for easy monitoring
- High quality CFC-free compressor with two cycle refrigeration and high accuracy of temperature
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Built in electronic door lock and protection, Over speed protection, Over temperature protection

Application

Labocon Benchtop High Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LBHCR-201	LBHCR-202	LBHCR-203
Max. RPM	16000	18000	20000
Max. RCF	17800g	23755g	27800g
Max. Capacity (No. of tubes x Vol.)	8x5ml	4x100ml	
Temp. Range	-20°C to +40°C		
Temp. Accuracy	±1°C		
Speed Increment	±20 r/min		
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	10 user programs		
Timer Range	0-99 min		
Noise Level	≤60 dB (A)		
Overall Dimension	310x450x330 mm	610x622x360 mm	610x622x360 mm
Weight	41/69 kg	85/105 kg	
Power			
Power Supply	220V, 60Hz		
Catalog No.	9481168164	9481169164	9481170164



LBHCR-201



LBHCR-201 SERIES

Specification

Model	LBHCR-204	LBHCR-205	LBHCR-206
Max. RPM	21000	22000	24000
Max. RCF	30642g	34700g	47800g
Max. Capacity (No. of tubes x Vol.)	4x750ml	4x100ml	4x100ml
Temp. Range	-20°C to +40°C		
Temp. Accuracy	±1°C		
Speed Increment	±20 r/min		±30 r/min
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	10 user programs		
Timer Range	0-99 min		0-23h 59min
Noise Level	≤60 dB (A)		≤65 dB (A)
Overall Dimension	610x622x360 mm	610x622x360 mm	710x820x1200 mm
Weight	85/105 kg		
Power			
Power Supply	220V, 60Hz		
Catalog No.	9481171164	9481172164	9481173164

Rotors for LBHCR-201

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.2ml	16000	17800g
AR-2	18×0.2/0.5ml	16000	17800g
AR-3	8×5ml	16000	11400g

Rotors for LBHCR-202

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.2ml	18000	97800g
AR-2	24×1.5/2.2ml	13500	17000g
AR-3	8×5ml	13000	11400g
AR-4	12×10ml	12000	14800g
AR-5	6×50ml	11000	12000g
AR-6	4×50ml	12000	13900g
AR-7	4×100ml	10000	9680g
AR-8	36×1.5ml	13500	17800g
AR-9	48×0.5ml	13000	12810g
<i>Swing Microplate Rotor:</i>			
SMR-1	2x2×48 holes	4000	1400g

Rotors for LBHCR-203

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×1.5/2ml	20000	47800g
AR-2	10x5ml	14000	13200g
AR-3	12x10ml	13000	17300g
AR-4	6x50ml	12000	14200g
AR-5	24x1.5/2ml	13500	17000g
AR-6	4x50ml	14000	19030g
AR-7	4x100ml	10000	9690g
AR-8	36x1.5ml	13500	17800g
AR-9	6x10ml	16000	19400g
Swing Microplate Rotor:			
SMR-1	2x2×48 holes	4000	1400g

Rotors for LBHCR-204

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×1.5/2.2ml	21000	30642g
AR-2	10x5ml	16500	18360g
AR-3	12x10ml	15000	23120g
AR-4	6x30ml	15000	23120g
AR-5	6x30ml	13000	17940g
Swing Rotor:			
SR-1	4x750ml	4000	3500g

Rotors for LBHCR-205

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12x1.5/2.2ml	22000	47800g
AR-2	10x5ml	16000	17280g
AR-3	12x10ml	14000	23120g
AR-4	6x50ml	13000	16760g
AR-5	24x1.5/2.2ml	13500	17000g
AR-6	4x50ml	14000	19030g
AR-7	4x100ml	10000	9690g
AR-8	36x1.5ml	13500	17800g
AR-9	6x10ml	16000	19400g
AR-10	6x30ml	13000	17000g
Swing Rotor:			
SR-1	4x10ml	6000	3200g
Swing Microplate Rotor:			
SMR-1	2x2x48holes	3000	1400g

Rotors for LBHCR-206

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12x1.5/2.2ml	24000	47800g
AR-2	10x5ml	16000	17280g
AR-3	12x10ml	14000	23120g
AR-4	6x50ml	13000	16760g
AR-5	24x1.5/2.2ml	13500	17000g
AR-6	4x50ml	14000	19030g
AR-7	4x100ml	10000	9690g
AR-8	36x1.5ml	13500	17800g
Swing Microplate Rotor:			
SMR-1	2x2x48holes	4000	1400g

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE LBHCR-300 SERIES

Labocon Benchtop High Speed Refrigerated Centrifuge LBHCR-300 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Acceleration/Deceleration takes around 30 sec to 1 min
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Special driver module ensures circuit's reliability
- High quality fluoride-free refrigeration compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise
- Multiple layers of shock absorbers with auto balancing function
- Dedicated key indicating centrifugal force
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Application

Labocon Benchtop High Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LBHCR-301	LBHCR-302	LBHCR-303	LBHCR-304	LBHCR-305
Max. RPM	12000	20000	16500	16800	16000
Max. RCF	12300xg	27700xg	18780xg	19600xg	17700xg
Max. Capacity (No. of tubes x Vol.)	4 x 100 ml	4×100 ml	24×1.5/2.0 ml	4 x 100 ml	4×100 ml
Temp. Range	-20°C to 40°C				
Temp. Accuracy	±1°C				
Speed Increment	±50r/min				
Acceleration/ Deceleration	10/10	9/9	10/10		9/9
Control	Microcomputer				
Display	LCD				
Program	10 user programs	20 user programs		10 user programs	20 user programs
Timer range	0-99 h 59 min				
Noise Level	≤65dB				
Overall Dimension	710×630×350 mm	710×630×350 mm	380×260×310 mm	710×630×350 mm	710×630×350 mm
Power	1500 W		450 W	1500 W	
Power Supply	220 V, 60 Hz				
Weight	75/95 kg		30/45 kg	75/95 kg	
Catalog No.	9481173248	9481174248	9481175248	9481176248	9481177248



Specification

Model	LBHCR-306	LBHCR-307	LBHCR-308	LBHCR-309	LBHCR-3010
Max. RPM	20600	20800	24000	26000	30000
Max. RCF	29400xg	30000xg	39900xg	46900xg	62400xg
Max. Capacity (No. of tubes x Vol.)	4 x 300 ml	4 x 100 ml			
Temp. Range	-20°C to 40°C				
Temp. Accuracy	±1°C				
Speed Increment	±50r/min				
Acceleration/ Deceleration	10/10				
Control	Microcomputer				
Display	LCD				
Program	20 user programs	10 user programs			
Timer range	0-99 h 59 min				
Noise Level	≤65dB				
Overall Dimension	630×760×400 mm	710×630×350 mm			
Power	1800 W	1500 W			
Power Supply	220 V, 60 Hz				
Weight	110/130 kg	75/95 kg			
Catalog No.	9481178248	9481179248	9481180248	9481181248	9481182248

Rotors for LBHCR-301

Model No.	No. of tubes x Volume	RPM	RCF
<i>Angle Rotors:</i>			
AR-1	12×1.5/2.0ml	12000	10000g
AR-2	24×1.5/2.0ml	11500	12300g
AR-3	10×5ml	12000	10000g
AR-4	12×10ml/5ml	12000	13400g
AR-5	6×50ml	10000	9600g
AR-6	4×100ml	8000	6700g
<i>Swing Rotor:</i>			
SR-1	4×50ml	4000	2150g
SR-2	4×10ml	6000	3200g

Rotors for LBHCR-302

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	16000	17700 g
AR-2	10×5ml	13000	11700 g
AR-3	24×1.5/2.0ml	14000	18180 g
AR-4	12×10ml/5ml	12000	13400 g

Rotors for LBHCR-303

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12×1.5/2.0ml	16500	18780 g
AR-2	24×1.5/2.0ml	13500	17700 g

Rotors for LBHCR-304

Model No.	No. of tubes x Volume	RPM	RCF
Angle Rotors:			
AR-1	12×1.5/2.0ml	16800	19600g
AR-2	24×1.5/2.0ml	14000	18180g
AR-3	18×1.5ml	14000	13600g
AR-4	30×1.5ml	11000	12900g
AR-5	48×0.5ml	12000	13800g
AR-6	10×5ml	13000	11700g
AR-7	12×10ml/5ml	12000	13400g
AR-8	8×15ml	12000	14800g
AR-9	6×50ml	11000	11600g
AR-10	4×100ml	9000	8500g
Swing Rotor:			
SR-1	4×100ml	4000	2100g
SR-2	12×10ml	4000	2330g
SR-3	4×50ml	4000	2100g
SR-4	4×10ml	6000	3200g
Swing Microplate Rotor:			
SMR-1	2×2×48, 2×2×48 holes	3000	1400g

Rotors for LBHCR-305

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×1.5/2.0ml	20000	27700g
AR-2	10×5ml	16000	17700g
AR-3	24×1.5/2.0ml	14000	18180g
AR-4	12×10ml/5ml	12000	13400g
AR-6	6 x 50ml	12000	13800g
Swing Rotor:			
SR-1	12×10ml	4000	2330g
SR-2	4×10ml	6000	3200g
Swing Microplate Rotor:			
SMR-1	2×2×48, 2×2×48 holes	3000	1400g

Rotors for LBHCR-306

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12 x 1.5/2.0ml	20600	29400g
AR-2		24x1.5/2.0ml	14000	18180g
AR-3		12 × 10ml/5 ml	14000	18800g
AR-4		12 x 10ml	14000	18800g
AR-5		6 x 50ml	12000	13800g
AR-6		4x100ml	10000	10500g
AR-7		6x100ml	11000	14520g
Swing Rotor:				
SR-1		4x50ml	5000	4600g
SR-2		4x100ml	5000	4800g
SR-3		8x50ml	4000	2810g
SR-4		32x15ml	4000	2810g
SR-5		32x10ml	4000	2810g
SR-6		48x5ml/2ml	4000	2950g
SR-7		76x5ml/2ml	4000	3100g
SR-8		4x250 ml	4000	3290g
Adapter	AD1-SR-8	8x50ml	4000	3290g
	AD2- SR-8	4x6x15ml		
	AD3- SR-8	4x8x10ml		
	AD4- SR-8	4x10x5ml		
Swing Elisa Plate Rotor:				
SMR-1		2x2x96, 2x2x96 holes	4000	2360g

Rotors for LBHCR-307

Model No.	No. of tubes x Volume	RPM	RCF
Angle Rotors:			
AR-1	12×1.5/2.0ml	20800	30000g
AR-2	24×1.5/2.0ml	14000	18180g
AR-3	18×1.5ml	16000	17700g
AR-4	30×1.5ml	12000	15300g
AR-5	48×0.5ml	13800	16300g
AR-6	10×5ml	16000	17700g
AR-7	12×10ml/5ml	14000	18800g
AR-8	8×15ml	12000	14800g
AR-9	6×50ml	12000	13800g
AR-10	4×100ml	10000	10500g
Swing Rotor:			
SR-1	4×100ml	4000	2100g
SR-2	12×10ml	4000	2330g
SR-3	4×50ml	4000	2150g
SR-4	4×10ml	6000	3200g
Swing Microplate Rotor:			
SMR-5	2×2×48, 2×2×48 holes	3000	1400g

Rotors for LBHCR-308

Model No.	No. of tubes x Volume	RPM	RCF
<i>Angle Rotors:</i>			
AR-1	12×1.5/2.0ml	24000	39900g
AR-2	24×1.5/2.0ml	16000	23800g
AR-3	18×1.5ml	16000	17700g
AR-4	30×1.5ml	12000	15300g
AR-5	48×0.5ml	13500	17500g
AR-6	10×5ml	20000	27700g
AR-7	12×10ml/5ml	15000	21600g
AR-8	8×15ml	12000	14800g
AR-9	6×50ml	12000	13800g
AR-10	4×100ml	11000	11720g
<i>Swing Rotor:</i>			
SR-1	4×100ml	4000	2140g
SR-2	12×10ml	4000	2330g
SR-3	4×50ml	4000	2150g
SR-4	4×10ml	6000	3200g
<i>Swing Microplate Rotor:</i>			
SMR-1	2×2×48, 2×2×48 holes	3000	1400g

Rotors for LBHCR-309

Model No.	No. of tubes x Volume	RPM	RCF
<i>Angle Rotors:</i>			
AR-1	12×1.5/2.0ml	26000	46900g
AR-2	10×5 ml	22000	33600g

Rotors for LBHCR-3010

Model No.	No. of tubes x Volume	RPM	RCF
<i>Angle Rotors:</i>			
AR-1	4×1.5/2.0 ml	30000	62400g

FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE LFHCR-100 SERIES

Labocon Floor Type Low Speed Refrigerated Centrifuge LFHCR-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Stainless Steel interior and exterior made up of anticorrosive ABS material
- Microcomputer controlled with programmable operation
- LCD/LED screen displays set and run conditions for easy monitoring
- Real-time conversion of RPM/RCF
- Dual temperature control
- Automatic storage of working data
- Dependable performance that maximizes your productivity
- Minimize sample disturbance during bucket loading and unloading
- Refrigerant: CFC-free R404a
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Application

Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LFHCR-101	LFHCR-102	LFHCR-103
Max. RPM	12000	20000	20500
Max. RCF	19830xg	27800xg	29200xg
Max. Capacity (No. of tubes x Vol.)	4x2000ml	4x250ml	4x270 ml
Temp. Range	-20°C to 40°C		
Temp. Accuracy	±1°C		
Speed Increment	±50r/min		
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD	LED	LCD
Program	4 user programs	7 user programs	11 user programs
Timer range	0-99 h 59 min		
Noise Level	≤65dB		
Overall Dimension (L×W×H)	710×840×1200 mm	620×710×1100 mm	620×710×1100 mm
Power	3000 W	1500 W	
Power Supply	220 V, 60 Hz		
Weight	280/300 kg		
Catalog No.	9481183561	9481184561	9481185561



LFHCR-101



LFHCR-101 SERIES

Specification

Model	LFHCR-104	LFHCR-105	LFHCR-106
Max. RPM	21000	22000	25000
Max. RCF	50400xg	52000xg	64983xg
Max. Capacity (No. of tubes x Vol.)	6x600ml	6x600ml	4x1000 ml
Temp. Range	-20°C to 40°C		
Temp. Accuracy	±1°C		
Speed Increment	±50r/min		
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	24 user programs		12 user programs
Timer range	0-99 h 59 min		
Noise Level	≤65dB		
Overall Dimension (L×W×H)	710×840×1200mm	710×840×1200mm	710×840×1200mm
Power	4000 W		
Power Supply	220 V, 60 Hz		
Weight	280/300 kg		
Catalog No.	9481186561	9481187561	9481188561

Rotors for LFHCR-101

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	8x100ml	12000	19830g
AR-2	6x1000ml	7000	11600g
AR-3	4x2000ml	6000	8410g
AR-4	6x500ml	8000	11620g

Rotors for LFHCR-102

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	24x1.5ml/2.2ml; 10x5ml	16000	23755g
AR-2	1.5ml/2.2mlx12	20000	27800g
AR-3	10x5ml	16000	17280g
AR-4	12x10ml	13000	16760g
AR-5	6x50ml, 4x100ml	12000	13000g
<i>Swing Rotor:</i>			
SR-1	4x250ml	5000	5030g
SR-2	8x50ml, 32x15ml	5000	5030g
<i>Swing Microplate Rotor:</i>			
SMR-1	4x96 well	4000	2236g

Rotors for LFHCR-103

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12x1.5ml/2.2ml	20500	29200g
AR-2		6x30ml	13500	17950g
AR-3		12x10ml	15000	23120g
AR-4		6x50ml	13000	17940g
AR-5		24x1.5ml/2.2ml	16500	24890g
AR-6		6x85ml	12000	15805g
AR-7		4x1000ml	11000	11720g
Swing Rotor:				
SR-1		4x750ml	4000	3500g
Adapter	A1-SR-1	4X300ml	4000	3500g
	A2-SR-1	12x4x15ml		
	A3-SR-1	16x4x10ml		
	A4-SR-1	4x4x50ml		
SR-2		4 Buckets	4000	3040g
Adapter	A1-SR-2	112x5ml	4000	3040g
	A2-SR-2	100x1.5ml		
	A3-SR-2	80x10ml		
	A4-SR-2	40x15ml (Round tube)		
	A5-SR-2	40x15ml (Conical tube)		
	A6-SR-2	16x50ml (Round tube)		
	A7-SR-2	16x50ml (Conical tube)		
SR-3		4X500ml	4000	3040g
Swing Microplate Rotor:				
SMR-1		2x2x96 well	4000	2200g

Rotors for LFHCR-104

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	36x1.5ml/2.2ml 16x10ml/5ml	21000	50400g
AR-2	12x20ml	16500	31100g
AR-3	18x10ml	21000	50400g
AR-4	8x50ml	18000	35047g
AR-5	6x70ml	15000	25700g
AR-6	6x300ml	11000	19650g
AR-7	6x500ml	9000	14400g
AR-8	6x50ml	20000	43000g
AR-9	8x100ml	14000	26952g
AR-10	6x250ml	12000	22470g
AR-11	32x15ml	16000	30940g
AR-12	6x600ml	7000	9100g
Swing Rotor:			
SR-1	4x750ml	5000	3040g
SR-2	4x50ml	5000	4390g
SR-3	8x50ml	5000	4360g
SR-4	32x15ml	5000	4390g
SR-5	96x100ml	5000	4390g
SR-6	72x15ml	5000	4390g
SR-7	20x50ml	5000	4390g
Continuous Flow Rotor:			
CFR-1	1000ml (Aluminum Alloy)	14000	21500g
CFR-2	1000ml (Stainless Steel)	14000	21500g
CFR-3	3000ml (Aluminum Alloy)	8000	9500g
CFR-4	3000ml (Stainless Steel)	8000	9500g
CFR-5	1000ml (Titanium Alloy)	16000	28100g
CFR-6	3000ml (Titanium Alloy)	10000	14800g
Swing Microplate Rotor:			
SMR-1	2x2x96 well	4000	2200g

Rotors for LFHCR-105

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	36x1.5ml/2.2ml 16x10ml/5ml	22000	50400g
AR-2	12x20ml	16500	31100g
AR-3	18x10ml	21000	50400g
AR-4	8x50ml	18000	35047g
AR-5	6x70ml	15000	25700g
AR-6	6x300ml	11000	19650g
AR-7	6x500ml	9000	14400g
AR-8	6x50ml	20000	43000g
AR-9	8x100ml	14000	26952g
AR-10	6x250ml	12000	22470g
AR-11	32x15ml	16000	30940g
AR-12	6x600ml	7000	9100g
Swing Rotor:			
SR-1	4x750ml	5000	3040g
SR-2	4x50ml	5000	4390g
SR-3	8x50ml	5000	4360g
SR-4	32x15ml	5000	4390g
SR-5	96x100ml	5000	4390g
SR-6	72x15ml	5000	4390g
SR-7	20x50ml	5000	4390g
Continuous Flow Rotor:			
CFR-1	1000ml (Aluminum Alloy)	14000	21500g
CFR-2	1000ml (Stainless Steel)	14000	21500g
CFR-3	3000ml (Aluminum Alloy)	8000	9500g
CFR-4	3000ml (Stainless Steel)	8000	9500g
CFR-5	1000ml (Titanium Alloy)	16000	28100g
CFR-6	3000ml (Titanium Alloy)	10000	14800g
Swing Microplate Rotor:			
SMR-1	2x2x96 well	4000	2200g

Rotors for LFHCR-106

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	24x1.5ml/2.2ml; 10x5ml	25000	64983g
AR-2	16x10ml	23000	60900g
AR-3	8x50ml	18000	40930g
AR-4	6x250ml	14000	30200g
AR-5	6x500ml	10000	17800g
AR-6	4x1000ml	7000	9980g
Swing Rotor:			
SR-1	4x750ml	5000	5470g
Continuous flow rotor:			
CFR-1	1000ml (Stainless Steel)	14000	21500g
CFR-2	1000ml (Titanium Alloy)	16000	9500g
CFR-3	3000ml (Stainless Steel)	8000	9500g
CFR-4	3000ml (Titanium Alloy)	10000	14800g
Swing Microplate Rotor :			
SMR-1	8x96 well	4000	2236g

FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE LFHCR-200 SERIES

Labocon Floor Type Low Speed Refrigerated Centrifuge LFHCR-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and aluminium alloy rotor for sustainable use
- Speed and the centrifugal force can be step adjusted (10 RPM/10xg)
- Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force
- LCD widescreen with soft touch panel displays set and run conditions for easy monitoring
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- High quality compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Automatic Lock Cover, Over speed protection, Over temperature protection

Application

Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LFHCR-201	LFHCR-202	LFHCR-203	LFHCR-204	LFHCR-205
Max. RPM	10000	21000	22000	24000	26000
Max. RCF	13800xg	523560xg	53000xg	58500xg	75800xg
Max. Capacity (No. of tubes x Vol.)	3000ml	3000ml	3000ml	3000ml	3000ml
Temp. Range	-20°C to 40°C				
Temp. Accuracy	±1°C				
Speed Increment	±50r/min				
Acceleration/ Deceleration	9/9				
Control	Microcomputer				
Display	LCD				
Program	10 user programs				
Timer Range	0-23 h 59 min				
Noise Level	≤65dB				
Overall Dimension	710×840×1200 mm				
Power					
Power Supply	220 V, 60 Hz				
Weight	260/330 kg				
Catalog No.	9481189164	9481190164	9481191164	9481192164	9481193164



Rotors for LFHCR-201

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	6×300ml	10000	75800g
AR-2	6×500ml	8000	59250g
AR-3	4×1000ml	8000	48380g
AR-4	6×1000ml	7000	38600g
Swing Rotor:			
SR-1	4x1000ml	4000	4050g

Rotors for LFHCR-202

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12/16×10ml	21000	47400g
AR-2	6×50ml	20000	43000g
AR-3	8×50ml	18000	37600g
AR-4	6×70ml	15000	25500g
AR-5	4×300ml	14000	27610g
AR-6	6×250ml	14000	30200g
AR-7	8×100ml	12000	19800g
AR-8	6×300ml	12000	22470g
AR-9	6×500ml	10000	17800g
AR-10	4×1000ml	8000	12000g
Swing Rotor:			
SR-1	4x750ml	5000	5470g
SR-2	48×15/4×300ml	4500	4210g
Continuous flow rotor:			
CFR-1	1000ml	14000	21500g
CFR-2	1000ml	16000	9500g
CFR-3	3000ml	8000	9500g
CFR-4	3000ml	10000	14800g

Rotors for LFHCR-203

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12/16x10ml	21000	47400g
AR-2	6x50ml	20000	43000g
AR-3	8x50ml	18000	37600g
AR-4	6x70ml	15000	25500g
AR-5	4x300ml	14000	27610g
AR-6	6x250ml	14000	30200g
AR-7	8x100ml	12000	19800g
AR-8	6x300ml	12000	22470g
AR-9	6x500ml	10000	17800g
AR-10	4x1000ml	8000	12000g
Swing Rotor:			
SR-1	4x750ml	5000	5470g
SR-2	48x15/4x300ml	4500	4210g
Continuous flow rotor:			
CFR-1	1000ml	14000	21500g
CFR-2	1000ml	16000	9500g
CFR-3	3000ml	8000	9500g
CFR-4	3000ml	10000	14800g

Rotors for LFHCR-204

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	24×1.5/2ml	26000	75800g
AR-2	18×10ml	23000	59250g
AR-3	8×50ml	20000	48380g
AR-4	4×250ml	14000	38600g
<i>Continuous flow rotor:</i>			
CFR-1	1000ml	14000	21500g
CFR-2	1000ml	16000	28200g
CFR-3	3000ml	8000	9500g
CFR-4	3000ml	10000	14800g

Rotors for LFHCR-205

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	24×1.5/2ml	26000	75800g
AR-2	18×10ml	23000	59250g
AR-3	8×50ml	20000	48380g
AR-4	4×250ml	14000	38600g
<i>Continuous flow rotor:</i>			
CFR-1	1000ml	14000	21500g
CFR-2	1000ml	16000	28200g
CFR-3	3000ml	8000	9500g
CFR-4	3000ml	10000	14800g

FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE LFHCR-300 SERIES

Labocon Floor Type High Speed Refrigerated Centrifuge LFHCR-300 delivers higher level of performance for a dependable and reliable controlled in the research laboratories, medicine, and biology. It provides technical innovations optimize productivity in your laboratory work to improve results, save time, while providing a greater relative centrifugal force.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Special driver module ensures circuit's reliability
- High quality fluoride-free refrigeration compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise
- Acceleration/Deceleration takes around 30 sec to 1 min
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- Triple protective layers of steel bushings to achieve secure and reliable operation
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Can store 20 user programs which can be directly used by the user. The program previously used will be running when the machine is started.
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Built in electronic door lock and protection, Over speed protection, Over temperature protection.

Application

Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LFHCR-301	LFHCR-302	LFHCR-303	LFHCR-304
Max. RPM	20,000	20600	21,000	25000
Max. RCF	43840xg	29400xg	48330xg	64983xg
Max. Capacity (No. of tubes x Vol.)	6×500 ml	4x750ml	6×500 ml	4×1000 ml
Temp. Range	-20°C to +40°C			
Temp. Accuracy	±1°C			
Speed Increment	±50 r/min			
Acceleration/ Deceleration	10/10			
Control	Microcomputer			
Display	LCD			
Program	16 user programs	20 user programs	16 user programs	
Timer range	0-99hour 59min			
Noise Level	≤65dB			
Overall Dimension	820×710×950 mm	710x560x770 mm	820×710×950 mm	840×730×960 mm
Power	4000 W	2000 W	4000 W	
Power Supply	220 V, 60 Hz			
Weight	240/260 kg	150/170 kg	240/260 kg	260/290 kg
Catalog No.	9481194248	9481195248	9481196248	9481197248



LFHCR-301

Rotors for LFHCR-301

Model No.	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	16×10ml	20000	48330g
AR-2	6×50ml	18000	37580g
AR-3	8×50ml	16000	29365g
AR-4	6×70ml	15000	25700g
AR-5	8×100ml	12000	19830g
AR-6	6×300ml	10000	18550g
AR-7	6×500ml	8000	11800g
AR-8	6×500ml	10000	17700g
AR-9	30×1.5ml	18000	34485g
<i>Swing ELISA plate Rotor:</i>			
SR-1	2×2×96, 2×2×96 holes	4000	2360g

Rotors for LFHCR-302

Model No.		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12×1.5/2.0ml	20600	29400g
AR-2		24×1.5/2.0ml	14000	18180g
AR-3		12×10ml	14000	18800g
AR-4		6×50ml	12000	13800g
AR-5		4×100ml	10000	10500g
AR-6		6×100ml	11000	14520g
AR-7		6×250ml	8000	92000g
Swing Rotor:				
SR-1		4x750ml	4000	3500g
SR-2		4x500ml	4000	3580g
Adapter	A1- SR-2	4×250ml/300ml	4000	3580g
	A2- SR-2	4×3x50ml		
	A3- SR-2	4×8x15ml		
	A4- SR-2	4×12x10 ml		
	A5- SR-2	4×19x5ml		
Swing Microplate Rotor:				
SMR-1		2×2×96, 2×2×96holes	4000	2360g

Rotors for LFHCR-303

Model No.	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	16×10ml	21000	48330g
AR-2	6×50ml	18000	37580g
AR-3	8×50ml	16000	29365g
AR-4	6×70ml	15000	25700g
AR-5	8×100ml	12000	19830g
AR-6	6×300ml	10000	18550g
AR-7	6×500ml	8000	11800g
AR-8	6×500ml	10000	17700g
AR-9	30×1.5ml	18000	34485g
<i>Continuous Flow Rotor:</i>			
CFR-1	1000ml	14000	21500g
CFR-2	1000ml	16000	28100g
CFR-3	3000ml	8000	9500g
CFR-4	3000ml	10000	14800g
<i>Swing ELISA plate Rotor:</i>			
SR-1	2×2×96, 2×2×96holes	4000	2360g

Rotors for LFHCR-304

Model No.	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	24×1.5/2.2ml	25000	64983g
AR-2	18×10ml	23000	60460g
AR-3	8×50ml	21000	52356g
AR-4	4×250ml	15000	33800g
AR-5	6×250ml	14000	30070g
AR-6	6×500ml	10000	17700g
AR-7	4×1000ml	8000	12040g

FLOOR TYPE HIGH SPEED CENTRIFUGE ADVANCED LFHCRA-200 SERIES

Labocon Floor Type High Speed Centrifuge LFHCRA-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples. It offers increased productivity and throughput with unparalleled performance and ease-of-use in a remarkably small footprint.

Features

- Microprocessor controlled with coloured touch screen and a keypad for quick protocol setup and storage
- Digital display of RPM, RCF, time, temperature, temperature limit, etc.
- Automatic RPM/RCF calculation
- Anti-corrosive and autoclavable rotors
- CFC free refrigeration system
- Vacuum pressure measured by digital gauge
- In-built software allows better control of multi-user access, greater convenience and improved safety
- Sealing prevents leak out of hazardous substances
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, abnormal RPM detection, Rotor imbalance detector, Lid protection, Over speed protection, Over temperature protection, System Error



LFHCRA-200

Application

Labocon Floor Type High Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and a variety of separation needs in biochemistry, medical treatment, food safety, blood bank and animal husbandry, etc.

Specification

Model	LFHCRA-203
Max. RPM	30000
Max. RCF	98608xg
Max. Capacity (No. of tubes x Vol.)	4x1000 ml
Temp. Range	-10°C to 40°C
Acceleration/ Deceleration	10/10
Timer Range	99 hr 59 min 59 sec
Overall Dimension	710x1000x1260 mm
Power Supply	
Weight	330 kg
Catalog No.	9481201251

Rotors for LFHCRA-203

Model	Max. Capacity	Max. Speed	Max. RCF
Angle Rotor			
AR-1	24x1.5ml	30000	81301g
AR-2	36x1.5ml	20000	51741g
AR-3	12x10ml	30000	85628g
AR-4	12x15ml	30000	96696g
AR-5	6x50ml	30000	96696g
AR-6	8x50ml	30000	99513g
AR-7	6x85ml	25000	64425g
AR-8	10x85ml	15000	32601g
AR-9	6x250ml	14000	28487g
AR-10	6x500ml	10000	17743g
AR-11	4x1000ml	8000	12157g
Conical Angle Rotor:			
ARC-1	12x15ml	17000	29693g
ARC-2	6x50ml	17000	32084g

BENCHTOP LOW SPEED CENTRIFUGE LBLC-100 SERIES

Labocon Benchtop Low Speed Centrifuge LBLC-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- High quality Stainless Steel chamber
- Durable ABS housing resists chemical spills and limits noise
- Microcomputer controlled programmable operation with touch panel
- LED screen displays set and run conditions for easy monitoring
- Real-time conversion of RPM/RCF
- Automatic storage of working data
- Dependable performance that maximizes your productivity
- Minimize sample disturbance during bucket loading and unloading
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Applications

Labocon Benchtop Low Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



LBLC-101



LBLC-100 SERIES

Specification

Model	LBLC-101	LBLC-102	LBLC-103	LBLC-104	LBLC-105
Max. RPM	4000	4000	4200	5000	5000
Max. RCF	2220xg	1700xg	2760xg	5030xg	4390xg
Max. Capacity (No. of tubes x Vol.)	24×10ml	12x15ml	18×10ml, 12x20ml	4x500ml	12x10ml, 6x50ml
Speed Increment	±10 r/min				
Acceleration/ Deceleration	9/9				
Control	Microcomputer				
Display	LED				
Program	4 user programs	2 user programs		5 user programs	6 user programs
Timer Range	0-99 min				
Noise Level	<65 dB(A)				
Overall Dimension	330×420×280 mm	230x310x240 mm	410x490x310 mm	460x540x340 mm	
Power	40 W		275 W	370 W	
Power Supply	220 V, 60 Hz				
Weight	15/18 kg	9/10 kg	18/20 kg	30/32 kg	
Catalog No.	9481101561	9481102561	9481103561	9481104561	9481105561

Specification

Model	LBLC-106	LBLC-107	LBLC-108	LBLC-109
Max. RPM	5000	5000	6000	6000
Max. RCF	4390xg	4100xg	5120xg	5300xg
Max. Capacity (No. of tubes x Vol.)	32x15 ml	24x10ml		500mlx4
Speed Increment	±10 r/min			
Acceleration/ Deceleration	9/9			
Control	Micro Computer			
Display	LED			LCD
Program	5 user programs	2 user programs		5 user programs
Timer Range	0-99 min			0-99 hr 59 min
Noise Level	<65 dB(A)			
Overall Dimension	460x540x340 mm	410x490x310 mm	410x490x310 mm	460x540x340 mm
Power	370 W	275 W		
Power Supply	220 V, 60 Hz			
Weight	30/32 kg	28/30 kg		30/32 kg
Catalog No.	9481106561	9481107561	9481108561	9481109561

Rotors for LBLC-101

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	18x10ml	4000	2200g
AR-2	24x10ml	4000	2200g
AR-3	12x10ml	4000	2200g
Swing Rotor:			
SR-1	8x15ml	4000	2220g

Rotors for LBLC-102

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	8x20ml	4000	1700g
AR-2	12x10ml	4000	1700g
AR-3	12x15ml	4000	1700g

Rotors for LBLC-103

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	18x10ml, 12x20ml	4000	2200g
<i>Swing Rotor:</i>			
SR-1	4x50ml	4200	2760g
SR-2	8x10ml	4200	2760g
SR-3	16x5ml	4200	2760g

Rotors for LBLC-104

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	4x500ml	4000	3220g
SR-2	8x50 ml	5000	5030g
SR-3	32x10 ml	4300	3582g
SR-4	4x250 ml	4300	3582g
SR-5	48x7ml	4300	3582g
SR-6	72x7ml	4000	3582g
<i>Swing Microplate Rotor:</i>			
SMR-1	8x96 well	4000	2200g

Rotors for LBLC-105

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12x10ml, 6x50ml	5000	3500g
Swing Rotor:			
SR-1	72x7ml	4000	3000g
SR-2	4x100 ml	4000	3000g
SR-3	4x50ml	5000	4390g
SR-4	8x50ml	4000	2810g
SR-5	32x15ml	4000	2810g
SR-6	48x7ml	4000	2810g
Swing Microplate Rotor:			
SMR-1	8x96 well	4000	2200g

Rotors for LBLC-106

Model	No. of tubes x Volume	RPM	RCF
Swing Rotor:			
SR-1	4x50ml	5000	4390g
SR-2	8x50 ml	5000	2810g
SR-3	32x15 ml	4000	2810g
SR-4	48x7ml	4000	2810g
Swing Microplate Rotor:			
SMR-1	8x96 well	4000	2200g

Rotors for LBLC-107

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	24x10ml	5000	4100g
<i>Swing Rotor:</i>			
SR-1	24x5ml	4200	2760g
SR-2	12x15ml	4200	2760g
SR-3	12x15ml	4200	2760g

Rotors for LBLC-108

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x15ml	4200	2760g
<i>Swing Rotor:</i>			
SR-1	24x5ml	4200	2760g
SR-2	12x15ml	4200	2760g
SR-3	24x10ml	4200	2760g
SR-4	4x50ml	4200	2760g

Rotors for LBLC-109

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x15ml	6000	5300g
<i>Swing Rotor:</i>			
SR-1	4x250ml	4300	3582g
SR-2	8x50ml	4300	3582g
SR-3	32x10ml	4300	3582g
SR-4	4x500ml	4000	3100g
<i>Swing Microplate Rotor:</i>			
SMR-1	8x96 well	4000	2200g

BENCHTOP LOW SPEED CENTRIFUGE LBLC-200 SERIES

Labocon Benchtop Low Speed Centrifuge LBLC-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Acceleration/Deceleration takes around 30 sec to 1 min
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Applications

Labocon Benchtop Low Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



Specification

Model	LBLC -201	LBLC-202	LBLC -203	LBLC-204
Max. RPM	4000	5000	5500	5000
Max. RCF	2600xg	4800xg	4800xg	4600xg
Max. Capacity (No. of tubes x Vol.)	12×20 ml 24×10 ml	4×500 ml	4×250 ml	4×100 ml
Speed Increment	±50r/min			
Acceleration/ Deceleration	10/10			
Control	Microcomputer			
Display	LCD			
Program	20 user programs			
Timer Range	0-99 hr 59 min	0-99 min	0-99 hr 59 min	
Noise Level	≤60dB	≤65dB		
Overall Dimension	500×450×280 mm	586×644×370 mm	600×540×360 mm	
Power	350 W	800 W	500 W	450 W
Power Supply	220 V, 60 Hz			
Weight	20/25 kg	60/75 kg	35/42 kg	
Catalog No.	9481110248	9481111248	9481112248	9481113248

Specification

Model	LBLC-205	LBLC -206	LBLC -207	LBLC -208
Max. RPM	5500		6000	
Max. RCF	3580xg	4800xg	5140xg	
Max. Capacity (No. of tubes x Vol.)	4×100 ml	4×250 ml		4×100 ml
Speed Increment	±50 r/min			
Acceleration/ Decelera- tion	10/10			
Control	Microcomputer			
Display	LCD			
Program	20 user programs			
Timer Range	0-99 hr 59 min			
Noise Level	≤65dB			
Overall Dimension	500×450×280 mm	600×540×360 mm	600×540×360 mm	
Power	350 W	500 W		
Power Supply	220 V, 60 Hz			
Weight	25/35 kg	35/42 kg		
Catalog No.	9481114248	9481115248	9481116248	9481117248

Rotors for LBLC-201

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12 x 20ml	4000	2600g
AR-2	18×10ml	4000	2600g
AR-3	24×10ml	4000	2600g

Rotors for LBLC-202

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12 x 10ml	5000	3570g
Swing Rotor:				
SR-1		4×500ml(round cup)	4000	3760g
Adapter	SR1-A1	4 × 250/300ml	4000	3760g
	SR1-A2	4 × 100 ml		
	SR1-A3	12 × 50 ml		
	SR1-A4	32 × 15 ml		
	SR1-A5	48 × 10 ml		
	SR1-A6	72 × 5 ml		
SR-2		148×5ml/2ml (Vacuum Vascular)	4000	2900g
SR-3		48×5ml/2ml (Vacuum Vascular)	4000	2950g
SR-4		76×5ml/2ml (Vacuum Vascular)	4000	3100g
SR-5		12×15ml	5000	4500g
SR-6		24×10ml	5000	4500g
SR-7		4×100ml	5000	4800g
SR-8		8×50ml	4000	2810g
SR-9		32×15ml	4000	2810g
SR-10		32×10ml	4000	2810g
Swing Microplate Rotor:				
SMR-1		2×2×96 holes	4000	2810g

Rotors for LBLC-203

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	4×50ml	5000	4600g
SR-2	4×100ml	5000	4800g
SR-3	8×50ml	4000	2810g
SR-4	24×15ml	4000	2810g
SR-5	32×15ml	4000	2810g
SR-6	32×10ml	4000	2810g
SR-7	4×250ml	4000	3290g
SR-8	48×5ml/2ml (Vacuum Vascular)	4000	2950g
SR-9	76×5ml/2ml (Vacuum Vascular)	4000	3100g

Rotors for LBLC-204

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	4×50ml	5000	4600g
SR-2	4×100ml	5000	4800g
SR-3	8×50ml	4000	2810g
SR-4	32×15ml	4000	2810g
SR-5	32×10ml	4000	2810g
SR-6	48×5ml/2ml (Vacuum Vascular)	4000	2940g
SR-7	76×5ml/2ml (Vacuum Vascular)	4000	3100g

Rotors for LBLC-205

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12×15ml	5000	3580g
AR-2	18×10ml	4000	2600g
AR-3	24×10ml	4000	2600g
Swing Rotor:			
SR-1	4×50ml	4000	2100g
SR-2	4×100ml	4000	2100g
SR-3	16×15ml	4000	2810g

Rotors for LBLC-206

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12 x 10ml	5500	4328g
Swing Rotor:			
SR-1	12×15ml	5000	4500g
SR-2	24×10ml		
SR-3	4×250ml	4000	3290g
Adapter	SR1-A1	4000	3290g
	SR1-A2		
	SR1-A3		
	SR1-A4		
SR-4	4×50ml	5000	4600g
SR-5	4×100ml	5000	4800g
SR-6	8×50ml	4000	2810g
SR-7	24×15ml	4000	2810g
SR-8	32×15ml	4000	2810g
SR-9	32×10ml	4000	2810g
SR-10	48×5ml/2ml (Vacuum Vascular)	4000	2940g
SR-11	76×5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:			
SMR-1	2×2×96, 2×2×96 holes	4000	2360g

Rotors for LBLC-207

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12 x 10ml	6000	5140g
Swing Rotor:				
SR-1		16x15ml	5000	4400g
SR-2		24 x 10ml	4000	2810g
SR-3		4 x 250 ml	4000	3290g
Adapter	SRI-A1	8 x 50 ml	4000	3290g
	SRI-A2	24 x 15 ml		
	SRI-A3	32 x 10 ml		
	SRI-A4	40 x 5 ml		
SR-4		4x50ml	5000	4600g
SR-5		4x100ml	5000	4800g
Swing Microplate Rotor:				
SMR-1		2x2x96, 2x2x96 holes	4000	2360g

Rotors for LBLC-208

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12 x 10ml	6000	5140g
Swing Rotor:			
SR-1	4x50ml	5000	4600g
SR-2	4x100ml	5000	4800g
SR-3	8x50ml	4000	2810g
SR-4	32x15ml	4000	2810g
SR-5	32x10ml	4000	2810g
SR-6	48x5ml/2ml (Vacuum Vascular)	4000	2950g
SR-7	76x5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:			
SMR-1	2x2x96, 2x2x96 holes	4000	2360g

BENCHTOP LOW SPEED CENTRIFUGE LBLCF-100 SERIES

Labocon Benchtop Low Speed Centrifuge LBLCF-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Acceleration/Deceleration takes around 30 sec to 1 min
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Application

Labocon Benchtop Low Speed Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



Specification

Model	LBLCF-101	LBLCF-102	LBLCF-103
Max. RPM	4000		
Max. RCF	2100g		
Max. Capacity (No. of tubes x Vol.)	4×50 ml	4×100 ml	12×15 ml
Speed Increment	±50r/min		
Acceleration/ Deceleration	10/10		
Control	Microcomputer		
Display	LCD		
Program	20 user programs		
Timer Range	0-99 hr 59 min		
Noise Level	≤60dB		
Overall Dimension	500×450×280 mm		
Power	350 W		
Power Supply	220 V, 60 Hz		
Weight	20/25 kg		
Catalog No.	9481120251	9481121251	9481122251

FLOOR TYPE LOW SPEED CENTRIFUGE LFLC-100 SERIES

Labocon Floor Type Low Speed Centrifuge LFLC-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Dedicated key indicating centrifugal force
- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Special driver module ensures circuit's reliability
- Multiple layers of shock absorbers with auto balancing function
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor imbalance detector, Lid protection, Over speed protection, Over temperature protection

Applications

Labocon Floor Type Low Speed Centrifuge delivers efficient sample processing in clinical protocols, blood separation, cell culture applications, microplate processing protein precipitation and a variety of separation needs.



LFLC-101

Specification

Model	LFLC-101
Max. RPM	5000
Max. RCF	4390xg
Max. Capacity (No. of tubes x Vol.)	6x500 ml
Speed Increment	±50 rpm
Acceleration/ Deceleration	10/10
Control	Microcomputer
Display	LCD
Program	20 user programs
Timer Range	0-99hr 59min
Noise Level	≤65 dB (A)
Overall Dimension	740x620x900 mm
Power	800 W
Power Supply	220 V, 60 Hz
Weight	85/100 kg
Catalog	9481154248

Rotors for LFLC-101

Model	No. of tubes x Volume	RPM	RCF
Swing Rotor:			
SR-1	4x500ml	4000	3780g
SR-2	4x250ml	4000	3600g
SR-3	6x500ml	3600	2980g
SR-4	148 × 7 ml	4000	3780g
SR-5	8x50ml	4000	2810g
SR-6	32x15ml	4000	2810g
SR-7	4x100ml	5000	4390g
SR-8	48 × 5ml/2ml	4000	2810g
SR-9	76 × 5ml/2ml	4000	2810g
Swing Microplate Rotor:			
SMR-1	2×2×96, 2x2x96 holes	4000	2200g

FLOOR TYPE LOW SPEED CENTRIFUGE LFLC-200 SERIES

Labocon Floor Type Low Speed Centrifuge LFLC-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and aluminium alloy rotor for sustainable use
- Speed and the centrifugal force can be step adjusted (10 RPM/10xg)
- Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force
- LCD widescreen displays set and run conditions for easy monitoring
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Adapter with double unique design to avoid cap dropping while in use
- Avoids re-mixing of blood after separation and eliminates bacterial infection
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Built in electronic door lock and protection, Over speed protection, Over temperature protection

Applications

Labocon Floor Type Low Speed Centrifuge delivers efficient sample processing in clinical protocols, blood separation, cell culture applications, microplate processing protein precipitation and a variety of separation needs.



LFLC-201

Specification

Model	LFLC-201	LFLC-202	LFLC-203
Max. RPM	4000	5000	6000
Max. RCF	3840xg	4390xg	5120xg
Max. Capacity (No. of tubes x Vol.)	216x5/7ml	6x500ml	
Speed Increment	±50 rpm		
Acceleration/Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program			
Timer Range	0-99 min		
Noise Level	≤65 dB (A)		
Overall Dimension	800x600x820 mm		
Power			
Power Supply	220 V, 60Hz		
Weight	120/140 kg		
Catalog	9481155162	9481156162	9481156162

Rotors for LFLC-201

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	96x5/7ml	4000	3840g
SR-2	124x5/7ml	4000	3840g
SR-3	148x5/7ml	4000	3840g
SR-4	216x5/7ml	4000	3840g

Rotors for LFLC-202

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12X10ml	6000	5120g
<i>Swing Rotor:</i>			
SR-1	148x7ml	4000	3000g
SR-2	4x750ml	4000	3500g
SR-3	6x500ml	4000	4390g
SR-4	4x100ml	5000	4390g
SR-5	32x15ml	4000	2810g
SR-6	48x7ml	4000	2810g
SR-7	72x5ml	4000	2810g
SR-8	6x300ml	4000	3300g
SR-9	2x2x96ml	4000	2300g

Rotors for LFLC-203

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12X10ml	6000	5120g
<i>Swing Rotor:</i>			
SR-1	148x7ml	4000	3000g
SR-2	4x750ml	4000	3500g
SR-3	6x500ml	4000	4390g
SR-4	4x100ml	5000	4390g
SR-5	32x15ml	4000	2810g
SR-6	48x7ml	4000	2810g
SR-7	72x5ml	4000	2810g
SR-8	6x300ml	4000	3300g
SR-9	2x2x96ml	4000	2300g

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE LBLCR-100 SERIES

Labocon Benchtop Low Speed Refrigerated Centrifuge LBLCR-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Stainless Steel interior and exterior made up of anticorrosive ABS material
- Durable ABS housing resists chemical spills and limits noise
- Microcomputer controlled programmable operation with touch panel
- LED screen displays set and run conditions for easy monitoring
- Real-time conversion of RPM/RCF
- Automatic storage of working data
- Dependable performance that maximizes your productivity
- Minimize sample disturbance during bucket loading and unloading
- Refrigerant: CFC-free R404a
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection



Application

Labocon Benchtop Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.

Specification

Model	LBLCR-101	LBLCR-102
Max. RPM	5000	8000
Max. RCF	4390xg	9100xg
Max. Capacity (No. of tubes x Vol.)	24/32x15ml	4x250ml
Temp. Range	-5°C to 35°C	
Temp. Accuracy	±1°C	
Speed Increment	±10r/min	
Acceleration/ Deceleration	9/9	
Control	Microcomputer	
Display	LED	
Program	10 user programs	
Timer Range	0-99 min	
Noise Level	≤65dB	
Overall Dimension	460x550x400 mm	740x520x400 mm
Power	450 W	700 W
Power Supply	220 V, 60 Hz	
Weight	90/100 kg	
Catalog No.	9481127561	9481128561

Rotors for LBLCR-101

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	4x100ml	5000	4390g
SR-2	8x50ml	4000	2810g
SR-3	24/32x15ml	4000	2810g
SR-4	72x7ml	4000	2810g
SR-6	48x7ml	4000	2810g
<i>Swing Microplate Rotor:</i>			
SMR-1	8x96 well	4000	2200g

Rotors for LBLCR-102

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	8x100ml	8000	9100g
<i>Swing Rotor:</i>			
SR-1	4x250ml	5000	5030g
SR-2	8x50ml	4000	2810g
SR-3	24/32x15ml	4000	2810g
SR-4	72x7ml	4000	2810g
SR-6	48x7ml	4000	2810g
<i>Swing Microplate Rotor:</i>			
SMR-1	8x96 well	4000	2200g

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE LBLCR-200 SERIES

Labocon Benchtop Low Speed Refrigerated Centrifuge LBLCR-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with push-button operation
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Triple protective layers of steel bushings
- Acceleration/Deceleration takes around 30 sec to 1 min
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Application

Labocon Benchtop Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



Specification

Model	LBLCR-201	LBLCR-202	LBLCR-203
Max. RPM	5500	6500	8000
Max. RCF	4800g	4800g	5940g
Max. Capacity (No. of tubes x Vol.)	4x250ml		
Temp. Range	-20°C to +40°C		
Temp. Accuracy	±1°C		
Speed Increment	±50 r/min		
Acceleration/ Deceleration	10/10		
Control	Microcomputer		
Display	LCD		
Program	20 user programs		
Timer Range	0-99 hr 59 min		
Noise Level	≤65 dB		
Overall Dimension	630×760×400 mm		
Power	1800 W		
Power Supply	220 V, 60 Hz		
Weight	110/150 kg		
Catalog No.	9481129248	9481130248	9481131248

Rotors for LBLCR-201

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12×10ml	5500	4328 g
Swing Rotor:				
SR-1		12×15ml	5000	4500g
SR-2		24 x 10ml	5000	4500g
SR-3		4x250ml	4000	3290g
Adapter	SR1-A1	8x50ml	4000	3290g
	SR1-A2	4×6x15ml		
	SR1-A3	4×8x10ml		
	SR1-A4	4×10x5ml		
SR-4		4×50ml	5000	4600g
SR-5		4×100ml	5000	4800g
SR-6		8×50ml	4000	2810g
SR-7		32×15ml	4000	2810g
SR-8		32×10ml	4000	2810g
SR-9		48×5ml/2ml (Vacuum Vascular)	4000	2950g
SR-10		76×5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:				
SMR-1		2×2×96, 2×2×96 holes	4000	2360g

Rotors for LBLCR-202

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12×10ml	6500	3920g
Swing Rotor:				
SR-1		12×15ml	5000	4500g
SR-2		24 x 10ml	5000	4500g
SR-3		4x250ml	4000	3290g
Adapter	SRI-A1	8x50ml	4000	3290g
	SRI-A2	4×6x15ml		
	SRI-A3	4×8x10ml		
	SRI-A4	4×10x5ml		
SR-4		4×50ml	5000	4600g
SR-5		4×100ml	5000	4800g
SR-6		8×50ml	4000	2810g
SR-7		32×15ml	4000	2810g
SR-8		32×10ml	4000	2810g
SR-9		48×5ml/2ml (Vacuum Vascular)	4000	2950g
SR-10		76×5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:				
SMR-1		2×2×96 holes	4000	2360g

Rotors for LBLCR-203

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12×10ml	5500	4328 g
Swing Rotor:				
SR-1		12×15ml	5000	4500g
SR-2		24 x 10ml	5000	4500g
SR-3		4x250ml	4000	3290g
Adapter	SR1-A1	8x50ml	4000	3290g
	SR1-A2	4×6x15ml		
	SR1-A3	4×8x10ml		
	SR1-A4	4×10x5ml		
SR-4		4×50ml	5000	4600g
SR-5		4×100ml	5000	4800g
SR-6		8×50ml	4000	2810g
SR-7		32×15ml	4000	2810g
SR-8		32×10ml	4000	2810g
SR-9		48×5ml/2ml (Vacuum Vascular)	4000	2950g
SR-10		76×5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:				
SMR-1		2×2×96, 2×2×96 holes	4000	2360g

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE LBLCR-300 SERIES

Labocon Benchtop Low Speed Refrigerated Centrifuge LBLCR-300 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and aluminium alloy rotor for sustainable use
- Speed and the centrifugal force can be step adjusted (10 RPM/10xg)
- Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force
- LCD widescreen displays set and run conditions for easy monitoring
- Triple protective layers of steel bushings
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Multiple layers of shock absorbers with auto balancing function
- High quality CFC-free compressor with two cycle refrigeration and high accuracy of temperature
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Automatic Lock Cover, Over speed protection, Over temperature protection.



Labocon Benchtop Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.

Model	LBLCR-301	LBLCR-302
Max. RPM	5000	6500
Max. RCF	4390g	4800g
Max. Capacity (No. of tubes x Vol.)	4×750ml	
Temp. Range	-20°C to +40°C	
Temp. Accuracy	±1°C	
Speed Increment	±20 r/min	
Acceleration/ Deceleration	9/9	
Control	Microcomputer	
Display	LCD	
Program	10 user programs	
Timer Range	0-99 min	
Noise Level	≤60 dB (A)	
Overall Dimension	830×750×480 mm	
Power		
Power Supply	220 V, 60Hz	
Weight	85/110 kg	
Catalog No.	9481132248	9481133248

Rotors for LBLCR-301

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12x10ml	6000	4500g
Swing Rotor:			
SR-1	6x300ml	4000	4390g
SR-2	56x5ml	4000	3600g
SR-3	36x10ml	4000	3500g
SR-4	148x7ml	4000	4100g
SR-5	4x750ml	4000	2810g
SR-6	32x15ml	4000	2810g
SR-7	16x50ml	4000	3500g
SR-8	4x100ml	4000	4390g
SR-9	8x50ml	4000	2810g
SR-10	72x5ml	4000	2800g
SR-11	48x7ml	4000	2800g
Swing Microplate Rotor:			
SMR-1	2x2x96 holes	4000	2300g

Rotors for LBLCR-302

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12x10ml	6000	4500g
Swing Rotor:			
SR-1	6x300ml	4000	4390g
SR-2	56x5ml	4000	3600g
SR-3	36x10ml	4000	3500g
SR-4	148x7ml	4000	4100g
SR-5	4x750ml	4000	2810g
SR-6	32x15ml	4000	2810g
SR-7	16x50ml	4000	3500g
SR-8	4x100ml	5000	4390g
SR-9	8x50ml	4000	2810g
SR-10	72x5ml	4000	2800g
SR-11	48x7ml	4000	2800g
Swing Microplate Rotor:			
SMR-1	2x2x96 holes	4000	2300g

FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE LFLCR-100 SERIES

Labocon Floor Type Low Speed Refrigerated Centrifuge LFLCR-100 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Stainless Steel interior and exterior made up of anticorrosive ABS material
- Microcomputer controlled with programmable operation
- LED/LCD screen displays set and run conditions for easy monitoring
- Real-time conversion of RPM/RCF
- Dual temperature control
- Automatic storage of working data
- Dependable performance that maximizes your productivity
- Minimize sample disturbance during bucket loading and unloading
- Refrigerant: CFC-free R404a
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

Application

Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



LFLCR-101



LFLCR-100 Series

Specification

Model	LFLCR-101	LFLCR-102	LFLCR-103	LFLCR-104	LFLCR-105
Max. RPM	5000	5000	6000	8000	8000
Max. RCF	4100xg	3780xg	6680xg	9100xg	11260xg
Max. Capacity (No. of tubes x Vol.)	4x100 ml	6x500 ml	6x1200 ml	6x500 ml	6x200 ml
Temp. Range	-20°C to 40°C				
Temp. Accuracy	±1°C				
Speed Increment	±50 rpm				
Acceleration/Deceleration	9/9				
Control	Microcomputer				
Display	LED		LCD	LED	LCD
Program	3 user programs	5 user programs	2 user programs	5 user programs	3 user programs
Timer Range	0-99 hr 59 min				
Noise Level	≤65 dB				
Overall Dimension	620x710x1100 mm		710x840x1200 mm	620x710x1100 mm	900x1000x1200 mm
Power	1500 W		3000 W	6250 W	3700 W
Power Supply	220 V, 60 Hz				
Weight	220/240 kg		300/320kg		
Catalog	9481134561	9481135561	9481136561	9481137561	9481138561

Rotors for LFLCR-101

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	6x300 ml	5000	3850g
Swing Rotor:			
SR-1	4x500 ml	4000	4100g
SR-2	4x750 ml	4000	4100g
SR-3	4x1000 ml	4000	4100g
SR-4	148x10 ml	4000	3780g

Rotors for LFLCR-102

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		6x50 ml	5000	3780g
Swing Rotor:				
SR-1		148/96x7 ml	4000	3780g
SR-2		4x750 ml	4000	3780g
SR-3		4x500 ml	4000	3780g
Bucket	SR3-B1	4 buckets	4000	3040g
Adapter	SR3-A1	112x5 ml	4000	3040g
	SR3-A2	100x1.5 ml		
	SR3-A3	80x10 ml		
	SR3-A4	40x15 ml		
	SR3-A5	40x15 ml		
	SR3-A6	16x50 ml		
	SR3-A7	16x50 ml		
Swing Microplate Rotor:				
SMR-1		8x96 well	4000	2200g

Rotors for LFLCR-103

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		6x500 ml	6000	6680g
Swing Rotor:				
SR-1		6x1200 ml (Round bucket)	4200	5100g
SR-2		6x1200 ml (Square bucket)	4000	5100g

Rotors for LFLCR-104

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		8x100 ml	8000	9100g
Swing Rotor:				
SR-1		148/96x7 ml	4000	3780g
SR-2		4x750 ml	4000	3780g
SR-3		4x500 ml	4000	3780g
Bucket	SR3-B1	4 buckets	4000	3040g
Adapter	SR3-A1	112x5 ml	4000	3040g
	SR3-A2	100x1.5 ml		
	SR3-A3	80x10 ml		
	SR3-A4	40x15 ml		
	SR3-A5	40x15 ml		
	SR3-A6	16x50 ml		
	SR3-A7	16x50 ml		
Swing Microplate Rotor:				
SMR-1		8x96 well	4000	2200g

Rotors for LFLCR-105

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		6x500 ml	8000	11260g
Swing Rotor:				
SR-1		6x2000 ml (Round bucket)	4000	6260g
SR-2		6x2000 ml (Square bucket)	4000	6260g
SR-3		6x2400 ml	4000	6260g

FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE LFLCR-200 SERIES

Labocon Floor Type Low Speed Refrigerated Centrifuge LFLCR-200 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with push-button operation
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Triple protective layers of steel bushings
- Multiple layers of shock absorbers with auto balancing function
- Acceleration/Deceleration takes around 30 sec to 1 min
- AV Motor of variable frequency and high torque ensures low maintenance, high efficiency, constant speed of rotation
- Special driver module ensures circuit's reliability
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection



LFLCR-101



LFLCR-100 Series



Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.

Model	LFLCR-201	LFLCR-202	LFLCR-203	LFLCR-204
Max. RPM	5500	6500	8000	5000
Max. RCF	4100g	3780g	6680g	9100g
Max. Capacity (No. of tubes x Vol.)	Swing bucket rotor 4x750 ml			6x500 ml
Temp. Range	-20°C to 40°C			
Temp. Accuracy	±1°C			
Speed Increment	±50 rpm			
Acceleration/ Deceleration	10/10			
Control	Microcomputer			
Display	LCD			
Program	20 user programs			
Timer Range	0-99 hr 59 min			
Noise Level	≤65 dB (A)			
Overall Dimension	710x560x770 mm			740x620x900 mm
Power	2000 W			
Power Supply	220 V, 60 Hz			
Weight	150/210 kg			180/200 kg
Catalog	9481139248	9481140248	9481141248	9481142248

Rotors of LFLCR-201

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12x10ml	5500	3580g
Swing Rotor:				
SR-1		4x750 ml	4000	3500g
SR-2		4 x 500ml (Round Cup)	4000	3780g
Adapter	SRI-A1	4x250ml/300ml	4000	3780g
	SRI-A2	4x100ml		
	SRI-A3	12x50ml		
	SRI-A4	36x15ml		
	SRI-A5	72x10ml		
	SRI-A6	72x5ml		
SR-3		148x5ml/2ml	4000	2900g
SR-4		48x5ml/2ml	4000	2950g
SR-5		76x5ml/2ml	4000	3100g
SR-6		16x15ml	5000	4500g
SR-7		4x100ml	5000	4800 g
SR-8		24x10ml	4000	2810g
SR-9		8x50ml	4000	2810g
SR-10		32x15ml	4000	2810g
SR-11		32x10ml	4000	2810g
Swing Microplate Rotor:				
SMR-1		2x2x96, 2x2x96 holes	4000	2360g

Rotors of LFLCR-202

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12x10ml	6500	3920g
Swing Rotor:				
SR-1		4x750 ml	4000	3500g
SR-2		4 x 500ml (Round Cup)	4000	3780g
Adapter	SR1-A1	4x250ml/300ml	4000	3780g
	SR1-A2	4x100ml		
	SR1-A3	12x50ml		
	SR1-A4	36x15ml		
	SR1-A5	72x10ml		
	SR1-A6	72x5ml		
SR-3		148x5ml/2ml	4000	2900 g
SR-4		48x5ml/2ml	4000	2950g
SR-5		76x5ml/2ml	4000	3100g
SR-6		16x15ml	5000	4500g
SR-7		4x100ml	5000	4800 g
SR-8		24x10ml	4000	2810g
SR-9		8x50ml	4000	2810g
SR-10		32x15ml	4000	2810g
SR-11		32x10ml	4000	2810g
Swing Microplate Rotor:				
SMR-1		2x2x96, 2x2x96 holes	4000	2360g

Rotors of LFLCR-203

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12×10ml	8000	5940g
Swing Rotor:				
SR-1		4x750ml	4000	3500g
SR-2		4 x 500ml (Round Cup)	4000	3780g
Adapter	SRI-A1	4x250ml/300ml	4000	3780g
	SRI-A2	4x100ml		
	SRI-A3	12x50ml		
	SRI-A4	36x15ml		
	SRI-A5	72x10ml		
	SRI-A6	72x5ml		
SR-3		148x5ml/2ml	4000	2900 g
SR-4		48x5ml/2ml	4000	2950g
SR-5		76x5ml/2ml	4000	3100g
SR-6		16x15ml	5000	4500g
SR-7		4x100ml	5000	4800 g
SR-8		24x10ml	4000	2810g
SR-9		8x50ml	4000	2810g
SR-10		32x15ml	4000	2810g
SR-11		32x10ml	4000	2810g
Swing Microplate Rotor:				
SMR-1		2×2×96, 2×2×96 holes	4000	2360g

Rotors of LFLCR-204

Model	No. of tubes x Volume	RPM	RCF
Swing Rotor:			
SR-1	148x7ml	4000	3780g
SR-2	6x500ml (Round Bucket)	3600	2980g
SR-3	4x500ml (Elliptic Bucket)	4000	3780g
SR-4	4x250ml	4000	3600g
SR-5	4x100ml	5000	4390g
SR-6	32x15ml	4000	2810g
SR-7	8x50ml	4000	2810g
SR-8	48 × 5ml/2ml	4000	2810g
SR-9	76 × 5ml/2ml	4000	2810g
<i>Swing Microplate Rotor:</i>			
SMR-1	2×2×96, 2×2×96 holes	4000	2360g

FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE LFLCR-300 SERIES

Labocon Floor Type Low Speed Refrigerated Centrifuge LFLCR-300 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Metallic structure and a stainless steel cavity makes the machine safe and more efficient
- Microcomputer controlled programmable operation with push-button operation
- TFT true-colour LCD widescreen displays set and run conditions for easy monitoring
- Variable frequency drive system and automatic control system ensures steady operation
- Indication of ascending and declining curves of rotor, centrifugal integral curves and temperature curves
- Four layers of shock absorbers with auto balancing function
- Acceleration/Deceleration takes around 30 sec to 1 min
- AV Motor of variable frequency and high torque ensures low maintenance, high efficiency, constant speed of rotation
- Special driver module ensures circuit's reliability
- High quality compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise
- Store 16 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor imbalance detector, Lid protection, Over speed protection, Over temperature protection



Application

Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.

Specification

Model	LFLCR-301	LFLCR-301A	LFLCR-302	LFLCR-303	LFLCR-304
Max. RPM	6000	6000	7000	8000	10000
Max. RCF	6680xg	6680xg	8620xg	11260xg	18300xg
Max. Capacity (No. of tubes x Vol.)	6x1000 ml	6x1000 ml	6x1500 ml	6x1500 ml	6x1000 ml
Temp. Range	-20°C to 40°C				
Temp. Accuracy	±1°C				
Speed Increment	±50 rpm				
Acceleration/ Deceleration	10/10				
Control	Microcomputer				
Display	LCD				
Program	16 user programs				
Timer Range	0-99 hr 59 min				
Noise Level	≤68 dB (A)				
Overall Dimension	840x730x950 mm				
Power	400 W				570 W
Power Supply	220V, 60Hz				
Weight	270/290 kg				280/300 kg
Catalog	9481143248	9481144248	9481145248	9481146248	9481147248

Rotors of LFLCR-301

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x500ml	6000	6680g
<i>Swing Rotor:</i>			
SR-1	6x1000ml	4200	5100g
SR-2	4x1000ml	4000	4050g

Rotors of LFLCR-301A

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x500ml	6000	6680g
<i>Swing Rotor:</i>			
SR-1	6x1000ml	4200	5100g
SR-2	4x1000ml	4000	4050g

Rotors of LFLCR-302

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x500ml	6000	6680g
<i>Swing Rotor:</i>			
SR-1	4x1000ml	4000	4050g

FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE LFLCR-400 SERIES

Labocon Floor Type Low Speed Refrigerated Centrifuge LFLCR-400 Series performs a wide range of separations, offering comprehensive control and set-up options to meet your precise application needs. They have been designed with integrated refrigeration system, superior temperature control and outstanding product quality. Each centrifuge operates at low noise levels and offers soft-touch lid closure for easy loading and unloading of samples.

Features

- Fully stainless steel structure and aluminium alloy rotor for sustainable use
- Microcomputer controlled and direct drive system ensures high stability
- LCD widescreen with soft touch panel displays set and run conditions for easy monitoring
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- High quality compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise
- Refrigerant: CFC Free R404a
- Store 35 programs in centrifuge memory which are retained even after powering down the centrifuge
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Automatic Lock Cover, Over speed protection, Over temperature protection

Application

Labocon Floor Type Low Speed Refrigerated Centrifuge delivers efficient sample processing in clinical protocols, cell culture applications, microplate processing and a variety of separation needs.



LFLCR-401

Specification

Model	LFLCR-401	LFLCR-402	LFLCR-403
Max. RPM	4600	5000	5000
Max. RCF	7060xg	5600xg	4390xg
Max. Capacity (No. of tubes x Vol.)	6x2400 ml	6x1000 ml	6x500 ml
Temp. Range	-20°C to 40°C		
Temp. Accuracy	±1°C		
Speed Increment	±50 rpm		
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	35 user programs		
Timer Range	0-23hr 59min	0-99 hr 59 min	0-99 min
Noise Level	≤65 dB (A)		
Overall Dimension	960x860x1200 mm	730x840x1200 mm	740x620x780 mm
Power	3000 W		
Power Supply	220 V, 60 Hz		
Weight	500/580 kg	160/198 kg	
Catalog	9481148162	9481149162	9481150162

Specification

Model	LFLCR-404	LFLCR-405	LFLCR-406
Max. RPM	6000	6000	7000
Max. RCF	6680xg	6680xg	11500xg
Max. Capacity (No. of tubes x Vol.)	6x500 ml	6x1000 ml	6x1000 ml
Temp. Range	-20°C to 40°C		
Temp. Accuracy			
Speed Increment	±50 rpm		
Acceleration/ Deceleration	9/9		
Control	Microcomputer		
Display	LCD		
Program	35 user programs		
Timer Range	0-99 min	0-99 hr 59 min	0-23hr 59min
Noise Level	≤65 dB (A)		
Overall Dimension	740x620x780 mm	730x840x1200 mm	
Power		2200 W	4000 W
Power Supply	220 V, 60 Hz		
Weight	160/198 kg		
Catalog	9481151162	9481152162	9481153162

Rotors for LFLCR-401

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	2x6x1000ml	4000	11260g
SR-2	6x2400ml	4000	7060g
SR-3	24x200ml	4200	4050g

Rotors for LFLCR-402

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
SR-1	6x500ml	5000	5600g
SR-2	4x750ml	4200	4360g

Rotors for LFLCR-403

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x10/15ml	6000	7100g
<i>Swing Rotor:</i>			
SR-1	4x750ml	4000	4390g
SR-2	4x500ml	4000	3780g
SR-3	4x250ml	4000	3600g
SR-4	4x500ml (blood bag)	4000	3940g
SR-5	6x500ml	4000	3780g
SR-6	72x5ml	4000	3440g
SR-7	148/108x7ml	4000	3440g
SR-8	8x50ml	4000	2810g
SR-9	32x10/15ml	4000	2810g
SR-10	16x15ml	4000	2810g
SR-11	4x100ml	5000	4390g
SR-12	80x5ml	4000	3360g
SR-13	8x100ml	4000	3360g
<i>Swing Microplate Rotor:</i>			
SMR-1	2x2x96 holes	4000	2200g

Rotors for LFLCR-404

Model	No. of tubes x Volume	RPM	RCF
Angle Rotor:			
AR-1	12x10/15ml	6000	7100g
Swing Rotor:			
SR-1	4x750ml	4000	4390g
SR-2	4x500ml	4000	3780g
SR-3	4x250ml	4000	3600g
SR-4	4x500ml (blood bag)	4000	3940g
SR-5	6x500ml	4000	3780g
SR-6	72x5ml	4000	3440g
SR-7	148/108x7ml	4000	3440g
SR-8	8x50ml	4000	2810g
SR-9	32x10/15ml	4000	2810g
SR-10	16x15ml	4000	2810g
SR-11	4x100ml	5000	4390g
SR-12	80x5ml	4000	3360g
SR-13	8x100ml	4000	3360g
Swing Microplate Rotor:			
SMR-1	2x2x96 holes	4000	2200g

Rotors for LFLCR-405

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x500ml	6000	6880g
<i>Swing Rotor:</i>			
SR-2	6x1000ml (Round Cup)	4200	5600g

Rotors for LFLCR-406

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x1000ml	7000	11500g
AR-2	6x500ml	8000	11620g

MINI CENTRIFUGE LMC-100 SERIES

Labocon Mini Centrifuge LMC-100 Series is compact, easy-to-operate table top centrifuges 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

- ▶ Compact, corrosion resistance design provides durability
- ▶ Micro DC motor and carbon-fibre rotor combined with silence technology reduces the operating noise
- ▶ Safety features: Over speed and over temperature protection

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 and blood sample in biotechnology, biochemistry, blood bank, pharmaceuticals, food and environmental protection.



MINI CENTRIFUGE

Specification

Model	LMC-101	LMC-102	LMC-103
Max. RPM	4000	6000	10000
Max. RCF	900xg	2000xg	5000xg
Max. Capacity (No. of tubes x Vol.)	6×1.5/0.5/0.2 ml	6×1.5/0.5/0.2 ml; 2×8×0.2 ml	
Speed Increment	±50 r/min		
Display	LED		
Timer Range	None		
Noise Level	<52 dB(A)		
Overall Dimension	170×150×130 mm		
Power			
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	1.25/1.5kg		
Catalog No.	9481202248	9481203248	9481204248

MINI CENTRIFUGE LMC-200 SERIES

Labocon Mini Centrifuge LMC-200 Series is compact, easy-to-operate table top centrifuges 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 and LMC 203

- Compact design with small footprint
- UV and flame-retardant composite material ensures high quality
- 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

► For Mini Centrifuge LMC-202

- 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-204

- Compact design with small footprint
- UV and flame-retardant composite material ensures high quality

MINI CENTRIFUGE

- ▶ 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

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 and blood sample in biotechnology, biochemistry, blood bank, pharmaceuticals, food and environmental protection.



LMC-202



LMC-203

MINI CENTRIFUGE

Specification

Model	LMC-201	LMC-202	LMC-203	LMC-204
Max. RPM	7200	14800	12000	14800
Max. RCF	2160xg	14500xg	8750xg	16160xg
Max. Capacity (No. of tubes x Vol.)	6x1.5ml/16x0.2 ml	12x1.5ml/0.5ml/0.2 ml	6x1.5ml/0.5ml/0.2 ml	24x1.5/2.0 ml
Speed Increment	None	100 r/min	1000 r/min	100 r/min
Display	None	LCD	LED	LCD
Timer Range	None	15 sec - 99 min	1 - 99 min	
Noise Level	<56 dB(A)			
Overall Dimension	160x180x110 mm	245x240x120 mm	220x210x120 mm	225x335x265 mm
Power	10 W	85 W	35 W	95 W
Power Supply	85~245 V, 60 Hz	220 V, 60 Hz	85~245 V, 60 Hz	220 V, 60 Hz
Weight (Net/ Gross)	1.5/2 kg	5/6 kg	3/4 kg	9/12kg
Catalog No.	9481205487	9481206487	9481207487	9481208487

MINI CENTRIFUGE LMC-300 SERIES

Labocon Mini Centrifuge LMC-300 Series is compact, easy-to-operate table top centrifuges 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-301**
 - ▶ Ideal for quick spin downs of microtubes and PCR tubes
 - ▶ Compact design takes up less than six inches of bench space
 - ▶ Easy open clear colored lids
 - ▶ Simply close the lid for acceleration and open the lid for deceleration, or alternatively use the on/off switch to control
 - ▶ Safety Features: Over-speed detection, Over-temperature detection

- ▶ **For Mini Centrifuge LMC-302 and LMC-303**
 - ▶ Compact design with high speed and low noise
 - ▶ Fully autoclavable high strength aluminum alloy rotor (LMC-302)
 - ▶ High strength plastic rotor delivering fast acceleration and deceleration (LMC-303)
 - ▶ Acceleration and deceleration time less than 25 sec (LMC-302) and 11/9 sec (LMC-303)
 - ▶ Unique cooling design minimizes rotor heating
 - ▶ Cast iron chassis with low gravity, provides stable and reliable running at maximum speed
 - ▶ Rotor is seated on a tapered shaft which facilitates easy removal
 - ▶ Automatic door lock
 - ▶ Large LCD display provides all visual information
 - ▶ Multi voltage design with high speed accuracy and reliable running

MINI CENTRIFUGE

- ▶ Safety Features: Door interlock, Over-speed detection, Over-temperature detection,, Automatic internal diagnosis

- ▶ **For Mini Centrifuge LMC-304**
 - ▶ Compact design with high speed and low noise
 - ▶ Fully autoclavable rotors
 - ▶ Speed/Acceleration switch
 - ▶ Short spin function is used for quick spin downs
 - ▶ Double air cooling design minimizes rotor heating
 - ▶ Cast iron chassis with low gravity, provides stable and reliable running at maximum speed
 - ▶ Rotor is seated on a tapered shaft which facilitates easy removal
 - ▶ Dual door interlock design
 - ▶ Lid opens automatically at the end of the run to prevent sample warming and allow easy access to samples
 - ▶ Large LCD display provides all visual information
 - ▶ Unique temperature display to protect sensitive samples
 - ▶ Gentle braking at low speed for better separation
 - ▶ Multi voltage design with high speed accuracy and reliable running
 - ▶ Safety Features: Dual door interlock, Over-speed detection, Over-temperature detection; Automatic internal diagnosis

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 and blood sample, pelleting of DNA and RNA samples, pelleting of PCR amplified nucleic acids, separation of antibody and protein precipitates, performing enzymatic tests, removing cell debris from cell homogenates, and achieving bacterial and yeast cell fractionation.

MINI CENTRIFUGE

Specification

Model	LMC-301	LMC-302		LMC-303	LMC-304
Max. RPM	7000	500-15000			200-15000
Max. RCF	2680xg	15100xg		15100xg	21380xg
Max. Capacity (No. of tubes x Vol.)	8x0.2/0.5/1.5/2.0ml tube	12x0.2ml/0.5ml/1.5ml/2ml			2mlx24 0.5mlx36 PCR 8 serial tubes
Speed Increment	None	100 r/min			
Display	None	LCD			
Timer Range	30 sec - 99 min				30 sec -99 min
Noise Level	≤45 dB(A)	≤54 dB(A)		≤56 dB(A)	≤58 dB(A)
Overall Dimension	150x150x117 mm	225x245x140 mm			280x364x266 mm
Power					
Power Supply	220 V, 60 Hz				
Weight (Net/ Gross)	0.5 kg	6 kg			12 kg
Catalog No.	9481209163	9481210163		9481211163	9481212163

MINI CENTRIFUGE LMC-400 SERIES

Labocon Mini Centrifuge LMC-400 Series is compact, easy-to-operate table top centrifuges 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

- ▶ Durable ABS housing resists chemical spills and limits noise
- ▶ Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- ▶ Automatic release of lid when the rotor stops to save processing time
- ▶ Short spin function is used for quick spin downs
- ▶ Safety Features: Over-speed detection, Over-temperature detection

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 and blood sample in biotechnology, biochemistry, blood bank, pharmaceuticals, food and environmental protection.

Specification

Model	LMC-401	LMC-402	LMC-403
Max. RPM	4000	6000	10000
Max. RCF	900xg	2000xg	5000xg
Max. Capacity (No. of tubes x Vol.)	6x1.5/0.5/0.2ml	8x2x0.2ml; 6x1.5/0.5/0.2ml	6x1.5/0.5/0.2ml
Speed Increment	±50 r/min		
Display	None		
Timer Range	None		
Noise Level	≤48 dB(A)		
Overall Dimension	189×161×122 mm		
Noise	≤48 dB		
Power			
Power Supply	220 V, 60 Hz		
Weight	1 kg		
Catalog No.	9481213561	9481214561	9481215561

MINI CENTRIFUGE LMC-500 SERIES

Labocon Mini Centrifuge LMC-500 Series is compact, easy-to-operate table top centrifuges 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-501

- Unique mini instantaneous centrifuge
- Special designed for 96-hole micro plates
- Quickly spin down droplets and condensations
- Suitable for skirted, semi-skirted, non-skirted and all standard PCR plates. Used before and after thermal cycling to improve PCR yield
- Acceleration and deceleration time less than 10 sec
- The micro plate is placed from the slots of the top vertically. The liquid spins down under the action of surface tension.
- Two operation modes– short mix and time setting operation, makes the experiment more convenient and efficient
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Safety Features: Over-speed detection, Over-temperature detection

► For Mini Centrifuge LMC-502 to LMC-506

- Compact design takes up less than six inches of bench space
- Superstructure cover switch automatically bounce 95 degree
- LED screen displays the speed and time
- Rotors are fixed with the help of clips making it easier for exchanging
- Ideal for quick spin downs of microtubes and PCR tubes

MINI CENTRIFUGE

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 and blood sample in biotechnology, biochemistry, blood bank, pharmaceuticals, food and environmental protection.

Specification

Model	LMC-501		LMC-502	LMC-503	
Max. RPM	2500		4000	6000	
Max. RCF	500xg		1200xg	3000xg	
Max. Capacity (No. of tubes x Vol.)	2 PCR Plates		8 x 2.0/1.5ml/0.5ml/0.2ml tube 2 x 8 x 0.2ml PCR tube		
Speed Increment					
Display	LED				
Timer Range			1s - 99min59s		
Noise Level			≤45 dB(A)		≤55 dB(A)
Overall Dimension	230x200x193 mm		176x156x121 mm		
Power					
Power Supply	220 V, 60 Hz				
Weight	3 kg	1.5 kg			
Catalog No.	9481216344	9481217344		9481218344	

MINI CENTRIFUGE

Model	LMC-504		LMC-505	LMC-506
Max. RPM	7000		10000	3000rpm - 10000rpm
Max. RCF	3400xg		7500xg	1000xg – 7500xg
Max. Capacity (No. of tubes x Vol.)	8 x 2.0ml/1.5ml/0.5ml/0.2ml tube			8 x 2.0/1.5/0.5/0.2ml tube
Speed Increment				
Display	LED			
Timer Range	1s - 99min59s			1s - 999min
Noise Level	≤55 dB(A)			
Overall Dimension	176x156x121 mm			
Power				
Power Supply	220 V, 60 Hz			
Weight	1.5 kg			
Catalog No.	9481219344		9481220344	9481221344

VACCUUM CENTRIFUGAL CONCENTRATOR

VACCUUM CENTRIFUGAL CONCENTRATOR LVCC-100

Labocon Vacuum Centrifugal Concentrator LVCC-101 combines centrifugation, vacuuming and heating to efficiently evaporate solvent and recover biological or analytical samples. Widely used in life sciences, chemistry, pharmaceutical and other fields.

Features

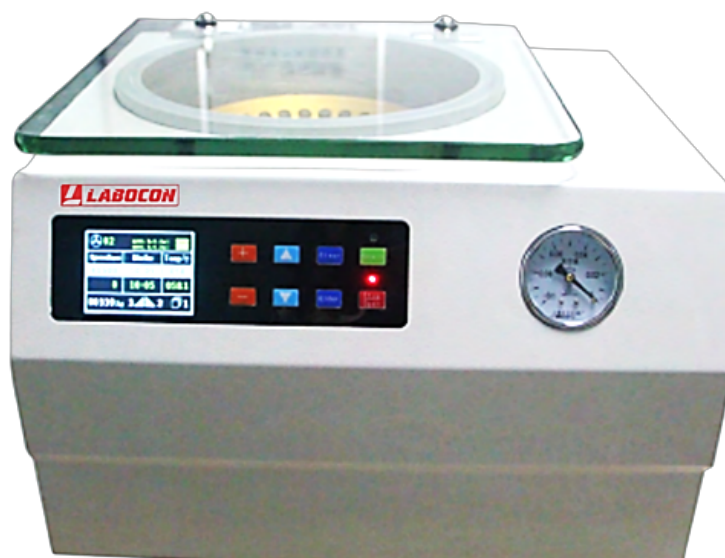
- ▶ Large screen LCD display with intelligent microprocessor controller.
- ▶ Teflon coated Drying chamber is made of alloyed aluminum and coated with anti-corrosion treatment.
- ▶ Maintenance-free, non-contact drive rotary system
- ▶ With various rotors, transparent cover, easy to observe the progress
- ▶ The set time of concentration: 0-99h59mins, can be used with cold trap. •Automatic start & stop

Optional

- ▶ Cold trap, volume 4L, Min. Temp. -55° C/ -80° C /-110°C
- ▶ Vacuum pump: 2L/S, rotary vane pump

Application

Labocon Vacuum Concentrator widely used in life sciences, chemistry, pharmaceutical and other fields.



VACCUM CENTRIFUGAL CONCENTRATOR

Specification

Model	LVCC-101	
Max. RPM	0-2000 RPM	
Max. RCF	409xg	273xg
Max. Capacity (No. of tubes x Vol.)	62×1.5ml, 135×0.5ml, 32,48 x 1.5 ml; 76 x 0.5 ml rotor	
Stable range	Indoor temperature to ~ 80℃ or no need warming up	
Display	Digital	
Timer Range	YES	
Vacuum Pressure	1 – 1000 mbar	
Overall Dimension	430x400x330 mm	
Noise	≤48 dB	
Power		
Power Supply	220 V, 60 Hz	
Weight		