



LOW SPEED CENTRIFUGE

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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

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.)	24x10ml	12x15ml	18x10ml, 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	330x420x280 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
<i>Angle Rotor:</i>			
AR-1	18x10ml	4000	2200g
AR-2	24x10ml	4000	2200g
AR-3	12x20ml	4000	2200g
<i>Swing Rotor:</i>			
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
<i>Angle Rotor:</i>			
AR-1	12x10ml, 6x50ml	5000	3500g
<i>Swing Rotor:</i>			
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
<i>Swing Microplate Rotor:</i>			
SMR-1	8x96 well	4000	2200g

Rotors for LBLC-106

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	4x50ml	5000	4390g
SR-2	8x50 ml	5000	2810g
SR-3	32x15 ml	4000	2810g
SR-4	48x7ml	4000	2810g
<i>Swing Microplate Rotor:</i>			
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	6000	5120g
<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.



LBLC-201

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/ Deceleration	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		4x500ml(round cup)	4000	3760g
Adapter	SRI-A1	4 x 250/300ml	4000	3760g
	SRI-A2	4 x 100 ml		
	SRI-A3	12 x 50 ml		
	SRI-A4	32 x 15 ml		
	SRI-A5	48 x 10 ml		
	SRI-A6	72 x 5 ml		
SR-2		148x5ml/2ml (Vacuum Vascular)	4000	2900g
SR-3		48x5ml/2ml (Vacuum Vascular)	4000	2950g
SR-4		76x5ml/2ml (Vacuum Vascular)	4000	3100g
SR-5		12x15ml	5000	4500g
SR-6		24x10ml	5000	4500g
SR-7		4x100ml	5000	4800g
SR-8		8x50ml	4000	2810g
SR-9		32x15ml	4000	2810g
SR-10		32x10ml	4000	2810g
Swing Microplate Rotor:				
SMR-1		2x2x96 holes	4000	2810g

Rotors for LBLC-203

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
SR-1	4x50ml	5000	4600g
SR-2	4x100ml	5000	4800g
SR-3	8x50ml	4000	2810g
SR-4	24x15ml	4000	2810g
SR-5	32x15ml	4000	2810g
SR-6	32x10ml	4000	2810g
SR-7	4x250ml	4000	3290g
SR-8	48x5ml/2ml (Vacuum Vascular)	4000	2950g
SR-9	76x5ml/2ml (Vacuum Vascular)	4000	3100g

Rotors for LBLC-204

Model	No. of tubes x Volume	RPM	RCF
<i>Swing Rotor:</i>			
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	2940g
SR-7	76x5ml/2ml (Vacuum Vascular)	4000	3100g

Rotors for LBLC-205

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x15ml	5000	3580g
AR-2	18x10ml	4000	2600g
AR-3	24x10ml	4000	2600g
<i>Swing Rotor:</i>			
SR-1	4x50ml	4000	2100g
SR-2	4x100ml	4000	2100g
SR-3	16x15ml	4000	2810g

Rotors for LBLC-206

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12 x 10ml	5500	4328g
<i>Swing Rotor:</i>			
SR-1	12x15ml	5000	4500g
SR-2	24x10ml		
SR-3	4x250ml	4000	3290g
Adapter	SRI-A1	8 x 50 ml	4000
	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
SR-6	8x50ml	4000	2810g
SR-7	24x15ml	4000	2810g
SR-8	32x15ml	4000	2810g
SR-9	32x10ml	4000	2810g
SR-10	48x5ml/2ml (Vacuum Vascular)	4000	2940g
SR-11	76x5ml/2ml (Vacuum Vascular)	4000	3100g
<i>Swing Microplate Rotor:</i>			
SMR-1	2x2x96, 2x2x96 holes	4000	2360g

Rotors for LBLC-207

Model	No. of tubes x Volume	RPM	RCF	
<i>Angle Rotor:</i>				
AR-1	12 x 10ml	6000	5140g	
<i>Swing Rotor:</i>				
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	
<i>Swing Microplate Rotor:</i>				
SMR-1	2x2x96, 2x2x96 holes	4000	2360g	

Rotors for LBLC-208

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12 x 10ml	6000	5140g
<i>Swing Rotor:</i>			
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
<i>Swing Microplate Rotor:</i>			
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.



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
<i>Swing Rotor:</i>			
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
<i>Swing Microplate Rotor:</i>			
SMR-1	2x2x96, 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	9481157162

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



LBLCR-101



LBLCR-100 Series

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-5	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-5	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.



LBLCR-201

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		12x10ml	5500	4328 g
Swing Rotor:				
SR-1		12x15ml	5000	4500g
SR-2		24 x 10ml	5000	4500g
SR-3		4x250ml	4000	3290g
Adapter	SR3-A1	8x50ml	4000	3290g
	SR3-A2	4x6x15ml		
	SR3-A3	4x8x10ml		
	SR3-A4	4x10x5ml		
SR-4		4x50ml	5000	4600g
SR-5		4x100ml	5000	4800g
SR-6		8x50ml	4000	2810g
SR-7		32x15ml	4000	2810g
SR-8		32x10ml	4000	2810g
SR-9		48x5ml/2ml (Vacuum Vascular)	4000	2950g
SR-10		76x5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:				
SMR-1		2x2x96, 2x2x96 holes	4000	2360g

Rotors for LBLCR-202

Model		No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>				
AR-1		12x10ml	6500	3920g
<i>Swing Rotor:</i>				
SR-1		12x15ml	5000	4500g
SR-2		24 x 10ml	5000	4500g
SR-3		4x250ml	4000	3290g
Adapter	SR3-A1	8x50ml	4000	3290g
	SR3-A2	4x6x15ml		
	SR3-A3	4x8x10ml		
	SR3-A4	4x10x5ml		
SR-4		4x50ml	5000	4600g
SR-5		4x100ml	5000	4800g
SR-6		8x50ml	4000	2810g
SR-7		32x15ml	4000	2810g
SR-8		32x10ml	4000	2810g
SR-9		48x5ml/2ml (Vacuum Vascular)	4000	2950g
SR-10		76x5ml/2ml (Vacuum Vascular)	4000	3100g
<i>Swing Microplate Rotor:</i>				
SMR-1		2x2x96 holes	4000	2360g

Rotors for LBLCR-203

Model		No. of tubes x Volume	RPM	RCF
Angle Rotor:				
AR-1		12x10ml	5500	4328 g
Swing Rotor:				
SR-1		12x15ml	5000	4500g
SR-2		24 x 10ml	5000	4500g
SR-3		4x250ml	4000	3290g
Adapter	SR3-A1	8x50ml	4000	3290g
	SR3-A2	4x6x15ml		
	SR3-A3	4x8x10ml		
	SR3-A4	4x10x5ml		
SR-4		4x50ml	5000	4600g
SR-5		4x100ml	5000	4800g
SR-6		8x50ml	4000	2810g
SR-7		32x15ml	4000	2810g
SR-8		32x10ml	4000	2810g
SR-9		48x5ml/2ml (Vacuum Vascular)	4000	2950g
SR-10		76x5ml/2ml (Vacuum Vascular)	4000	3100g
Swing Microplate Rotor:				
SMR-1		2x2x96, 2x2x96 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.



LBLCR-301

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-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.	9481132164	9481133164

Rotors for LBLCR-301

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	12x10ml	6000	4500g
<i>Swing Rotor:</i>			
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
<i>Swing Microplate Rotor:</i>			
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
- 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.



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	6x2400 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



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-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	SR2-A1	4x250ml/300ml	4000	3780g
	SR2-A2	4x100ml		
	SR2-A3	12x50ml		
	SR2-A4	36x15ml		
	SR2-A5	72x10ml		
	SR2-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	SR2-A1	4x250ml/300ml	4000	3780g
	SR2-A2	4x100ml		
	SR2-A3	12x50ml		
	SR2-A4	36x15ml		
	SR2-A5	72x10ml		
	SR2-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		12x10ml	8000	5940g
Swing Rotor:				
SR-1		4x750ml	4000	3500g
SR-2		4 x 500ml (Round Cup)	4000	3780g
Adapter	SR2-A1	4x250ml/300ml	4000	3780g
	SR2-A2	4x100ml		
	SR2-A3	12x50ml		
	SR2-A4	36x15ml		
	SR2-A5	72x10ml		
	SR2-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-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
Swing Microplate Rotor:			
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



LFLCR-301

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

Rotors of LFLCR-303

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x500ml	7000	8620g
<i>Swing Rotor:</i>			
SR-2	4x1000ml	4000	4050g

Rotors of LFLCR-304

Model	No. of tubes x Volume	RPM	RCF
<i>Angle Rotor:</i>			
AR-1	6x300ml	10000	18300g
AR-2	6x500 ml	8000	11800g
AR-3	6x1000 ml	7000	11500g
<i>Swing Rotor:</i>			
SR-1	6x1000ml	4200	5100g

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	9481148164	9481149164	9481150164

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>			
AR-1	6x500ml	5000	5600g
<i>Swing Rotor:</i>			
SR-1	4x750ml	4200	4390g

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
<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