



Benchtop

High Speed

Centrifuge

Labocon Systems Limited

Sentinel House Harvest Crescent, Ancells Business Park, Fleet, Hampshire, GU51 2UZ, United Kingdom

Phone no: +44 203 3724850 | Email: info@labocon.com

www.labocon.com

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 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:

- It has a Stainless steel structure for sustainable use
- It has advanced CPU control system.
- Microprocessor based control of Speed, RCF and Temperature.
- Maintenance-free frequency conversion motor.
- It has been included with protection from over speed, over temperature and imbalance.
- Also it has protection of automatic electronic or mechanical lock to ensure the safety of operators and devices.

Applications:

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

It is also widely used in the field of blood station, pharmaceutical factory, biochemistry, biological products, etc.

Benchtop High Speed Centrifuge LBHC-100 Series

Technical Specifications:

Model No.	LBHC-101	LBHC-102
Max. Speed (RPM)	16000	18000
Max. RCF (x g)	17800	23200
Max. Capacity	4*100 ml	
Ambient Temperature	+15 °C	
Speed Accuracy	±50 rpm	
Speed Control	0-16000	0-18000
Set Speed (increments)	50rpm	
Timer range	0-99 mins	
Set Time (increments for LCD)	1 second	
Set Time (increments for Digital)	1 min	
Control System	Microprocessor	
Program Memory	9	
Display	LCD/ Digital	
Motor (DC/ Brushless)	AC Frequency Conversion Motor	
Acceleration/ Deacceleration Rate	9 grade	
Noise Level	≤65 dB	
Rotor Material	Aluminium Alloy	
Power Supply	AC 220V & 110V 50 & 60Hz 5A	
Power Consumption	420 W	450 W
Gross Weight	45 kg	
Net Weight	35 kg	
Dimensions (W x D x H) Exterior	500*360*330 mm	

Benchtop High Speed Centrifuge LBHC-100 Series

Noise Level	≤ 65 dB	
Rotor Material	Aluminium Alloy	
Power Supply	AC 220V & 110V 50 & 60Hz 5A	
Power Consumption	420 W	450 W
Gross Weight	45 kg	
Net Weight	35 kg	
Dimensions (W x D x H) Exterior	500*360*330 mm	
Packing Dimensions (W x D x H)	580*400*480 mm	
Catalog No.	9133101541	9133102541

Model No.	LBHC-103	LBHC-104	LBHC-105
Max. Speed (RPM)	20000	22000	24000
Max. RCF (x g)	27800	34700	47800
Max. Capacity	4*100 ml		
Ambient Temperature	+15 °C		
Speed Accuracy	50 rpm		
Speed Control	0-2000	0-22000	0-24000
Control System	50rpm		
Program Memory	0-99 mins		
Display	1 second		
Motor (DC/ Brushless)	1 min		

Benchtop High Speed Centrifuge LBHC-100 Series

Acceleration/ Deacceleration Rate	9 grade		
Noise Level	≤ 65 dB		
Rotor Material	Aluminium Alloy		
Power Supply	AC 220V & 110V 50 & 60Hz 5A		
Power Consumption	500 W	520 W	550 W
Gross Weight	45 kg		
Net Weight	35 kg		
Dimensions (W x D x H) Exterior	500*360*330 mm		
Packing Dimensions (W x D x H)	580*400*480 mm		
Catalog No.	9133103541	9133102541	9133103541

Benchtop High Speed Centrifuge LBHC-100 Series

Accessories:

For LBHC-101 & LBHC-102

Model	No. of Tubes x Volume	RPM	RCF(xg)
Angle Rotor			
AR-1	48 x 0.5 ml	13500	14800
AR-2	36 x 1.5 ml	4000	5470
AR-3	12 x 1.5/2 ml	4000	4390
AR-4	24 x 1.5/2ml	4000	3600
AR-5	8 x 5 ml	4000	2810
AR-6	12 x 10 ml	4000	4100
AR-7	6 x 50 ml	4000	3840
AR-8	8 x 50 ml	10000	9680
AR-9	2 x 2 x 48 Holes	4000	1400
Swing Microplate Rotor			
SMR-1	2 x 2 x 48 Holes	4000	1400



Angle Rotor AR-2: 36 x 1.5 ml

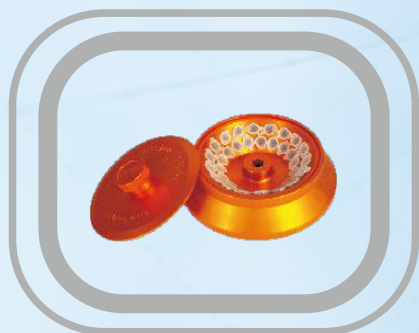


Angle Rotor AR-3: 12 x 1.5/2 ml



Angle Rotor AR-6: 12 x 10 ml

Benchtop High Speed Centrifuge LBHC-100 Series



Angle Rotor AR-4: 24 x 1.5/2 ml

For LBHC-103, LBHC-104 & LBHC-105

Model	No. of Tubes x Volume	RPM	RCF(xg)
Angle Rotor			
AR-1	36 x 1.5 ml	13500	17000
AR-2	12 x 1.5/2 ml	16000	17800
AR-3	24 x 1.5/2ml	13500	17760
AR-4	8 x 5 ml	16000	18200
AR-5	12 x 10 ml	12000	14800
AR-6	6 x 50 ml	11000	9680
AR-7	8 x 50 mL	8000	9800
AR-8	4 x 100 ml	10000	9680

Benchtop High Speed Centrifuge LBHC-100 Series



Angle Rotor AR-3: 12 x 1.5/2 ml



Angle Rotor AR-5: 8 x 5ml



Angle Rotor AR-2: 36 x 1.5 ml



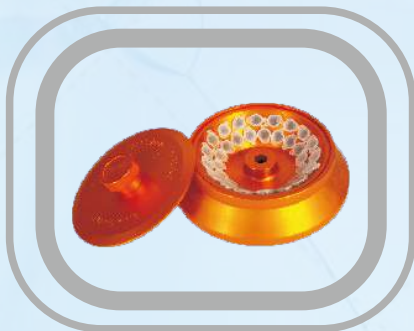
Angle Rotor AR-6: 12 x 10 ml



Angle Rotor AR-7: 6 x 50ml



Angle Rotor AR-8: 8 x 50 ml



Angle Rotor AR-4: 24 x 1.5/2 ml



Angle Rotor AR-9: 4 x 100 ml



Labocon Systems Limited

Sentinel House Harvest Crescent, Ancells Business Park

Fleet, Hampshire, GU51 2UZ, United Kingdom

Phone no: +44 203 3724850 | Email: info@labocon.com

www.labocon.com