

Benchtop High-Speed Refrigerated Centrifuge



LX-185T100R

Scope and Application of the Product:

For the separation and purification of samples of cells, macromolecular proteins, blood, body fluids, DNA/RNA, plasmids, bacteria and viruses.

Innovative Design

- RFID rotor recognition
- Multi-level user management
- Smart and intelligent control
- Real-time monitoring and alarms
- Easy to use operation

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Product Advantages



Multi-level User Management

Multi-level user management allows users to stored and organise personal data, centrifugal programs and operating parameters



Precise Temperature Control and Ultra-fast Refrigeration

The fuzzy PID control with seamless evaporator to achieve precise temperature control and high-efficiency heat transfer



Real-time Monitoring and Alarms

The sensor automatically monitors vibration in real time, and will stop and alarm when excess vibration is detected



Ergonomic Angled Touch Screen

The 7-inch touchscreen is angled at 45° for to be comfortable and practical for users of all heights



Smart and Intelligent Control

Large smart screen controller provides an interactive interface which is easy to operate even in gloves



Precise Speed Control

High-precision speed control technology to ensure the accuracy of experimental data



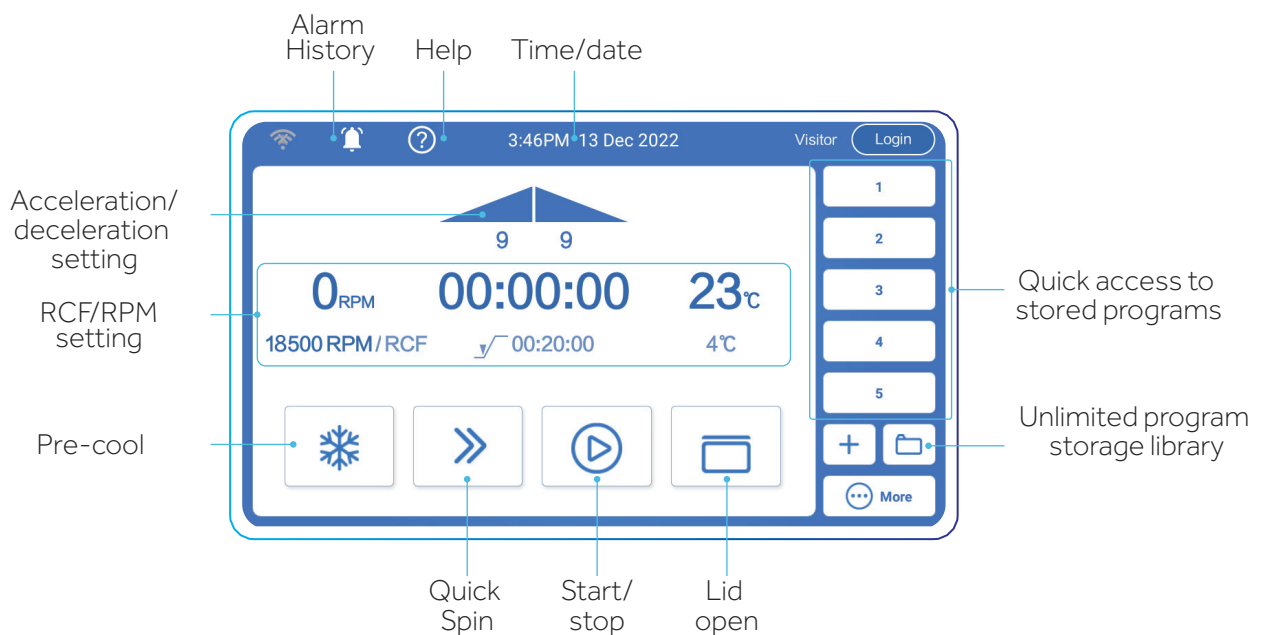
Smart Anti Vibration Lock

Automatic smart lock safeguards users



Menu Driven Program

Intelligent storage of centrifugal programs, quick access to programs



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Product Parts



Triple-layer construction to ensure safe use

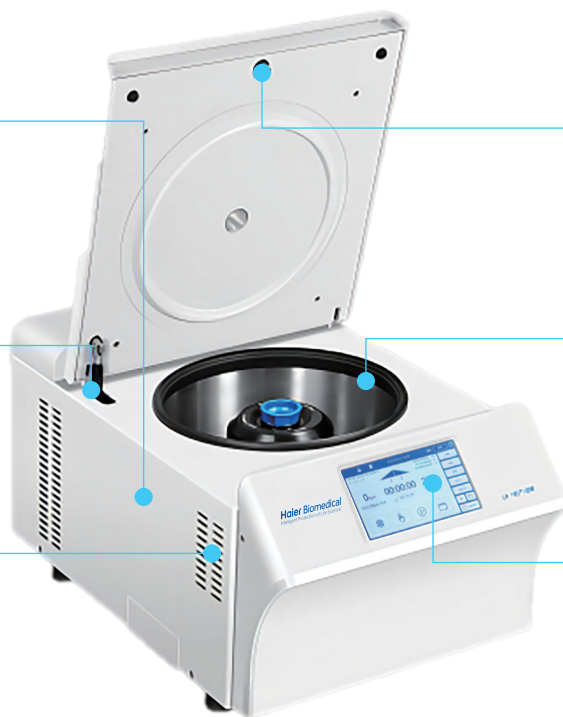
Intelligent lid locking monitoring and automatic self-locking to ensure safe operation

Motorized gas springs with safety protection

Easy to clean, corrosion-resistant 316 stainless steel chamber

Drainage tray to prevent internal water accumulation and improve corrosion resistance

The 7-inch touchscreen is angled at 45° for to be comfortable and practical for users of all heights



Specifications



Model	Max Speed (r/min)	Max RCF (xg)	Max Capacity (ml)	Sound Level (dB(A))	Temperature Setting Range (°C)	Temperature Accuracy (°C)	Speed Accuracy (rpm)
LX-185T100R	18500	30130	4*100	≤52	-20-40	±2	±10

Timer	Power (W)	Power Supply (V/Hz)	External Dimensions (W*D*H)(mm)	Net Weight (kg)	Height of Lid Open (mm)	Packing Dimension (W*D*H)(mm)	Gross Weight (kg)
1s-99h 59min59s	1200	AC220, 50/60	420*680*330	57	860	800*505*535	73

*Haier Biomedical reserves the right to change products and specifications without prior notice.

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Rotor Configuration List



No.	Rotor Description	Max Capacity (ml)	Max RCF (xg)	Max Speed (rpm)	Singe Tube Capacity (ml)	Maximum Tube Dimensions (∅*L)(mm)	Tube Type	Picture
1	Fixed-Angle Rotor	12*1.5	26019	18500	1.5/2	11*38	Round/Conical	
2	Fixed-Angle Rotor	24*1.5	30130	17500	1.5/2	11*38	Round/Conical	
3	Fixed-Angle Rotor	48*1.5	19083	13000	1.5/2	11*38	Round/Conical	
4	Fixed-Angle Rotor	12*5	18090	16000	5	14*55	Round	
5	Fixed-Angle Rotor	12*10	16071	12500	10	16*86	Round	
6	Fixed-Angle Rotor	8*15	13200	12000	15	17*121	Conical	
7	Fixed-Angle Rotor	6*50	15294	12000	50	29*115	Round	
8	Fixed-Angle Rotor	6*50	16421	12000	50	30*115	Conical	
Optional	Adapter	15-50	6 pcs/set		15	17*121	Conical	
9	Fixed-Angle Rotor	4*100	13257	11000	100	38*106	Round	
10	Fixed-Angle Rotor	12*8*0.2	18516	12000	0.2	6*18	PCR	
11	Fixed-Angle Rotor (Steel sleeves)	18*15	4749	5000	15	17*120	Round/Conical	
12	Fixed-Angle Rotor (Steel sleeves)	6*50/15	3577	5000	50/15	30*104	Round/Conical	
13	Fixed-Angle Rotor (Steel sleeves)	6*100	3348	4800	100	38*106	Round	
14	Swing-out Rotor	ELISA Plate	2287	4500	0.2	Rotor block	Two position	
	ELISA Plate Bucket	2*96 well plate	2287	4500	0.2	86*128	ELISA Plate	
15	Swing-out Rotor	4*50	2770	4200	/	Rotor block	/	
Optional	Bucket	4*5*10/7	2770	4200	10	15*105	Large blood collection tube	
Optional	Adapter	5	50 pcs/set	50 pcs/set	5	12*80	Small blood collection tube	
Optional	Bucket	4*2*15	2770	4200	15	17*120	Round/Conical	
Optional	Bucket	4*1*50	2770	4200	50	30*104	Round/Conical	