

Benchtop High-Speed Refrigerated Centrifuge



LX-155T500R

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
- High performance rapid refrigeration
- Precise balance detection
- Corrosion resistant rotor ensures long service life

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Product Advantages



Real-time Monitoring and Alarms

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



Rotor Balance Detection

Dynamic monitoring of the centrifugal process means that the centrifuge will automatically stop in the event of a balance error



Precise Ultra-fast Refrigeration

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



Long Service Life of Motor

Dynamic sealing technology effectively prolongs the service life of motor



Ergonomic Angled Touch Screen

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



RFID Rotor Recognition

The Auto-ID rotor is instantly identified by the centrifuge upon installation; this ensures the rotor operates within safe limits



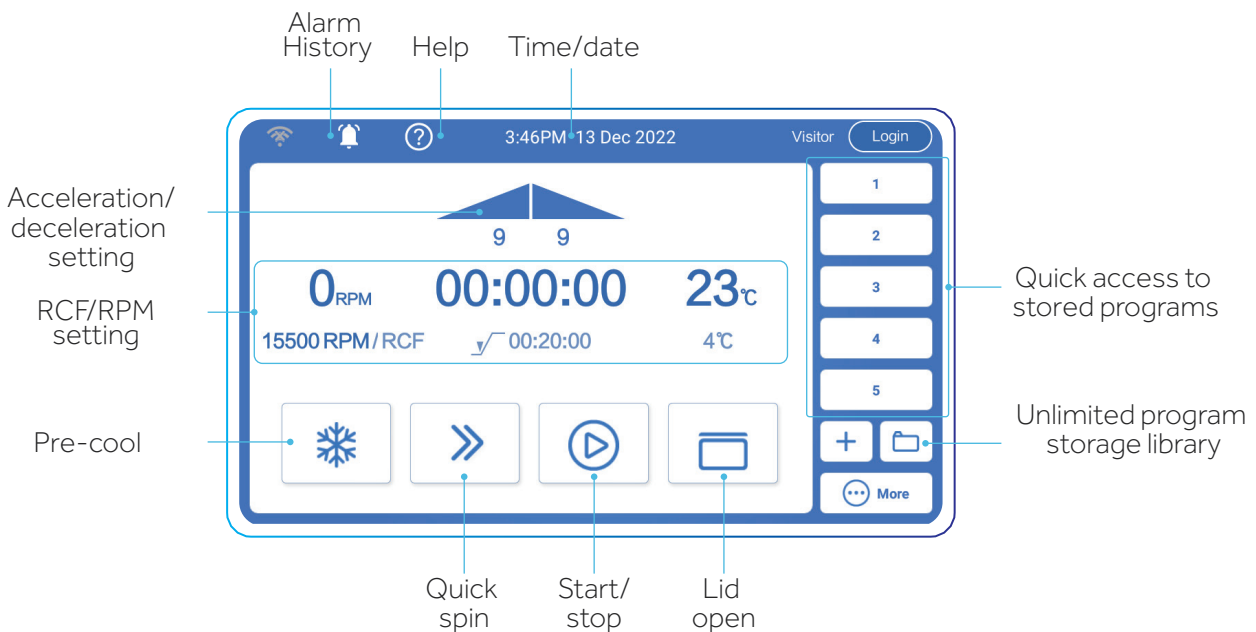
Smart and Intelligent Control

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



Precise Speed Control

High-precision speed control technology ensures process integrity



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Product Parts



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

Easy to clean, corrosion-resistant 316 stainless steel chamber

Motorized gas springs with safety protection

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

Triple-layer construction to ensure safe use

Drainage tray to prevent internal water accumulation and improve corrosion resistance



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-155T500R	15500	26322	4*500	≤55	-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	658*673*358	112	860	740*795*565	133

*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 (Ø*L)(mm)	Tube Type	Picture
1	Fixed-Angle Rotor	24*1.5	23100	15500	1.5/2	11*38	Round/Conical	
2	Fixed-Angle Rotor	30*1.5	26322	15500	1.5/2	11*38	Round/Conical	
3	Fixed-Angle Rotor	48*1.5	22132	14000	1.5/2	11*38	Round/Conical	
4	Fixed-Angle Rotor	12*10	16071	12500	10	16*86	Round	
5	Fixed-Angle Rotor	12*15	21912	14000	15	17*121	Conical	
6	Fixed-Angle Rotor	6*50	17065	12000	50	29*115	Round	
7	Fixed-Angle Rotor	6*50	16421	12000	50	30*115	Conical	
Optional	Adapter	15-50	6 pcs/set		15	17*121	Conical	
8	Fixed-Angle Rotor	12*8*0.2	14892	12000	0.2	6*18	PCR	
9	Fixed-Angle Rotor (Steel sleeves)	42*15	4472	5000	15	17*120	Round/Conical	
10	Fixed-Angle Rotor (Steel sleeves)	12*50/15	4640	5000	50/15	30*104	Round/Conical	
11	Fixed-Angle Rotor (Steel sleeves)	10*100	3350	4500	100	38*106	Round	
12	Swing-out	4*500	3184	4000	500	Rotor block	/	
Optional	Round Bucket	500	3184	4000	500	81*106	Flat	
	Adapter	4*250	4 pcs/set		250	62*123	Flat	
	Adapter	4*225	4 pcs/set		225	60*136	Conical	
	Adapter	4*100	4 pcs/set		100	38*106	Round	
	Adapter	4*4*50	4 pcs/set		50	30*115	Conical	
	Adapter	4*10*15	4 pcs/set		15	17*121	Conical	
	Adapter	4*14*10	4 pcs/set		10	15*105	Large blood collection tube	
	Adapter	4*19*7/5	4 pcs/set		2-5	12*80/105	Small/Large blood collection tube	
	Adapter	4*30*1.5	4 pcs/set		1.5	11*38	Round/Conical	
	ELISA Plate Bucket	4*96 well plate	2612	4000	0.2	86*128	ELISA plate	