

Compact Hydrocarbon-Cooled Centrifuge



LX-60T100R

The LX-60T100R is Haier Biomedical's first centrifuge with pioneering hydrocarbon cooling technology, advancing sustainability without compromising performance. Its versatility makes it ideal for a broad range of applications in clinical, research, and industrial laboratories. It also serves as IVD laboratory equipment when used with IVD tubes and diagnostic analysis systems, separating human blood for hematological, immunological, and cardiovascular diagnostic tests.



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Haier Biomedical



Haier Biomedical International



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Product Features



Adopts natural refrigerant (R290) to ensure optimal cooling performance while minimizing environmental impact



High versatility with 6 different rotor options that cover a wide range of tubes from 0.2 ml to 100ml



Equipped with dual inverter cooling and multiple shock absorption systems, it maintains a sound level below 32dB(A) even at maximum speed



Real time loading imbalance detection, immediate shutdown protection in case of imbalance



RFID rotor identification locks the maximum speed to prevent overspeed operation



Delivers rapid pre-cooling performance, going from room temperature to 4°C in a mere 5 minutes

Intuitive Interface

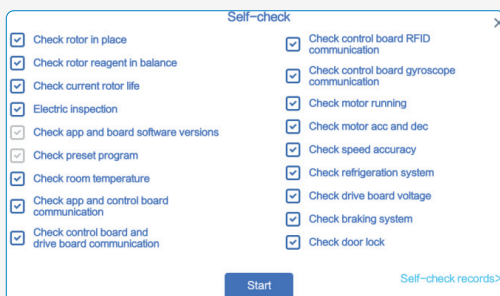
- The 7-inch glove-friendly touchscreen, combined with a wide viewing angle, makes operation more comfortable and practical for users of all heights
- Equipped with user login and password protection, ensuring individualized program data management for each user
- Quick recall feature for over 1000+ programs, minimizing time between runs and facilitating quick starts for routine users
- The speed, centrifugal force, time, and temperature can be adjusted by the user during centrifugation
- 9 acceleration + 10 deceleration stages



Enables simultaneous viewing of setpoints and actual operating conditions



Fast program setup delivers an intuitive view and hassle-free operation



Self-check function to ensure the centrifuge has reached operational status



Electronic level assists in installation and leveling, making installation easier and simpler

➤ Ergonomic Design



➤ Specifications

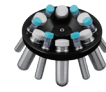
Model	Maximum Capacity	Speed Range (rpm)	Max RCF (xg)	Speed Accuracy (rpm)	Time Setting Range	Precooling Function	Temperature Setting Range (°C)	Display
LX-60T100R	6*100ml	500-6,000	3,578	±5	1s-99h59m59s (1-second increment)	Yes	-20-40, adjustable to 1	7 inch touch screen

Noise Level (dB(A))	Power Supply (V/Hz)	Power (W)	Exterior Dimensions (W*D*H)(mm)	Lid Opening Height (mm)	Net Weight (kg)
≤32 with fixed-angle 24x1.5 ≤52 with swing-out 4x100	220-240/50/60	850	420*680*330	860	49

Packing Dimensions (W*D*H)(mm)	Gross Weight(kg)	Certifications
528*806*508	61	CE

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

Fixed-angle Rotor



BE No.	BE12CM000	BE12DPZ00	BE12DMZ00	BE12DNZ00
Type	Sealed	Steel sleeves	Steel sleeves	Steel sleeves
Max Capacity	24*1.5/2ml	18*15ml	6*50/15ml	6*100ml
Max RCF (xg)	3,542	3,577	3,577	3,348
Max Speed (rpm)	6,000	5,000	5,000	4,800
Tube per Rotor	24	18	6 pcs(50ml) 6 pcs(15ml)	6
Tube				
Max Tube Capacity	1.5/2ml	15ml	50(15)	100ml
Max Tube Dimension (Ø x L mm)	11*38	17*121	29*118 17*121	41*120
Tube Type	Round/Conical bottom	Round/Conical bottom	Round/Conical bottom	Round bottom

*Haier Biomedical can provide 0.2ml adapter (sets of 24) (BE12J2003),0.5ml adapter (sets of 24) (BE12JN002) for 1.5/2ml tube rotor

Swing-out Rotor



Swing-Out Rotor Block

BE No.	BE12FD001
Max. RCF (xg)	3,347
Max. speed (rpm)	4,600



Bucket (Sets of 4)

BE No.	BE12FV001
Max Capacity	8*5/7ml
Tubes per bucket/rotor	8/32
Tube	
Max Tube Dimensions (Ø x L mm)	13*75/106
Tube Type	Short/long blood collection tube



Swing-Out Rotor Block

BE No.	BE12HD001
Max. RCF (xg)	3,347
Max. speed (rpm)	4,600



Bucket (Sets of 4)

BE No.	BE12H1000
Max Capacity	5*10ml
Tubes per bucket/rotor	5/20
Tube	
Max Tube Dimensions (Ø x L mm)	16*106
Tube Type	Large blood collection tube (Ø16mm)

Adapter (Sets of 50) for BE12H1000

BE No.	BE12JN001
Max Capacity (ml)	5
Tube	
Max Tube Dimensions (Ø x L mm)	13*75
Tube Type	Small blood collection tube



➤ **Swing-out Rotor**



Swing-Out Rotor Block

BE No.	BE12FD001
Max. RCF (xg)	3,347
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Swing-Out Rotor Block

BE No.	BE12FD001
Max. RCF (xg)	3,347
Max. speed (rpm)	4,600



Bucket (Sets of 4)



BE No.	BE12H2000
Max Capacity	2*15ml
Tubes per bucket/rotor	2/8
Tube	
Max Tube Dimensions (Ø x L mm)	17*121
Tube Type	Conical bottom

Bucket (Sets of 4)



BE No.	BE12H3000
Max Capacity	50
Tubes per bucket/rotor	1/4
Tube	
Max Tube Dimensions (Ø x L mm)	29*118
Tube Type	Conical bottom

Bucket (Sets of 4)



BE No.	BE12G7000	BE12J1004
Max Capacity (ml)	100	NA
Bucket Type	Flat bottom	NA

Adapter(Sets of 4) for BE12G7000



BE No.	BE12JU003	BE12JV003	BE12JW003	BE12JX003	BE12JY003	BE12JZ003	BE12J0004
Max Capacity	100ml	50ml	2*15ml	15ml	4*10ml	4*5/7ml	4*1.5/2ml
Tubes per adapter/rotor	1/4	1/4	2/8	1/4	4/16	4/16	4/16
Tube							
Max Tube Dimensions (Ø x L mm)	41*120	29*118	17*121	17*121	16*106	13*75/106	11*38
Tube Type	Round bottom	Conical bottom	Conical bottom	Conical bottom	Large blood collection tube(Ø16mm)	Short/long blood collection tube	Round/Conical bottom

➤ **Swing-out Rotor**



Swing-Out Rotor Block



BE No.	BE12FD001
Max. RCF (xg)	3,347
Max. speed (rpm)	4,600



BD CPT tube bucket
(sets of 4)

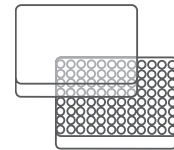
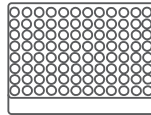
BE No.	BE12G6000
Max Capacity	8
Tubes per bucket/rotor	1/4
Tube	
Max Tube Dimensions (Ø x L mm)	16*130
Tube Type	Round bottom

BE No.	BE12FC001
Max. RCF (xg)	2,245
Max. speed (rpm)	4,500
Max Capacity	2 plates
Bucket Type	Rectangular bottom



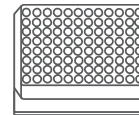
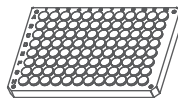
Plate Swing-Out Rotor

Plates for
BE12FC001



Plates per rotor	4	4
W*D*H (mm)	128*86*15	128*86*17.5
Plate Type	MTP (without lid)	MTP (with lid)

Plates for
BE12FC001



Plates per rotor	4	2
W*D*H (mm)	128*86*20	128*86*44.5
Plate Type	PCR plate 96-fold	DWP