

Benchtop Low-speed Centrifuge

Scope of Application:

Specifically designed for routine clinical and life science applications, mainly used for separating whole blood or blood components of human origin and cell collection etc.



LX-60T100-J

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Product Features



Offer a compact footprint and compatible with 5ml, 10ml, 15ml, 50ml or 100ml sample tube, small and large blood collection tubes



Use of brushless induction motors to provide maintenance-free operation, eliminating carbon particle emissions



Optimized sound design for low noise levels ($\leq 56\text{dB(A)}$)



Automatic rotor identification with over speed protection



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



Each rotor use frequency monitoring to guarantee maximum operational safety

Intuitive Interface



LED keypad and control knob for easy operation, the wide viewing angle more comfortable and practical for users of all heights.



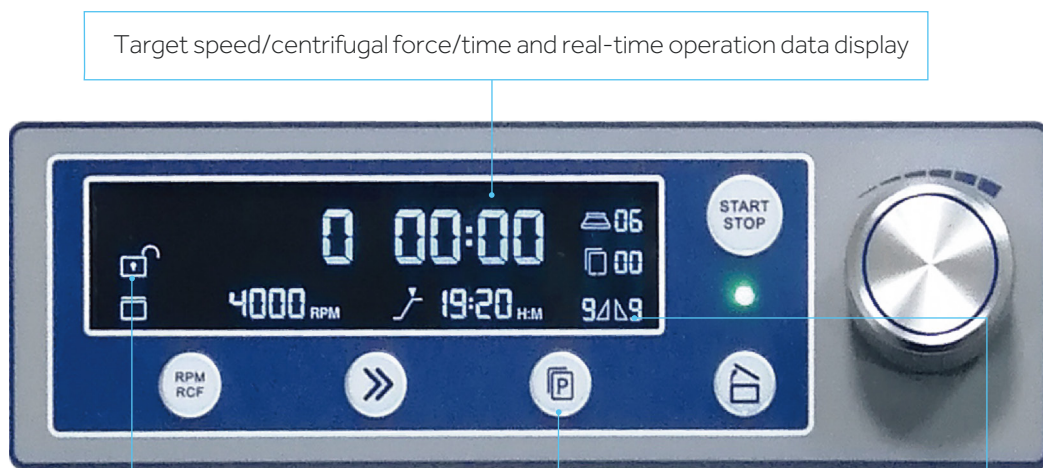
Quick recall of up to 99 programs for quick run start by routine users



9 acceleration + 10 deceleration stages



The speed, centrifugal force, time and temperature can be changed by user during the centrifugation process.



Target speed/centrifugal force/time and real-time operation data display

Screen lock function to prevent press errors

One key to recall stored programs for more convenient operation

Acceleration/Deceleration rates

Product Parts



Patented anti-seismic door lock. In case of abnormal vibration, the cover can be locked reliably



Unique air duct structure design, the heat inside the centrifugal chamber can dissipate quickly



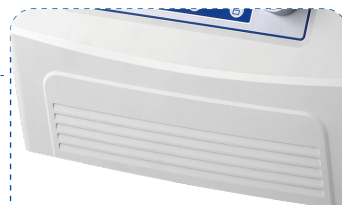
Motorized gas springs with safety protection



316 stainless steel centrifuge chamber is rust-free and easy to clean



USB port for exporting operation record including speed, time and temperature, operation curve with alarm messages etc



Triple-layer construction to ensure safe use

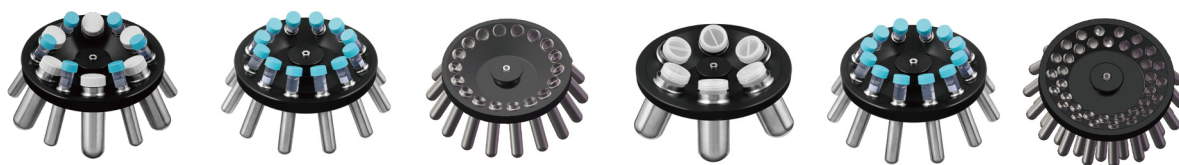
Specifications

| Model | Maximum Capacity | Speed Range (rpm) | Max RCF(xg) | Speed Accuracy | Time Setting Range | Display | Noise Level dB(A) | Power Supply |
|-------------|------------------|-------------------|-------------|----------------|-----------------------------------|---------|-------------------|----------------|
| LX-60T100-J | 6*100ml | 500~6000 | 4749 | ±10rpm | 1s~99h59m59s (1-second increment) | LED | ≤56 | AC220V 50/60HZ |

| Power(W) | Exterior Dimensions (W*D*H)(mm) | Lid Opening Height (mm) | Net Weight (kg) | Packing Dimensions (W*D*H)(mm) | Gross Weight (kg) | Certifications |
|----------|---------------------------------|-------------------------|-----------------|--------------------------------|-------------------|----------------|
| 150 | 340*447*281 | 627 | 25 | 441*544*421 | 28 | CE |



Fixed-angle Rotor



| BE No. | BE11D6000 | BE11D5000 | BE11DT000 | BE11D7000 | BE12D6000 | BE11DU000 |
|--------------------------------|----------------------------|----------------------|----------------------|--------------|-----------------------------|-----------------------------|
| Type | Steel sleeve | Steel sleeve | Steel sleeve | Steel sleeve | Steel sleeve | Steel sleeve |
| Max Capacity | 6*50(15)ml | 12*15ml | 18*15ml | 6*100ml | 12*10ml | 36*10ml |
| Max RCF (xg) | 3578 | 4749 | 3578 | 3349 | 2683 | 2465 |
| Max Speed (rpm) | 5000 | 6000 | 5000 | 4800 | 5000 | 4200 |
| Max Tubes Per Rotor | 6 pcs(50ml) 6 pcs(15ml) | 12 | 18 | 6 | 12 | 36 |
| Tube | | | | | | |
| Max Tube Capacity (ml) | 50 (15)ml | 15ml | 15ml | 100ml | 10ml | 10ml |
| Max Tube Dimensions (Ø x L mm) | 29*118 17*121 | 17*121 | 17*121 | 41*120 | 15*105 | 15*105 |
| Tube Type | Round/Conical bottom | Round/Conical bottom | Round/Conical bottom | Round bottom | Large blood collection tube | Large blood collection tube |

Adapter(Sets of 50) for BE12D6000, BE11DU000

| BE No. | BE12JN001 |
|--------------------------------|-----------------------------|
| Max Capacity (ml) | 5ml |
| 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. | BE12F2001 |
| Max. RCF | 2770xg |
| Max. speed | 4200rpm |



Bucket (Sets of 4)



| | |
|---------------------------------------|---|
| BE No. | BE12H8000 |
| Max Capacity | 1*15ml 2*10ml 2*5ml |
| Tubes per bucket/rotor | 15ml(1/4), 10ml(2/8) 5ml(2/8) |
| Tube |  |
| Max Tube Dimensions (Ø x L mm) | 17*121 16*86 13*75 |
| Tube Type | 15ml(Conical bottom) 10ml/5ml(Round bottom) |




Swing-out Rotor Block

| | |
|-------------------|------------------|
| BE No. | BE12F2001 |
| Max. RCF | 2770xg |
| Max. speed | 4200rpm |




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) | 15*105 |
| Tube Type | Large blood collection tube |

Adapter(Sets of 50) for BE12H1000

| | |
|---------------------------------------|---|
| BE No. | BE12JN001 |
| Max Capacity (ml) | 5ml |
| 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. | BE12F2001 |
|------------|-----------|
| Max. RCF | 2770xg |
| Max. speed | 4200rpm |



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 |



Swing-out Rotor Block




| BE No. | BE12F2001 |
|------------|-----------|
| Max. RCF | 2770xg |
| Max. speed | 4200rpm |



Bucket (Sets of 4)



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

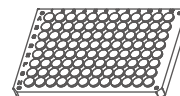
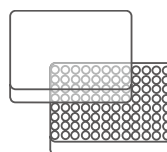
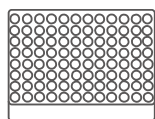
 **Swing-out Rotor**

| | |
|---------------------|--------------------|
| BE No. | BE12F3001 |
| Max. RCF | 2130xg |
| Max. speed | 4200rpm |
| Max Capacity | 2 plates |
| Bucket Type | Rectangular bottom |



Plate Swing-out Rotor

Plates for
BE12H5000



| | | | |
|-------------------------|----------------------|-------------------|----------------------|
| Plates per rotor | 2 | 2 | 2 |
| W*D*H (mm) | 128*86*15 | 128*86*17.5 | 128*86*20 |
| Plate Type | MTP (without lid) | MTP (with lid) | PCR plate 96-fold |