

# Benchtop High-speed Microcentrifuge

## LX-165T2-J



## Scope of Application

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



Fast sample processing at maximum speeds of up to 16,500 rpm



Optimized sound design for low noise levels ( $\leq 58\text{dB(A)}$ )



Compact footprint with a wide array of microcentrifuge tubes from 0.2 to 5 ml

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**Product Features**



Fast sample processing at maximum speeds of up to 16,500rpm (25,872xg)



Compact footprint with a wide array of microcentrifuge tubes from 0.2 to 5 ml



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



Automatic rotor identification with over speed protection



Optimized sound design for low noise levels ( $\leq 58\text{dB(A)}$ )



Each rotor use frequency monitoring to guarantee maximum operational safety



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

**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



2 acceleration + 2 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



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



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



Triple-layer construction to ensure safe use





**Specifications**

Model	Maximum Capacity	Speed Range (rpm)	Max RCF(xg)	Speed Accuracy	Time Setting Range	Display
LX-165T2-J	12*5ml	500-16500	25872	±10rpm	1s~99h59m59s (1-second increment)	LED

Noise Level dB(A)	Power Supply (V/Hz)	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
≤58	AC220/50/60	230	270*375*252	526	18	375*560*370	20	CE

 **Fixed-angle Rotors**



	BE12C5Z00	BE12C4Z00	BE12D4Z00	BE12E4Z00
<b>Type</b>	Plastic cover	Sealed	Sealed	Sealed
<b>Max Capacity</b>	24*1.5/2ml	24*1.5/2ml	12*5ml	4*8*0.2ml
<b>Max RCF (xg)</b>	25872	21382	21407	18891
<b>Max Speed (rpm)</b>	16500	15000	15000	15000
<b>Tubes per Rotor</b>	24	24	12	4
<b>Tube</b>				
<b>Max Tube Capacity (ml)</b>	1.5/2ml	1.5/2ml	5ml	0.2 ml 8-strip PCR
<b>Max Tube Dimensions (Ø x L mm)</b>	11*38	11*38	13.5*75	6*18
<b>Tube Type</b>	Round /Conical bottom	Round /Conical bottom	Round bottom	PCR

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