

Benchtop High-Speed Microcentrifuge

LX-165T2-J



Scope of Application

It is widely used in fields such as life sciences, biology, medical research, pharmaceuticals, geology, agriculture and forestry, petrochemicals, light industry, and metal particles, for rapid separation and extraction of trace samples. It also serves as IVD lab equipment for separating human blood, used in diagnostic tests like hematological, immunological screening, and cardiovascular assessment.



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 ml 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 ($\leq 58\text{dB(A)}$)



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 + 3 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



Triple-layer construction to ensure safe use



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



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



Emergency lid release, pry out the white plastic plug on the side plate with a tool and pull the attached release cord to open the lid



Specifications

Model	Maximum Capacity	Speed Range (rpm)	Max RCF(xg)	Speed Accuracy (rpm)	Time Setting Range	Display
LX-165T2-J	12*5ml	500-16,500	25,872	±10	1s-99h/59min (1s/1min 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	220-240/50/60	230	270*375*252	526	18	375*560*370	20	CE

Laboratory centrifuges contain fluorinated greenhouse gases in the sealing equipment.



Fixed-Angle Rotors



BE No.	BE12C5Z00	BE12C4Z00	BE12D4Z00	BE12E4Z00
Type	Plastic cover	Sealed	Sealed	Sealed
Max Capacity	24*1.5/2ml	24*1.5/2ml	12*5ml	4*8*0.2ml
Max RCF (xg)	25,872	21,382	21,407	18,891
Max Speed (rpm)	16,500	15,000	15,000	15,000
Tubes per Rotor	24	24	12	4
Tube				
Max Tube Capacity (ml)	1.5/2ml	1.5/2ml	5ml	0.2 ml 8-strip PCR
Max Tube Dimensions (Ø x L mm)	11*38	11*38	13.5*75	6*18
Tube Type	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