

Microcentrifuge IBMC-6024R(220V/50Hz)



Microcentrifuge IBMC-6024R is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for high end research applications i.e. sedimentation of cells and viruses, separation of sub-cellular organelles, isolation of macromolecules such as DNA, RNA, proteins or lipids.

Precise control

1. Brushless DC motor accelerates quickly and effortlessly to the set speed
2. High accuracy of speed in ± 20 rpm
3. Operation can be timed from 30 seconds to 99 minutes or used in continuous mode
4. Timer starts once the target speed reached, for accurate separation time

Ergonomic design

1. User-friendly large LCD display shows running information
2. Both RPM or G-force can be set and displayed
3. The parameters can be modified after the set speed is reached.
4. The short spin function is used for quick spins by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed.
5. Automatic release of lid when the rotor stops to save processing time (excluding IBMC-6024R)
6. Easy-to-read display and sound alerts

Technical Specification:

Product Type	Micro Centrifuge
Model	IBMC-6024R
Speed Range (rpm)	15000rpm
Max RCF	21380xg
Capacity	5mLx18; 0.2mL/0.5mL/1.5mL/ 2mLx24; 0.5mLx36; PCR8x4
Speed Increment (rpm)	200-15000rpm
Run Time	30sec to 99min-HOLD (Continuous operation)
Temperature Range (°C)	-20 to 40 °C
Drive System	Brushless DC motor
External Dimensions (HxLxW) mm	338x580x324 mm
Net Weight (kg)	30 kg
Electrical Requirements	220V/50Hz
Catalogue No.	140751002

Technical Data:

Model	IBMC-6024	IBMC-6024R	IBMC-6124
Max. capacity	5mLx18; 0.2mL/0.5mL/1.5mL/ 2mLx24; 0.5mLx36; PCR8x4		24 capillary tubes and 2mLx24 rotor
Max. speed rpm (Angle rotor)	15000rpm (200-15000rpm), increment:10rpm	15000rpm (200-15000rpm), increment:10rpm	200 to 14000 rpm
Max. RCF[xg]	21380xg, increment:10xg	21380xg, increment:10xg	18620xg
Noise level at max. speed(approximately)	758	756	
Revolution/rpm	± 20 rpm		
Temperature Range	N/A	-20 to 40 °C	N/A
Run Time	30sec to 99min-HOLD (Continuous operation)		
Driving Motor	Brushless DC motor		
Dimensions	280x364x266 mm	338x580x324 mm	280x364x274 mm
Weight	12kg	30kg	10 kg
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz
Catalogue No.	140750501	140750502	140751001



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