Microcentrifuge IBMC-6024(220V/50Hz)



Microcentrifuge IBMC-6024 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-6024
Speed Range (rpm)	15000rpm
Max RCF	21380×g
Capacity	5mL×18;0.2mL/0.5mL/1.5mL/ 2mL×24;0.5mL×36; PCR8×4
Speed Increment (rpm)	200-15000rpm
Run Time	30sec to 99min-HOLD (Continuous operation)
Drive System	Brushless DC motor
External Dimemsions (HxLxW) mm	280×364×266 mm
Net Weight (kg)	12 kg
Electrical Requirements	220V/50Hz
Catalogue No.	140750502

Technical Data:

Model	IBMC-6024		IBMC-6024R		IBMC-6124	
Max. capacity	5mL×18;0.2mL/0.5mL/1.5mL/ 2mL×24;0.5mL×36; PCR8×4				24 capillary tubes and 2ml×24 rotor	
Max. speed rpm (Angle rotor)	15000rpm (200-15000rpm), increment:10rpm		15000rpm (200-15000rpm), increment:10rpm		200 to 14000 rpm	
Max. RCF[×g]	21380×g, increment:10×g		21380×g, increment:10×g		18620×g	
Noise level at max. speed(approximately)	?58		?56			
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	280×364×266 mm		338×580×324 mm		280×364×274 mm	
Weight	12kg		30kg		10 kg	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	140750501	140750502	140751001	140751002	140751501	140751502



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