IRIS ANALYTICAL

CENTRIFUGES



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Air-cooled tabletop high speed micro-centrifuge which the functions are powerful, highly commonality and handy for operation, the centrifuge which use the latest controller system which will be reliable quality and superior performance. It widely used in medical laboratory, industrial laboratory, biochemical and molecular biology researching. Also more pronounced in the genetic□protein nucleic acid and PCR field.

- Use the advanced and reliable ST microprocessor control system. Accurate controlled the speed □time and RCF.
- Frequency conversion □brushless motor without maintenance, control speed 100□15000rpm ± 20rpm□
- Centrifuge speed and RCF increase adjustment with 100rpm/100×g, timing control 1-99 minutes or seconds Instantaneous centrifugal, press the□flash□button which can be centrifuged faster.
- The master device and the rotor which use the high strength material, it has nice sealing property and high temperature sterilization performance.
- Stainless steel cavity and solid construction, suitable for continuous use, electronic lock, easy to open lid, automatic locking lid to ensure safety.
- Large LED display showing which can be clear the operating parameter, separated button for RPM/RCF transformation.
- Single knob controlled can be fast changed parameter.
- The centrifuge have door cover protection , excessive speed and imbalance detection system, which can be real-time monitoring , ensure the centrifuge safe operation, when appear the imbalance sound signal reminder and stop operation at the same time ,LED display show the error code .
- Automatic opened the cover when finish the operating ,The samples will not overheating and discharge the sample more convenient
- The rotor have the sealed cover, it will be prevent the contamination from sample.

High Performace Design

- The lid remains closed after spins to keep the chamber temperature and protect sensitive samples
- FastTemp function for fast pre-cooling and maximum temperature accuracy inside the rotor
- Powerful and efficient cooling system quickly cools down chamber to 2°C only in 7 minutes and maintains the samples temperature under 2°C at maximum speed with a room temperature at 25°C.

Powerful and efficient cooling system

- Pre-cooling provides cool down prior to operation and keeps the chamber at the pre-set temperature
- Powerful cooling system quickly cools down chamber to 2°C after only 7 minutes and maintains the samples temperature under 2°C at maximum speed.
- Sound alert and the lid remains closed after operation to maintain the chamber temperature
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life

Precise control

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

Ergonomic design

- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached.
- 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.
- Automatic release of lid when the rotor stops to save processing time
- Easy-to-read display and sound alerts

CM-400 Series Microcentrifuge

CM-400 Series tabletop high speed micro-centrifuge which the functions are powerful, highly commonality and handy for operation, The centrifuge which use the latest controller system which will be reliable quality and superior performance . It widely used in medical laboratory, industrial laboratory , biochemical and molecular biology researching . Also more pronounced in the genetic protein nucleic acid and PCR field.



- Use the advanced and reliable ST microprocessor control system. Accurate controlled the speed □time and RCF.
- Frequency conversion □brushless motor without maintenance, control speed 100□15000rpm ± 10rpm□
- Centrifuge speed and RCF increase adjustment with 100rpm/100×g,timing control 1-99 minutes or seconds Instantaneous centrifugal, press the□flash□button which can be centrifuged faster.
- The master device and the rotor whichi use the high strength material ,it have nice sealing property and high temperature sterilization performance .
- Stainless steel cavity and solid construction, suitable for continuous use, electronic lock, easy to open lid, automatic locking lid to ensure safety.
- Large LED display showing which can be clear the operating parameter, separated button for rpm/rcf transformation .
- Single knob controlled can be fast changed parameter.
- The centrifuge have door cover protection , excessive speed and imbalance detection system, which can be real-time monitoring , ensure the centrifuge safe operation, when appear the imbalance sound signal reminder and stop operation at the same time ,LED display show the error code .
- Automatic opened the cover when finish the operating ,The samples will not overheating and discharge the sample more convenient
- The rotor have the sealed cover, it will be prevent the contamination from sample .

High Speed Micro Centrifuge CM-500 Series

High speed micro-centrifuge CM-500 Series is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for highend research applications i.e. sedimentation of cells and viruses, separation of sub-cellular organelles, isolation of macromolecules such as DNA,RNA, proteins or lipids



- 2-point lid-lock mechanism – ensures secure closure Automatic lid opening when run is complete
- High strength aluminium alloy rotor can be fully autoclaved with unlimited service life
- Special multi-flow air cooling design helps keep lower rotor temperature
- Intuitive symbols –display run status
- Full-digit speed display (rpm/Rcf) – easy identification of parameters
- Centrifuge goes into a self-diagnostics when switched on and then displays accumulative running time and last running parameters
- The short spin function is used for quick spins by pressing and holding PULSE key
- Special multi-flow air cooling design protects sensitive samples (CM-1024)
- FastTemp function for fast pre-cooling and maximum temperature accuracy inside the rotor (CM-1024R)

Precise control

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

Ergonomic design

- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached.
- 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.
- Automatic release of lid when the rotor stops to save processing time (excluding D3024R)
- Easy-to-read display and sound alerts

Microcentrifuge CM-200 Series

The Iris CM-200 Series Microcentrifuge is perfect for quick spin downs the Mult-Rotor can be placed 12 microtubes and /or 4(8X0.2ml) PCR strips and the Strip-Rotor can be placed 4 (12X0.2ml) PCR strips. The Max speed can be reach 12000rpm/min. The CM-100 Series Microcentnfuge is a personal centrifuge with unmatched capacity and flexibility.



The CM-200 Series is the most powerful microcentrifuge which can be placed with 12X1.5ml / 2.0ml tubes, 32X0.2ml PCR tubes, 4 XPCR strips (8X0.2 ml) or 4X PCR strips (12X0.2ml)

The CM-207/212 is extremely compact with exceptionally small footprint, spins from 1000rpm - 7000rpm,RCF 3240xg/1000rpm-12000rpm, RCF 9151xg.

- Time from 1sec-999min
- Multi-Rotor for tubes and Strips
- LCD display of time and speed
- Double capacity of minicentrifuge
- Adjustable speed from 1000rpm-12000rpm

High Speed Micro Centrifuge CM-800 Series

The CM-800 Series high speed microcentrifuge provides excellent centrifugal effect and is easy to be used with high reliability and safety. It can be widely used in laboratories, clinics and research institutes. The CM-813/CM-813R microcentrifuges are specifically designed for low to medium capacity in 1.5/2.0ml tubes and PCR strip tubes.



- Maximum speed 13,800rpm
- Maximum capacity 24×1.5/2.0ml, 16×5ml
- Equipped with a precise electronic imbalance detection system.
- Uses a patented lid-lock system for safety.
- LCD display which indicates the speed, RCF, time, temperature, acceleration, braking rates and error message.
- CFC-free unit with a temperature control range of -10 to 40℃ (CM-1500R).
- Provides rotor pre-cooling function.
- Coupled with induction drive without carbon brushes
- Fixed angle rotor #1303 is offered as a standard accessory.
- Five autoclavable (121℃, 20min) ultra-duralumin airtight rotors are available.
- Our laboratory centrifuge offers automatic rotor identification function.
- It will give alarms if there is any abnormality.
- Our laboratory centrifuges provide a maximum speed of 13800rpm and a maximum RCF of 17458×g.

Microcentrifuge IBMC-1000 Series

Microcentrifuge IBMC-1000 Series provides quick cooling function with ST microprocessor control system for rapid pre-cooling of rotor and centrifuge. Spins sample volumes up to 400ml (5ml×8/100mlx4) with maximum speed 6000 rpm. The IBMC-1000 designed for multipurpose with the availability of multiple ranges of swing rotors, angle rotors, ELISA Plate Rotor, and basket. Maintenance-free brushless motor drive. Suitable for medical laboratory, industrial laboratory, biochemical, and molecular biological research applications. Features with LED display and keypad and single knob controlled to change parameter quickly.



- Comes with the digital LED screen with multi-functional knob combination
- Eco friendly with high-efficiency refrigerating system
- Centrifugal chamber is constructed with stainless steel
- New high torque frequency conversion driving motor
- Small footprint and easy handling
- Versatile and reliable
- Adopt a new ST microprocessor control system
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Automatic lid opening function
- Rotors comes with sealed cover with addition accessories
- Suitable for medical laboratory, industrial laboratory, biochemical and molecular biological research applications

Accessories



Basket /swing rotor 100mlx4



Basket /swing rotor 50mlx8



Basket /swing rotor 15mlx16



Basket /swing rotor 50mlx4



Basket /swing rotor 5mlx24



Elisa Plate Rotor 2x2x96



Angle Rotor 15mlx12

Rotors

Rotor	Capacity
Swing Rotor 1:	50x4 ml;5000rpm;4980xg
Swing Rotor 2:	100x4ml;5000rpm;4600xg
Swing Rotor 3:	50x8ml;4000rpm;2720xg
Swing Rotor 4:	15x16ml;4000rpm;2790xg
Swing Rotor 5:	5x24ml;4000rpm;2540xg
ELISA Plate Rotor 6:	2x2x96 holes;3500rpm;2190xg
Angle Rotor 7:	15x12ml;6000 rpm;5150xg
Basket 8:	8/10×16;40002557

Model	IBMC-1000
Capacity	400ml(5ml×8/100mlx4)
Max RCF	5150xg
Speed Range	6000rpm
Noise	?650dB(A)
Display	LED
Power Consumption	420 W
Dimension	390x500x3200 mm
Net Weight	29.5 kg
Electrical Requirement	AC230V/50, 60Hz
Catalogue No.	140500502

Microcentrifuge IBMC-2000 Series

Microcentrifuge IBMC-2000 Seriesaffordable microcentrifuge with quick cooling function with ST microprocessor control system for rapid pre-cooling of rotor and centrifuge. Spins sample volumes up to 50ml(5ml×10) with a maximum speed of 15000 rpm. The IBMC-2000 designed for multipurpose with the availability of multiple ranges of swing rotors, angle rotors, ELISA Plate Rotor, and basket. Maintenance-free brushless motor drive. Suitable for medical laboratory, industrial laboratory, biochemical, and molecular biological research applications. Features with LED display and keypad and single knob controlled to change parameter quickly.



- Comes with a digital LED screen with multi-functional knob combination
- Eco friendly with high-efficiency refrigerating system
- Centrifugal chamber is constructed with stainless steel
- New high torque frequency conversion driving motor
- Small footprint and easy handling
- Versatile and reliable
- Adopt a new ST microprocessor control system
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Automatic lid opening function
- Rotors come with sealed cover with addition accessories
- Suitable for medical laboratory, industrial laboratory, biochemical and molecular biological research applications

Accessories



Capillary blood volume tubex24



5mlx10 Angle rotor



0.5mlx36Angle rotor



PCR0.2x8mlx4Angle rotor



1.5/2.0mlx24 Angle rotor

Rotors

Rotor	Capacity
Angle rotor 1:	**1.5/2.2×24ml;15000rpm;15300xg**
Angle rotor 2:	**5×10ml;13500rpm;12920xg**
Angle rotor 3:	**PCR 0.2×8×4ml;14800rpm;16200xg**
Angle rotor 4:	**0.5×36ml;13500rm;13250rpm**
Capillary blood volume tube:	**Capillary blood volume tube ×24ml;12000rpm;1530xg**

Model	IBMC-2000
Capacity	50ml(5ml×10)
Max RCF	15000 rpm angle rotor
Speed Range	20375xg
Noise	?60dB(A)
Power Consumption	450 W
Dimension	280×360×250 mm
Weight	17 kg
Electrical Requirement	AC230V/50,60Hz
Catalogue No.	140550502

Microcentrifuge IBMC-3000 Series

Microcentrifuge IBMC-3000 Series are ISO9001, CE, and FDA certify programmable micro refrigerated centrifuge and ideal for collecting microorganisms, cell debris, cells, large organelles, sulphate precipitates, and immune deposits, etc. small footprint of capacity up to 36x1.5 ml/2.2ml with maximum speed ranging 16500 rpm. Microcomputer control, DC brushless motor. Features with LCD touch screen with multi-functional knob combination parameters. Available with 9 profiles for acceleration and for deceleration with high efficiency. For safety we introduced electronic door lock function and, imbalance detection, over-speed protection, inching function, short-spin function.



- Display LCD screen and touch panel
- DC brushless motor
- ISO9001, CE, and FDA certified
- Great speed accuracy
- Low noise: <65dB(A)
- Constant operation
- Easy, convenient and programmable operations
- Automatic storage of data
- Real-time conversation of speed and RCF is suitable for operation
- Equipped with self-locking device
- Automatic alarm device
- Over speed safety device
- User-friendly interface

Rotors

Model	IBMC-3015
Rotor	Rotor 1:1.5/2.2ml×12; 16500rpm;18360×g Rotor 2:5ml×12; 12000rpm;10142×g Rotor 3:1.5/2.2ml×24;15000rpm;21530×g Rotor 4:1.5/2.2ml×36; 11000rpm;10790×g Rotor 5: 0.5ml×48; 12000rpm;10920×g Rotor 6:0.2ml×8×3;15000rpm;13800×g Rotor 7:0.5ml×18; 16000rpm;15300×g

Model	IBMC-3015		IBMC-3017	
Capacity	36x1.5 ml/2.2ml		1.5ml/2.2ml×36	
Max Speed	16500 rpm		17000 rpm	
Max RCF	21532×g		21532×g	
Revolution/rpm	± 30rpm			
Noise	<65dB(A)			
Time Setting	1min to 99h, 59min			
Certification	ISO9001, CE, and FDA			
Display	LCD			
Power Consumption				
Dimension	280×540×300 mm			
Packing Size	400×660×400 mm		480×670×585 mm	
Weight	30 kg			
Electrical Requirement	AC110/50Hz, 10A,	220V/60Hz, 10A	AC110/60Hz,	220V/50Hz
Catalogue No.	140600501	140600502	140601001	140601002

Microcentrifuge IBMC-4000 Series

Microcentrifuge IBMC-4000 Seriesdesign with interchangeable rotors for the procedure with 12×1.5 ml, 2×8×0.2 ml (PCR) strip tubes with adjustable timing, and RPM during operation anytime, as well as to check centrifugal force without stopping the machine. The IBMC-4000 Series use in different applications PCR laboratories, clinical research and molecular biology and general cell culture applications. For safety, we introduced an electronic door lock. Available different accessories which can accommodate different capacities rotors.



- Designed with digital display to set time, speed and centrifugal force
- Offer reliable performance that maximizes sample productivity
- Equipped with the real-time conversion of RPM or RCF
- Easy handling with 6 buttons
- Short acceleration time
- Manufactured in compliance with microprocessor
- Easy and automatic lids opening
- Provide automatic safety concern doors
- Provide easy and quit operation with adopting the mode drive
- Versatile and supreme handling performance with a constant focus on better-quality safety and robustness

Applications

- Extract serum from blood
- Extract supernate
- Sample rapid precipitation
- Microcell separation
- PCR Experimental zone centrifugation
- Microbiological sample treatment

Model	IBMC-4100	IBMC-4200	IBMC-4300	IBMC-4400
Shaking Speed	6000 rpm	10000 rpm	12000 rpm	6000 rpm
RCF Speed	1248×g	6596×g	7567×g	2374×g
Rotors Capacity	2x8x0.2 ml	12x1.5/0.5/0.2 ml	6x1.5/0.5/0.2 ml	12×1.5 ml, 2×8×0.2 ml (PCR)
Display	Digital Display			
Noise	?48Db			
Power Consumption	50 VA			
Dimension	230x190x170 mm			
Weight	4.5 kg			
Power	50VA			
Dimension	230x190x170 mm			
Weight	4.5 kg			
Electrical Requirement	AC 220V 50/60Hz			
Catalogue No.	140650502	140651002	140651502	140652002

Microcentrifuge IBMC-5000 Series

Microcentrifuge IBMC-5000 Series design with interchangeable rotors for the procedure with 1.5 ml microtubes and 0.5 ml PCR strip tubes with adjustable timing and RPM during operation anytime, as well as to check centrifugal force without stopping the machine. The IBMC-5000 Series use in different applications PCR laboratories, clinical research and molecular biology and general cell culture applications. For safety we introduced an electronic door lock. Available different accessories which can accommodate 18×0.5ml, 12×1.5ml multiple tube strips.



- Energy-efficient AC brushless regulating motor
- Available with 10 profile for acceleration and 10 for deceleration, high efficiency
- 40 groups of program storage space, users can program and adjust freely
- Protective electronic with lock door, electric door with imbalance protection to provide more protection and safety along with automatic balancing without the need for trimming
- Designed digital LED screen to show various information including running time, speed, RCF
- Available 15 memory slots for your personal settings
- Eco friendly with high-efficiency refrigerating system, able to maintain temperature under 0℃ during maximum RPM
- Centrifugal chamber are constructed with stainless steel
- Designed with air exhaust temperature and low noise compressor
- Small footprint and easy handling

Rotors

Models	IBMC-5100	IBMC-5160	IBMC-5170	IBMC-5160R
Rotor	Angle Rotor 1: 12×1.5ml; 16000rpm/17800×g, Angle Rotor 2: 24×1.5ml; 14000rpm/18757×g	Angle Rotor 1:12/16×1.5/2.2ml; 16500rpm/18360×g Angle Rotor 2: 10/12×5ml; 15000rpm/15940×g Angle Rotor 3:24×1.5/2.2ml; 14000rpm/18757×g	Angle Rotor 1: 12×1.5/2.2ml; 17000rpm/19515×g Angle Rotor 2: 10x5ml; 15000rpm/15940xg	Angle Rotor 1: 12/16×1.5/2.2ml; 16000rpm/17800×g Angle Rotor 2: 18×0.5ml; 15000rpm/14080×g Angle Rotor 3: 10/12×5ml; 15000rpm/15940×g Angle Rotor 4: 24×1.5/2.2ml; 14000rpm/18757×g

Model	IBMC-5100	IBMC-5160	IBMC-5170	IBMC-5160R
Capacity	24×1.5ml	10/12×5ml	10×5ml	10/12×5ml
Max RCF	18757×g	18757×g	19515×g	18757×g
Speed Range	16000rpm	16500rpm	17000rpm	16000rpm
Noise	< 60dB?A)	? 65dB?A?		
Rotor Diameter	160 mm	200 mm	200 mm	160 mm
Temperature Range	-			-20? to 40?
Revolutions/min	±20 rpm			
Temperature Accuracy	-			±1.0?
Timer	1 to 99 min			
Power Consumption	150 W	250 W	250 W	400 W
Internal Dimension	315×270×240 mm	315×270×240 mm	315×270×240 mm	510X280X270 mm
External Dimension	415×370×315 mm	380×350×300 mm	380×350×300	610X380X370 mm
Net Weight	10kg	11kg	11kg	40 kg
Gross Weight	12kg	13kg	15kg	45 kg
Electrical Requirement	AC 220±22V 50/60Hz 3A	AC 220±22V 50/60Hz 10A		
Catalogue No.	140700502	140701002	140701502	140702002

Microcentrifuge IBMC-6000 Series

Microcentrifuge IBMC-6000 Series 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.



- 2-point lid-lock mechanism – ensures secure closure Automatic lid opening when the run is complete
- High strength aluminum alloy rotor can be fully autoclaved with unlimited service life
- Special multi-flow air cooling design helps keep lower rotor temperature
- Intuitive symbols –display run status
- Full-digit speed display (rpm/Rcf) – easy identification of parameters
- Centrifuge goes into a self-diagnostics when switched on and then displays accumulative running time and last running parameters
- The short spin function is used for quick spins by pressing and holding PULSE key
- Special multi-flow air cooling design protects sensitive samples
- FastTemp function for fast pre-cooling and maximum temperature accuracy inside the rotor

Precise control

- Brushless DC motor accelerates quickly and effortlessly to the set speed
- High accuracy of speed in ±20 rpm
- An operation can be timed from 30 seconds to 99 minutes or used in continuous mode
- The timer starts once the target speed reached, for accurate separation time

Ergonomic design

- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached.
- 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.
- Automatic release of lid when the rotor stops to save processing time
- Easy-to-read display and sound alerts

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	
Interference suppression						
Noise level at max. speed(approximately)	?58		?56			
Revolution/rpm	±20 rpm					
Temperature Range	N/A		-20oC to 40Oc			
Run Time	30sec to 99min-HOLD (Continuous operation)					
Driving Motor	Brushless DC motor					
Weight including rotor						
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

Refrigerated Microcentrifuge IBMC-7000 Series

Refrigerated Microcentrifuge IBMC-7000 Series are tabletop for angle rotor of capacity 1.5/2.2×24 ml refrigerant high-speed microcentrifuge. The IMC-5000 worked under temperature range -20℃ to 40℃. Designed for multipurpose with the availability of multiple ranges of swing rotors, angle rotors, ELISA Plate Rotor, and basket. Maintenance-free brushless motor drive. Suitable for medical laboratory, industrial laboratory, biochemical, and molecular biological research applications. Features with LCD display and keypad and single knob controlled to change parameter quickly.



- Teflon coated stainless steel cavity
- Excellent corrosion resistance
- The high-strength main engine and turning head materials
- Support GMP
- In-situ foaming, good insulation effect; accidental power off cover opening device reliable and convenient
- Comes with digital LCD screen with multi-functional knob combination
- Eco friendly with high-efficiency refrigerating system
- Centrifugal chamber is constructed with stainless steel
- New high torque frequency conversion driving motor
- Small footprint and easy handling
- Versatile and reliable
- Adopt a new ST microprocessor control system
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Automatic lid opening function
- Suitable for medical laboratory, industrial laboratory, biochemical and molecular biological research applications

Model	IBMC-7100	IBMC-7200	IBMC-7300	IBMC-7400	IBMC-7500
Capacity	1.5/2.2×24 ml Angle rotor	Capillary blood volume tube X24 Angle rotor	5×10 Angle rotor	PCR 0.2×8×4 Angle rotor	0.5×36 Angle rotor
Max RCF	16000 rpm	12000 rpm	16000 rpm	14800 rpm	15000 rpm
Speed Range	23470xg	14330xg	18140xg	16200xg	16350xg
Display	5 inch LCD				
Rotor	Angle rotor				
Temperature Range	-20~+40 C				
Temperature Accuracy	10 rpm				
Electrical Requirement					
Catalogue No.	1408005-04	1408010-04	1408015-04	1408020-04	1408025-04

High Speed Refrigerated Microcentrifuge IBMC-8000 Series

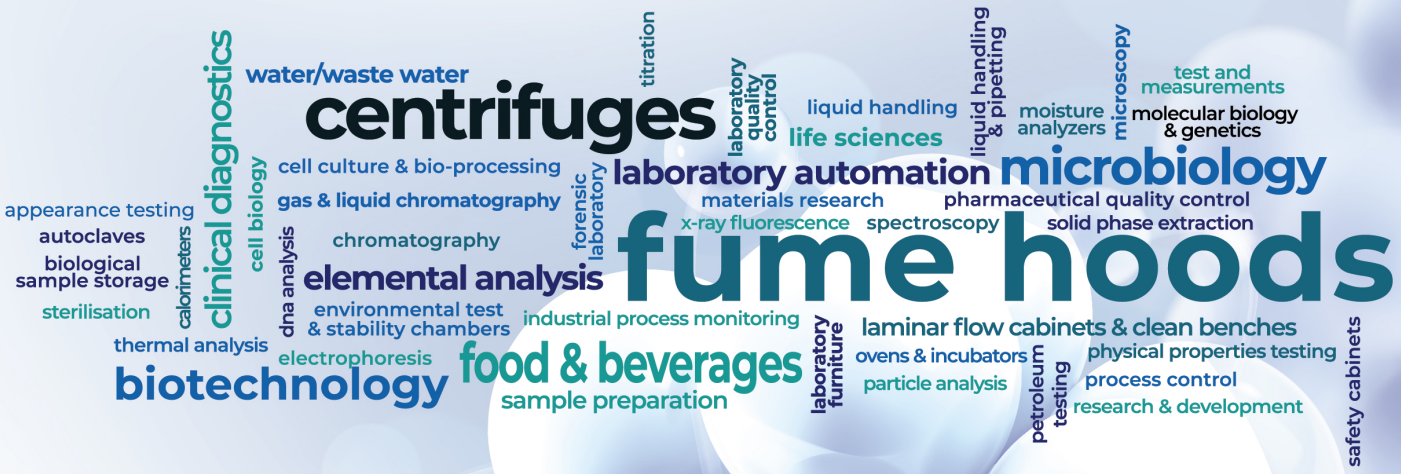
High-Speed Refrigerated Microcentrifuge IBMC-8000 Seriesdesigned with Frequency conversion motor drive. Available capacity 24x1.5ml with maximum speed ranging 15000 rpm. Accommodates standard rotor: 24x1.5ml fixed-angle rotor and selectable rotor: 4x0.2ml x8 PCR tubes. The IBMC-8000 is sealed and can function at high RPM owing to the ability to reduce the heat produced by higher rotation speeds worked under temperature range -10℃ to 35℃.



- Available with a different profile for acceleration and deceleration, high efficiency
- New frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Microcomputer controlled
- Protective electronic with lock door, electric door with imbalance protection to provide more protection and safety along with automatic balancing without the need for trimming
- Designed digital LCD screen with multi-functional knob combination
- Eco friendly with high-efficiency refrigerating system
- Centrifugal chamber is constructed with stainless steel
- Designed with air exhaust temperature and low noise compressor
- CFC-free refrigerants, refrigerating/heating double loop
- Small footprint and easy handling

Model	IBMC-8100	IBMC-8400
Capacity	24x1.5ml	
Max RCF	18800xg	21630xg
Speed Range	14000 rpm	15000 rpm
Noise	?55dB?A?	
Rotor	Standard rotor:24x1.5ml Fixed-angle Rotor Selectable rotor: 4x0.2ml x8 PCR tubes	
Temperature Range	-10? to 35?	
Revolutions/min	±10 rpm	
Temperature Accuracy	±1?	
Timer	1 to 999min, 59s	
Dimension	400x285x285 mm	
Weight	19 kg	
Electrical Requirement	AC 220V 50HZ 15A	
Catalogue No.	140850502	140851002

IRIS ANALYTICAL



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