IRIS ANALYTICAL

CENTRIFUGES



cs@irisanalytical.com

+1 706 760 4500

www.irisanalytical.com

Benchtop Large Capacity Refrigerated Centrifugeis a large capacity centrifuge which is also available as a space and can tolerates a large number of specimens to be centrifuged, up to 750mlx4 and maximum 5800 rpm, allow low-speed routine centrifugation applications.

Benchtop Large Capacity Refrigerated Centrifuge IBLC-2000 Series

Benchtop Large Capacity Refrigerated Centrifuge IBLC-2000 Seriescompiled with microcomputer allows for instant rotor identification, which robotically converts the rotational speed to the relevant RCF checking the user from setting a speed above the capabilities of the installed rotor along with R404a compressor unit and are convenient for a wide range of applications. Features with LCD/LED touch screen with multi-functional knob combination parameters. Accommodates different rotors and adaptors, as these motor capable of accommodating a great number of tubes at once. Available with 9 profiles for acceleration and for deceleration with high efficiency. Additionally, it comes with DC brushless converter motor.



- Energy DC efficient brushless regulating motor
- Available with 9 profile for acceleration and 9 for deceleration, high efficiency
- 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
- Microprocessor 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, LED screen with multi-functional knob combination
- Eco friendly with the high-efficiency refrigerating system, able to maintain temperature under 0℃ during maximum RPM
- Centrifugal chamber is constructed with stainless steel
- Designed with air exhaust temperature and low noise compressor
- CFC-free refrigerants, refrigerating/heating double loop

Rotors

Model	IBLC-2050	IBLC-2080
Swing-out Rotor 1	4000rpm;2810×g	4000rpm;2810×g
Swing-out Rotor 2	7ml×72;4000rpm;2810×g	7ml×72;4000rpm;2810×g
Swing-out Rotor 3	7ml×48;4000rpm;2810×g	7ml×48;4000rpm;2810×g
Swing-out Rotor 4	96mlx8; 4000rpm;2200×g	96mlx8; 4000rpm;2200×g
Swing-out Rotor 5	100ml×4;5000rpm;4390×g	250ml×4;4300rpm;3582×g
Angle Rotor 6	-	100ml×8;8000rpm;9100×g

Model	IBLC-2050		IBLC-2080	
Capacity	15mlx32		250mlx4	
Max RCF	4390xg		9100xg	
Speed Range	5000 rpm		8000 rpm	
Noise	<65dB(A)			
Temperature Range	-5 to +35?			
Revolutions/min	± 30 rpm			
Temperature Accuracy	±1?			
Timer	1 to 99min			
Dimension	460x710x420 mm			
Packing Dimension	580x730x520 mm			
Weight	80 kg			
Electrical Requirement	AC110/50Hz, 5A	220V/60Hz 5A	AC110/50Hz, 5A	220V/60Hz 5A
Catalogue No.	1401350501	1401350502	1401351001	1401351002

Benchtop Large Capacity Refrigerated Centrifuge IBLC-1000 Series

Benchtop Large Capacity Refrigerated Centrifuge IBLC-1000 Seriescompiled with microcomputer allows for instant rotor identification, which robotically converts the rotational speed to the relevant RCF checking the user from setting a speed above the capabilities of the installed rotor along with R404a compressor unit and are convenient for a wide range of applications. Features with LCD/LED touch screen with multi-functional knob combination parameters. Accommodates different rotors and adaptors, as these motor capable of accommodating a great number of tubes at once. Available with 10 profiles for acceleration and for deceleration with high efficiency. Additionally, it comes with DC brushless converter motor.



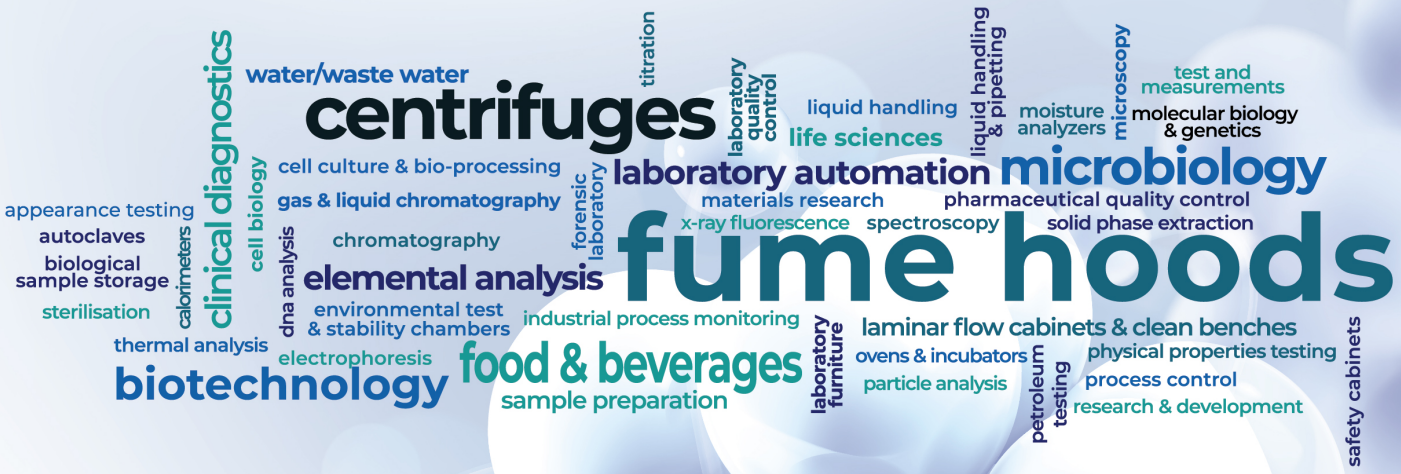
- Energy DC efficient brushless regulating motor
- Available with 10 profile for acceleration and 10 for deceleration, high efficiency
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Microprocessor 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, LED screen with multi-functional knob combination
- Eco friendly with the 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
- CFC-free refrigerants, refrigerating/heating double loop

Rotors

Rotors and adaptor	Capacity
Angle Rotor 1	50ml×6;5800rpm;3760×g
Swing Rotor 2	500ml×4;4000rpm;3040×g
Swing Rotor 3	96mlx8;4000rpm;2200×g
Swing Rotor 4	750ml×4;4000rpm;3780×g
Swing Rotor 5	250ml×6;4200rpm;3500×g
Swing Rotor 6	250ml×4;4300rpm;3582×g

Model	IBLC-1080		IBLC-1080R	
Capacity	750mlx4		750mlx4	
Max RCF	5060xg		5060xg	
Speed Range	5800 rpm		5800 rpm	
Noise	<65dB(A)			
Temperature Range	-		-20 to +40?	
Revolutions/min	± 30 rpm			
Temperature Accuracy	-		±1?	
Timer	1 to 99 min			
Dimension	545x660x490mm		725x660x440 mm	
Packing Dimension	670x780x630 mm		880x780x620 mm	
Weight	72 kg		75 kg	
Electrical Requirement	AC110/50Hz, 5A	220V/60Hz 5A	AC110/50Hz, 5A	220V/60Hz 5A
Catalogue No.	1401300501	1401300502	1401301001	1401301002

IRIS ANALYTICAL



IRIS Analytical Inc.

cs@irisanalytical.com +1 706 760 4500 www.irisanalytical.com