IRIS ANALYTICAL

CENTRIFUGES



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Benchtop Low Speed Centrifugeis a compact and robust small size centrifuge, which is ideal for low-speed routine centrifugation and has been use in medical products, blood bank, and clinical trial and of blood serum, plasma, body fluids and biological specimen in biology laboratory. No extra pressing and knocking down the lid. Low-speed ELISA plate rotor, and basket for 480ml (15mlx36) tubes.

Low Speed Centrifuges IBLC-2000 Series

Low-Speed Centrifuges IBLC-2000 Series accommodates angle, swing rotor, and swing-out ELISA plate rotor as these motor capable of accommodating a great number of tubes at once. Suitable for clinical medicine, radio-immunity, biochemistry, food hygiene, environmental protection, and other research areas. Available with 9 profiles for acceleration and for deceleration with high efficiency. Features with a digital LCD screen to show various parameters including running time, speed, RCF.



- Energy-efficient AC brushless regulating motor
- Available with 9 profile for acceleration and 9 for deceleration, high efficiency
- New frequency conversion driving motor
- 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 to show various information including running time, speed, RCF
- 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
- Small footprint and easy handling

Rotors

Rotor	Capacity		Max Speed	Max RCF
NO. 1 Swing-out Rotor	4x100ml, 4x50ml		5000 rpm	4650Xg
NO. 2 Swing-out Rotor	8x50ml, 8x100ml, 24x15ml, 32x15ml		4000 rpm	
NO. 3 Swing-out Rotor	4x250ml (with a wind cover)		4000 rpm	3100Xg
	Adaptor	4x50 ml, 8x50 ml(Round bottom), 4x100 ml,36x10ml, 40x7 ml, Blood collection tube		
	Special hang rack	48x7 ml Blood collection tube, 64x7 ml Blood collection tube, 8x50 ml		
NO. 4 Swing-out ELISA plate Rotor	2x2x96 holes		4000rpm	1970Xg
NO.5 Swing-out Rotor	Round hang cup	4x500ml	4000 rpm	3400Xg
	Adaptor	4x250ml, 12x50ml, 36x15ml, 76x7ml Blood collection tube		
	Square hang basket	16x50ml, 40x15ml,80x7ml Blood collection tube, 112x7ml Blood collection tube, 100x1.5ml		
	Hang cup	148x5ml Radio-immunity tube, 96x7ml Blood collection tube		
	ELISA plate rack	4x2x96 holes		
NO. 6 Angle Rotor(IBLC-2300)	12x15ml		6000 rpm	5120Xg

Model	IBLC-2100	IBLC-2200	IBLC-2300
Capacity	4X250ml(4000rpm)	4x500ml(4000rpm)	
Max RCF	4650Xg	5200Xg	
Speed Range	5000 rpm	5000 rpm	6000 rpm
Noise	?60dB?A?		
Revolutions/min	±20 rpm		
Motor	frequency conversion motor		
Timer	1 to 99 min		
Dimension	550x450x365 mm	550x450x365 mm	
Weight	40 kg	53 kg	
Electrical Requirement	AC 220V 50HZ 10A		
Catalogue No.	140950502	140951002	140951502

Benchtop Low Speed Centrifuge IBLC-3000 Series

Benchtop Low-Speed Centrifuge IBLC-3000 Series with lock function, self-diagnostic function, and Automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation, and ensuring centrifugal safety. Suitable for clinical medicine, biochemistry, genetic engineering, immunological applications. Features with a 7-inch touch screen with multi-functional knob combination parameters. Accommodates angle, swing rotor, and swing rotor as these motor capable of accommodating a great number of tubes at once.



- Available with 15 profile for acceleration and 15 for deceleration, high efficiency
- New high torque frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety
- Double 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 7-inch 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
- Small footprint and easy handling
- Store up to 99 program groups, 99 use records and fault records can be traced, using hours & minutes and minutes & seconds two timing options

Model	IBLC-3200
Capacity	4×750 ml
Max RCF	5190×g
Speed Range	6500 rpm
Noise	?60dB?A?
Rotor	Angle rotor 1 : 6×50ml, 12×10ml; 6500 rpm, 5190×g Swing out 2: 4×50ml(option); 4000 rpm, 2810×g
Rotor Diameter	430 mm
Revolutions/min	±10 rpm
Timer	1min to 99h, 59min, 59s
Power Consumption	750 W
Dimension	560×460×390 mm
Packing Dimension	637×537×484 mm
Net Weight	58 kg
Electrical Requirement	AC 220±22V 50Hz 15A
Catalogue No.	1401000502

Benchtop Low Speed Centrifuge IBLC-4000 Series

Benchtop Low-Speed Centrifuge IBLC-4000 Series high-performance centrifuge. Offer SCT and SBT speed control parameters to avoid mix up and ensure to get maximum samples. Features with LCD/LED touch screen with multi-functional knob combination parameters. Accommodates swing rotor, and Microplate rotor, 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 a Brushless converter motor, Freon-free compressor, and Aerospace rubber for damping. An advanced microprocessor controls allow 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.



- Energy-efficient brushless regulating motor
- Available with 10 profile for acceleration and 10 for deceleration, high efficiency
- New high torque frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety
- Proprietary SCT and SBT soft brake control technical, to avoid mix up and ensure get a maximum sample
- Double 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

Rotor types	Capacity	Max Speed(rpm)	Max RCFxg	Dimension (mm)
Swing Rotor	4×50/100ml	5500	5310	38×124
	4×500 ml (adaptor 12×50ml /8×100ml)	4000	3580	80×140
	4×250ml (adaptor 8×50ml/32×10ml)	4000	3500	64×113
	4×750ml	4000	3580	
	32×10/15ml	4000	2810	16×85-118
	8×50ml	4000	2810	28×105-115
	48×5ml	4000	2800	14×54
	148×7ml	4000	3080	13×78
	120×7ml	4000	3080	Blood tube
Micro plate Rotor	2×2×96 wells	4000	2300	Microplate

Model	IBLC-4400
Capacity	3000 ml
Max RCF	5310×g
Speed Range	5500 rpm
Noise	?60dB
Revolutions/min	±20 rpm
Timer	1 to 999min/sec
Dimension	540×460×390 mm
Weight	54 kg
Electrical Requirement	AC 220V 50Hz 15A
Catalogue No.	1401050502



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