IRIS ANALYTICAL

CENTRIFUGES



cs@irisanalytical.com

+1 706 760 4500

www.irisanalytical.com

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.

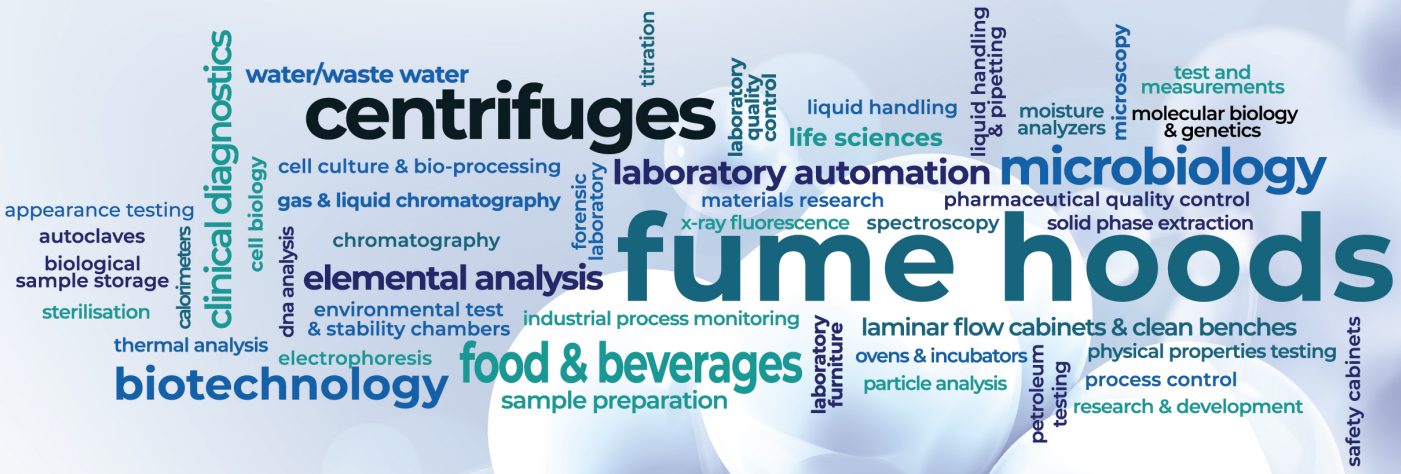
- Energy-efficient brushless regulating motor
- Available with 10 profile for acceleration and 10 for deceleration, high efficiency
- New high torque frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing 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

IRIS ANALYTICAL



IRIS Analytical Inc.

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