IRIS ANALYTICAL

CENTRIFUGES



cs@irisanalytical.com

+1 706 760 4500

www.irisanalytical.com

Benchtop High-Speed Centrifuge IBHC-2000 high-performance centrifuge of capacity up to 400 ml with maximum speed ranging 18600 rpm. Offer SCT and SBT speed control parameter to avoid mix up and ensure to get maximum samples. Features with LCD/LED touch screen with multi-functional knob combination parameters. Available with 10 profiles for acceleration and for deceleration with high efficiency. For safety, we introduced an electronic door lock function and, imbalance detection, over-speed protection, inching function, short-spin function. Storages up to 40 programming space and accommodates angle rotor to securely hold smaller tube sizes of 12×1.5ml and 48×0.5ml tubes.

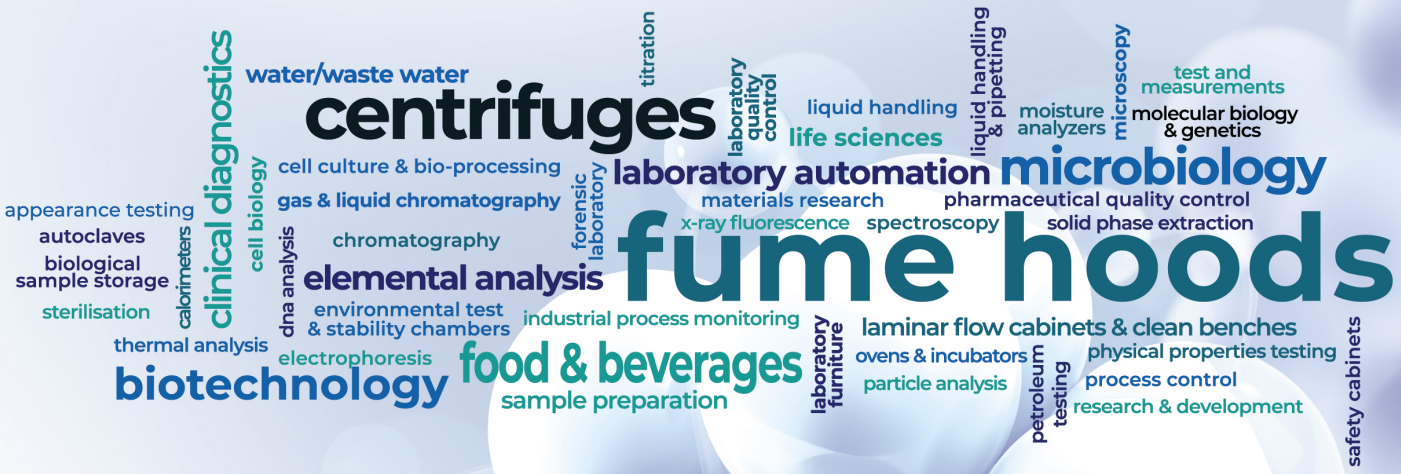
- Energy-efficient brushless regulating motor
- Available with 10 profile for acceleration and 10 for deceleration, high efficiency
- New high torque frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing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

Rotors

Rotor types	Number	Capacity	Max Speed(rpm)	Max RCF	Dimension (mm)
Angle Rotor	1	12×1.5ml	18600	23950×g	10×42
	2	18×0.5ml	18600	23950×g	8×32
	3	24×1.5/2.0ml	15000	21000×g	10×42
	4	48×0.5ml	13000	14740×g	8×32
	5	10×5ml	13000	11500×g	14×54
	6	12×10ml	12000	14800×g	16×81
	7	6×50ml	12000	14800×g	28×105
	8	4×8×0.2ml	12000	14800×g	6×22
	9	8×15ml	10000	9690×g	16×115
	10	4×100ml	10000	9690×g	38×124

Model	IBHC-2000
Capacity	400ml
Max RCF	23950×g
Speed Range	18600 rpm
Noise	?60dB
Revolutions/min	±20 rpm
Timer	0 to 999min/999s
Dimension	460×350×350 mm
Weight	20 kg
Electrical Requirement	AC 220V 50Hz 16A
Catalogue No.	1401450502

IRIS ANALYTICAL



IRIS Analytical Inc.

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