

Floor Standing High Speed Refrigerated Centrifuge IFHRC-1100



Floor Standing High Speed Refrigerated Centrifuge IFHRC-1100 comes with double electronic door lock and high quality hydraulic rod, food-grade integrated silicone sealing ring features. Suitable for clinical medicine, biochemistry, genetic engineering, immunological applications. Features with 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. The IFHRC-1000 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 -20°C to 40°C and accommodates angle rotor.

Accessories



Rotors

Rotor	Rotor capacity	Max speed	Max RCF
Horizontal Rotor 1	24×0.2ml	18000rpm	18824× g
Horizontal Rotor 2	24×0.5ml	18000rpm	23846× g
Horizontal Rotor 3	12×2ml	18000rpm	23182× g
Horizontal Rotor 4	24×2ml	15000rpm	20049× g
Horizontal Rotor 5	12×5ml	16000rpm	17459× g
Horizontal Rotor 6	12×10ml	12000rpm	13314× g
Horizontal Rotor 7	8×15ml	12000rpm	14107× g
Horizontal Rotor 8	48×05.ml	14000rpm	24104× g
Horizontal Rotor 9	36×1.5ml/2.2ml	15000rpm	20376× g
Horizontal Rotor 10	6×50ml	11000rpm	13528× g
Horizontal Rotor 11	6×100ml	10000rpm	10084× g
Horizontal Rotor 12	32×0.2ml	14000rpm	13367× g
Angel Rotor 13	96 holes x2	4000rpm	1932× g

Technical Specification:

Model	IFHRC-1100
Speed Range (rpm)	18000 rpm
Max RCF	23846×g
Capacity	24×0.2ml /0.5ml /2ml, 12x2ml /5ml/7ml/10ml/2.2ml, 48x0.5ml, 36×1.5ml/2ml, 8×4×0.2ml(PCR special rotor), 8x15ml, 6x50ml/100ml.
Rotor	12 angle rotor and 1 horizontal rotor
Temperature Range (°C)	-20°C to +40°C
Temperature Accuracy (°C)	±2°C
Timer	1 min to 99 h 99 min 59 s
External Dimemsions (HxLxW) mm	660x500x855 mm
Net Weight (kg)	69 kg
Electrical Requirements	AC 220V 50Hz
Catalogue No.	1402850502

Technical Data:

Model	IFHRC-1100	IFHRC-1200
Shaking Speed	18000 rpm	23000 rpm
RCF Speed	23846×g	33097×g
Capacity	24×0.2ml /0.5ml /2ml, 12x2ml /5ml/7ml/10ml/2.2ml, 48x0.5ml, 36×1.5ml/2ml, 8×4×0.2ml(PCR special rotor?, 8x15ml, 6x50ml/100ml.	32x0.2ml, 24×0.2ml /0.5ml /2ml, 12x2ml /5ml/7ml/10ml/2.2ml, 48x0.5ml; 36×1.5ml/2ml, 8×4×0.2ml(PCR special rotor, 8x15ml,6x50ml/100ml/250ml, 96holes×4?ELISA Plate?
Temperature Range	-20°C to +40°C	
Temperature accuracy	±2°C	
Revolution/rpm	±100 rpm	
Materials	Stainless steel centrifugal chamber	
Display	LCD	
Optional Rotor/ Adaptor	12 angle rotor and 1 horizontal rotor	15 angle rotor and 1 horizontal rotor
Time Range	1 min to 99 h 99 min 59 s	
Power Consumption	2.0 KVA	2.2 KVA
Dimension	660x500x855 mm	
Weight	69 kg	
Electrical Requirement	AC 220V 50Hz	
Catalogue No.	1402850502	1402851002



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