

CENTRIFUGES



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Floor Standing High-Speed Refrigerated Centrifuge IFHRC-3000 series are CE certify. Designed with parameters, including RCF, variable frequency brushless motor, microcomputer control. Suitable applications are hot products with high speed and high efficiency, any other application requiring up to 64800×g, in a powerful, versatile, highly reliable unit that can improve your productivity. Ideal for collecting microorganisms, cell debris, cells, large organelles, sulphate precipitates, and immune deposits, etc. Maximum capacity up to 3000ml, and an extensive DC brushless rotor. Eco-friendly refrigerator system and operates at –20°C to 40°C temperature range, low noise compressor less than <65dB, and with protective electronic interlock door function.

- Display LED/LCD screen and touch panel
- Torque brushless frequency conversion motor drive, ultra-high-speed bearings imported from Europe, stable operation, maintenance-free
- CE, certify and jog function, short centrifugation, suitable for modification and changing parameters
- Available with 9 profile for acceleration and 9 for deceleration, high efficiency
- Great speed accuracy
- Low noise: <65dB(A) and eco-friendly R404a
- Constant operation
- Easy, convenient and programmable operations
- Automatic storage of data
- The real-time conversation of speed and RCF is suitable for operation
- Equipped with self-locking device
- Automatic alarm device
- Over speed safety device
- User-friendly interface
- Rotors and adaptors are available as optional accessories
- Comes with pre-cooling function, wild cooling; and proprietary SCT speed control technology, fast lifting speed, saving time and high efficiency

Rotors

Rotor	Capacity	Max Speed	Max RCF	Test tube size (mm) Dimension of tube
Angle Rotor 1	24 × 1.5/2.0 ml	25000 r/min	64800 × g	10 × 42
Angle Rotor 2	18 × 10/1.5ml	23000 r/min	60460 × g	16 × 81
Angle Rotor 3	8 × 50ml	20000 r/min	46420 × g	29 × 105
Angle Rotor 4	6 × 250ml	14000 r/min	30074 × g	62 × 134
Angle Rotor 5	8 × 100ml	13000 r/min	19830 × g	38 × 124
Angle Rotor 6	6 × 500ml	10000 r/min	17700 × g	69 × 160
Angle Rotor 7	1000ml continuous flow	16000 r/min	28100 × g	200-600ml/min
Horizontal rotor Swing Rotor 8	4 × 500ml	5000 r/min	5470 × g	80 × 140
Horizontal rotor Swing Rotor 9	4 × 50ml	5000 r/min	4390 × g	28 × 105-115
Horizontal rotor Swing Rotor 10	32 × 15ml	4000 r/min	3160 × g	16 × 114-118
Microplate rotor Bucket Rotor 11	2 × 2 × 96 well	4000 r/min	2300 × g	Microplate rotor

Model	IFHRC-3021	IFHRC-3025
Capacity	3000ml	
Max RCF	21000 rpm	25000 rpm
Speed Range	48900×g	64800×g
Noise	?65dB	
Temperature Range	-20 to +40?	
Revolutions/min	±20 rpm	
Temperature Accuracy	±1?	
Timer	1s to 99h, 59min, 59s	
Dimension	810×710×1220 mm	810×710×1200 mm
Weight	320 kg	
Electrical Requirement	AC 220V 50Hz 35A	
Catalogue No.	1402950502	1402951002

