

KH30R Table-Type Universal High-Speed Refrigerated Centrifuge



Features:

1. Advanced Control System, Excellent separation

1) 10 kinds of Accel/Decel modes can be selected, or directly set up the time of Accel/Decel; User can set up the operate parameter by themselves, to achieve the best centrifugal result.

2) Short running function, easy to diversification centrifugation.

3) Proprietary SCT speed control technical, high efficiency.

4) Proprietary SBT soft brake control technical, to avoid mix up and ensure get maximum specimen.

2. High Safety, Ease of use

1) Automatic rotor identification system, no need to select rotor No.

2) Over temperature, over speed, door and unbalanced protection.

3) Steel body, Stainless steel chamber, Steel Protective sleeve.

4) Can take the rotor with aerosol-tight lid for use with hazardous samples.

3. Friendly Display, Humanity Operate

1) Many pieces of LCD and LED display, the Program, Accel/Decel modes, RPM/RCF, Time, and Temperature are all easy to set up.

2. Microprocessor control, operated data can be saved automatically, can start the instrument with RCF directly, can be store and use 40 kinds of self-defining operating modes directly by user-self

4. Good parts, Reliable and long-lasting

1) Brushless converter motor which has high torque, "SKF" supper speed bearing, Freon-free compressor from Europe.

2) Aerospace rubber for damping, super duralumin alloy from Aluminum Corporation of China Limited (CHALCO).

5. Universal, multifunctional.

Can take Angle rotor for High Speed, and Swing rotor for big capacity & Low Speed, widely used in several kinds of research and produce.

Technical Parameter

Model	KH30R
Max Speed	23000r/min
Max RCF	36400×g
Max Capacity	Angle Rotor: 1500ml, Swing Rotor: 3000ml
Speed Accuracy	±20r/min
Temperature Range	-20 ℃-+40 ℃
Temperature Accuracy	±1 ℃
Time Range	1-999min/999sec
Power Supply	AC 220V 50Hz or 110V 60Hz, 18A
Noise	≤60dB
Dimension	670×750×440mm
Net Weight	110kg

Rotor

Rotor Type	Capacity	Max Speed (r/min)	Max RCF(×g)	Dimension of tube (mm)
Angle Rotor	18×0.5ml	23000	36400	Φ8×32
	12×1.5ml	21000	30330	Φ10×42
	10×5ml	16000	17420	Φ14×54
	24×1.5 ml	16000	24700	Φ10×42
	12×10ml	18000	33293	Φ16×81
	6×30ml	16000	30400	Φ25×93.5
	6×50ml	15000	23131	Φ28×105
	4×100ml	14000	20000	Φ38×124
	8×15ml	14000	20000	Φ16×115
	32×1.5ml	13000	13500	Φ10×42
	4×8×0.2ml	13000	14740	8 Strips of PCR tube
	6×100ml	12000	14694	Φ38×124
8×50ml	9000	12429	Φ28×105	
Micro plate Rotor	2×2×96 wells	4000	2300	Micro plate
Swing Rotor	4×50/100ml	5500	5310	Φ38×124
	8×50/100ml	4000	2810	Φ38×124
	32×10/15ml	4000	2810	Φ16×85-118
	48×5/7ml	4000	3500	Blood Collection Tube
	72×5/7ml	4000	3580	Blood Collection Tube
	120×5/7ml	4000	3890	Blood Collection Tube
	4×250ml	4000	3500	Φ64×113
	4×500ml	4000	3580	Φ80×140
	4×750ml	4000	3890	Φ99×130