

UltraSpin 30K-R

Ultra-High Speed Refrigerated Centrifuge

Features

- Maintenance-free AC frequency conversion motor speed regulation, high precision, low noise;
- 7"HD color touch screen: can store up to 100 groups of commonly used programs,can simultaneously display speed (centrifugal force) time,cavity temperature,lifting gear,rotor number,fault code, speed, time,temperature and other parameters can be modified in the centrifugal process.
- Rotating head dynamic inertial detection to increase the safety of operators;
- The rotor has self-locking function, safe and reliable;
- The rotor automatic identification system can set the limit speed of the rotor to prevent overspeed;
- Constant speed timing function: the running time starts from reaching the set speed;
- Electric lock cover device, to achieve the best running performance;
- A separate short spin gym is provided to meet different needs of users;
- The motor is equipped with unbalance protection mechanism, beyond the set unbalance value of the motor automatically stop;
- Temperature range: -20C to +40C. Intelligent standby cooling function ensures reliable refrigeration of sensitive samples before and after centrifugation, even at the highest rotational speed, and can keep centrifugation sample temperature $\leq 4^{\circ}\text{C}$;
- 10 Acceleration and deceleration preset curves;
- SoFT function for gentle start and brake;



Model	UltraSpin 30K-R
Max. Speed	31000 rpm
Max. RCF	106848xg
Max. Capacity	6x1000ml
Timing Range	0~99h59min or HOLD
Noise	≤ 62 dB
Temperature	-10 $^{\circ}\text{C}$ ~ 40 $^{\circ}\text{C}$
Acc/Dec	10 Kinds
Speed Accuracy	± 50 rpm
Voltage(V/Hz)	AC 220V/110V 50Hz/60Hz
Size (W x D x H)	790x923x920mm
Net Weight	270kg

No	Capacity	Max. Speed	Max. RCF
1	8x50ml Angle Rotor (Ti-alloy)	30000rpm	106848xg
2	8x50ml Angle Rotor	25000rpm	75620xg
3	24x15ml Angle Rotor	25000rpm	74200xg
4	6x50ml Angle Rotor (Ti-alloy)	31000rpm	103326xg
5	48x1.5/2.2ml Angle Rotor	22000rpm	52524xg
6	18x10ml Angle Rotor	21000rpm	49800xg
7	10x100ml Angle Rotor	18000rpm	47900xg
8	6x100ml Angle Rotor	16000rpm	33123xg
9	12x50ml Angle Rotor	15000rpm	31991xg
10	8x15ml Angle Rotor (Conical)	15000rpm	25956xg
11	6x250ml Angle Rotor	13500rpm	30300xg
12	12x50ml Angle Rotor (Conical)	12000rpm	23310xg
13	6x500ml Angle Rotor	10000rpm	17248xg
14	6x1000ml Angle Rotor	8000rpm	14766xg
15	4x1000ml Angle Rotor	9000rpm	17054xg
16	20x50ml Adapter	9000rpm	10823xg
17	36x15ml Adapter	9000rpm	11253xg
18	4x750ml Swing-out Rotor	4200rpm	3060xg

