

KT-TDL5M/KT-TDL5MR Bench top Low Speed Refrigerated Centrifuge



Features:

1. Microcomputer control, AC brushless AC variable frequency motor drive, stable and quiet operation.
2. Adopt LED / LCD to display the parameters: speed, eccentricity, temperature and time. The parameters can be set at any time during operation without shutting down.
3. The RCF value and rotation speed of centrifugal force can be set separately, which can be switched with one key and can be observed at any time.
4. The use of electronic door locks has strong safety performance, if the door is not closed properly, and the centrifuge cannot be started.
5. Equipped with a variety of pipe racks, pipe racks, adapters, multi-purpose machine.

Application:

separation and purification of radioimmunity, clinical medicine, biochemistry, biopharmaceuticals, and blood products.

Technical Data

Model	KT-TDL5M(LED)/KT-TDL5MR(LCD)
Max Speed	5500rpm
Max RCF	4650 xg
Max Capacity	4*750ml
Speed Accuracy	± 10rpm
Temperature Range	-20°C ~ +40°C
Temperature Accuracy	± 1°C
Timer Range	1 ~ 99min/9h59min
Display	LED/LCD
Motor	Brushless AC frequency conversion
Power	AC 220V 50HZ 10A
Compressed Units	imported environmentally friendly refrigerant
Output Power	1KW
Noise	≤60dB (A)
Net Weight	110kg
Device Dimension	600*700*450mm(L* W* H)

Optional Rotors (customized rotor available)

NO	ITEM	MAX SPEED(rpm)	MAX CF(xg)	VOLUME(ml)	TUBE SIZE (mm)
NO.1	Angle rotor	5500rpm	4650xg	12*10ml	Ø 16*87
NO.2	Angle rotor	5000rpm	2540xg	6*15ml	Ø 16*118
NO.3	Angle rotor	5000rpm	3080xg	12*15ml	Ø 16*118
NO.4	Angle rotor	5000rpm	3515xg	24*15ml	Ø 16*118
NO.5	Angle rotor	5000rpm	3830xg	30 *15ml	Ø 16*118
NO.6	Angle rotor	5000rpm	2520xg	4*50ml	Ø 29*106
NO.7	Angle rotor	5000rpm	2850xg	6*50ml	Ø 29*106
NO.8	Angle rotor	5000rpm	2630xg	4*100ml	Ø 37*124
NO.9	Angle rotor	5000rpm	3130xg	6*100ml	Ø 37*124
NO.10	Horizontal Rotor(auto decap)	4000rpm	2960xg	4*12*5/7ml Blood collect tube	Ø 13*95
NO.11	Horizontal Rotor(auto decap)	4000rpm	3350xg	4*18*5/7ml Blood collect tube	Ø 13*95
NO.12	Horizontal Rotor(auto decap)	4000rpm	3470xg	4*24* 5/7ml Blood collect tube	Ø 13*95
NO.13	Horizontal Rotor(auto decap)	4000rpm	3470xg	4*25* 5/7ml Blood collect tube	Ø 13*95
NO.14	Horizontal Rotor(auto decap)	4000rpm	3470xg	4*30* 5/7 ml Blood collect tube	Ø 13*95
NO.15	Horizontal Rotor	4000rpm	2820xg	Rotor body	-
NO.15	Tube rack	4000rpm	2820xg	4*4*10/15ml	Ø 16*135
NO.15	Tube rack	4000rpm	2820xg	4*6*10/15ml	Ø 16*135
NO.15	Tube rack	4000rpm	2820xg	4*8*10/15ml	Ø 16*135
NO.15	Tube rack	4000rpm	2820xg	4*1*50ml	Ø 29*125
NO.15	Tube rack	4000rpm	2820xg	4*2*50ml	Ø 29*125
NO.15	Tube rack	4000rpm	2820xg	4*2*100ml	Ø 37*124
NO.16	Horizontal Rotor	4000rpm	3016xg	4*250ml 4 hanging cups	Ø 64*125
NO.16	Adapter	4000rpm	3016xg	4*8*5/7ml	Ø 13*95
NO.16	Adapter	4000rpm	3016xg	4*8*10/15ml	Ø 16*135
NO.16	Adapter	4000rpm	3016xg	4*2*50ml	Ø 29*106
NO.16	Adapter	4000rpm	3016xg	4*1*100ml	Ø 37x124
NO.16	Adapter	4000rpm	3016xg	4*2*100ml	Ø 37x124
NO.17	Horizontal Rotor	4000rpm	3515xg	4*500ml 4 hanging cups	Ø 78x150
NO.17	Adapter	4000rpm	3515xg	4*4*50ml	Ø 37x124
NO.17	Adapter	4000rpm	3515xg	4*12* 5/7ml	Ø 13x95
NO.17	Adapter	4000rpm	3515xg	4*16* 5/7ml	Ø 16 x 87
NO.17	Adapter	4000rpm	3515xg	4*16*10/15ml	Ø 29x106
NO.17	Adapter	4000rpm	3515xg	4*1* 250ml	Ø 64*114
NO.17	Adapter	4000rpm	3515xg	4*2*100ml	Ø 37*124
NO.17	Adapter	4000rpm	3515xg	4*3*100ml	Ø 37*124
NO.18	Horizontal round hanging cup rotor	4000rpm	3157xg	4*800ml 4 hanging cups	Ø 98.5*140
NO.18	Adapter	4000rpm	3157xg	4*18*5/7ml	Ø 13*95
NO.18	Adapter	4000rpm	3157xg	4*18*10/15ml	Ø 6*87
NO.18	Adapter	4000rpm	3157xg	4*6* 50ml	Ø 29*106
NO.18	Adapter	4000rpm	3157xg	4 *2*100ml	Ø 37*124
NO.18	Adapter	4000rpm	3157xg	4*3 *100ml	Ø 37*124
NO.18	Adapter	4000rpm	3157xg	4*4*100ml	Ø 37*124
NO.18	Adapter	4000rpm	3157xg	4*1*250ml	Ø 64*114
NO.19	Horizontal hanging bucket rotor	4000rpm	3215xg	4*12*5/7ml	Ø 13*95
NO.20	Horizontal hanging bucket rotor	4000rpm	3215xg	4*18*5/7ml	Ø 13*95
NO.21	Horizontal round hanging cup rotor	4000rpm	3215xg	4*24*5/7ml	Ø 13*95
NO.22	Horizontal ELISA plate rotor	4000rpm	2310xg	2*2*48 hole	-
NO.23	Horizontal ELISA plate rotor	4000rpm	2310xg	2*2*96 hole	-
NO.24	Horizontal ELISA plate rotor	4000rpm	2490xg	4*2*96 hole	-