

KT-TG18WS /KT-TG18MR Tabletop High Speed Centrifuge



Features:

1. Maintenance-free high-torque AC frequency conversion motor with fast lifting speed, high precision and ultra-low noise.
2. Microcomputer control, blue back-lit intelligent interface, digital and liquid screen display speed, centrifugal force, remaining time, arbitrary setting of speed up and down gear, fault display.
3. Unique air duct design can effectively reduce the temperature rise in the cavity during centrifugation.
4. Multiple automatic protection functions: door cover, over-speed, unbalance etc to ensure user safety.
5. Various rotors are available, using a flexible shaft drive system, running smoothly.
6. The body is made of high-quality steel structure with a built-in stainless steel cavity to ensure safe use.

Application:

centrifugal purification experiments :
microbial, viral, subcellular, bacterial, nucleic acid extraction at room temperature.

Technical Data

Model	KT-TG18WS/KT-TG18MR
Max Speed	18500 rpm
Max RCF	23790 xg
Max Capacity	4*100ml
Speed Accuracy	± 20rpm
Timer Range	1-99min/9h59m
Display	LED/LCD
Motor	AC Inverter motor
Power Supply	AC 220V 50HZ 10A
Power	650w
Noise	≤63dB
Net Weight	38kg
Device Dimension	240*260* 250mm (L*W*H)

Matched Rotors(customized product available)

NO	NAME	MAX SPEED(rpm)	MAX RCF(xg)	VOLUME(ml)	TUBE SIZE(mm)
NO.1	Angle rotor	18500rpm	23790xg	12*1.5/2.2ml	Φ10*42
NO.2	Angle rotor	16000rpm	19767xg	24 * 1.5/2.2ml	Φ10*42
NO.3	Angle rotor	13500rpm	19340xg	30*1.5/2.2ml	Φ10*42
NO.4	Angle rotor	11000rpm	12843xg	48*1.5/2.2ml	Φ10*42
NO.5	Angle rotor	13500rpm	19340xg	30*0.2/0.5ml	Φ8 * 30
NO.6	Angle rotor	13000rpm	15635xg	48 * 0.2/0.5ml	Φ 8*33
NO.7	Angle rotor	17500rpm	19537xg	8/10*5ml	Φ14*54
NO.8	Angle rotor	15000rpm	19350xg	16 * 5ml	Φ14*54
NO.9	Angle rotor	14000rpm	16370xg	12*7ml	Φ15*62
NO.10	Angle rotor	14000rpm	16460xg	6*10ml	Φ16*87
NO.11	Angle rotor	12000rpm	[4856xg	12*10ml	Φ16*87
NO.12	Angle rotor	12000rpm	14510xg	8* 15ml	Φ16*118
NO.13	Angle rotor	5000rpm	3080xg	24* 15ml	Φ16*118
NO.14	Angle rotor	5000rpm	3830xg	30* 15ml	Φ16*118
NO.15	Angle rotor	12000rpm	14510xg	8 * 20ml	Φ22*104
NO.16	Angle rotor	12000rpm	14856xg	6 * 30ml	Φ25*94
NO.17	Angle rotor	14000rpm	15635xg	4 * 50ml	Φ29*106
NO.18	Angle rotor	12000rpm	14856xg	6 * 50ml	Φ29*106
NO.19	Angle rotor	10000rpm	10813xg	6 *70ml	Φ32*150
NO.20	Angle rotor	12000rpm	15635xg	4* 100ml	Φ37*124
NO.21	Angle rotor	12000rpm	15869xg	24pcs capillaries	Φ4*100