

## KT-TG20WS 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 backlight intelligent interface, digital and liquid crystal display rotation speed, centrifugal force, remaining time, arbitrary setting of up and down speed gear and fault display.
3. The unique air duct design can effectively reduce the temperature rise in the chamber during centrifugation.
4. A variety of automatic protection functions such as door cover, over-speed, unbalance, etc., ensure user safety.
5. A variety of rotors are available for selection, using a flexible shaft drive system for smooth operation.
6. The shell is made of high-quality steel structure with a built-in stainless steel inner cavity to ensure safe use.

### Application:

centrifugal purification experiments such as microbial, virus, subcellular, bacterial, nucleic acid extraction at room temperature.

### Technical Data

<b>Model</b>	KT-TG20WS
<b>Max Speed</b>	20000 rpm
<b>Max RCF</b>	27816xg
<b>Max Capacity</b>	4 *100ml
<b>Speed Accuracy</b>	± 10rpm
<b>Timer Range</b>	1-99min/9h59m
<b>Display</b>	LED/LCD
<b>Motor</b>	AC Inverter Motor
<b>Power Supply</b>	AC 220V 50HZ 10A
<b>Power</b>	700W
<b>Full Noise</b>	≤58db(A)
<b>Net Weight</b>	35 kg
<b>Device Dimension</b>	240*260*250mm ( L*W*H )

### Matched Rotors(customized product available)

No	ITEM	MAX SPEED(rpm)	MAX RCF(xg)	VOLUME(ml)	TUBE SIZE(mm)
NO.1	Angle rotor	20000rpm	27816xg	12*1.5/2.2ml	Φ10*42
NO.2	Angle rotor	16000rpm	20653xg	24*1.5/2.2ml	Φ 10 *42
NO.3	Angle rotor	14000rpm	19450xg	30*1.5/2.2ml	Φ10*42
NO.4	Angle rotor	13000rpm	17930xg	48*1.5/2.2ml	Φ10*42
NO.5	Angle rotor	14500rpm	21807xg	30*0.2/0.5ml	Φ8*30
NO.6	Angle rotor	14500rpm	21807xg	48* 0.2/0.5ml	Φ8*33
NO.7	Angle rotor	15000rpm	19350xg	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	15000rpm	22680xg	12*10ml	Φ16*87
NO.12	Angle rotor	15000rpm	22680xg	8*15ml	Φ16*118
NO.13	Angle rotor	5000rpm	3515xg	24*15ml	Φ16*118
NO.14	Angle rotor	5000rpm	3830xg	30 *15ml	Φ16*118
NO.15	Angle rotor	15000rpm	22680xg	8*20ml	Φ22*104
NO.16	Angle rotor	14000rpm	19060xg	6*30ml	Φ25*94
NO.17	Angle rotor	13500rpm	18950xg	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	Φ037*124
NO.21	Angle rotor	12000rpm	15869xg	24pcs capillaries	Φ4*100