

## KT-TGL20F/KT-TGL20FR Tabletop High Speed Refrigerated Centrifuge



### Features:

1. Adopt carbon-free brushless frequency conversion motor to adjust the speed; maintenance-free, high torque, fast lifting speed.
2. Adopt microcomputer processor for precise control, blue backlight LCD / LED screen display speed, centrifugal force operating parameters and RCF value.
3. Adopt fluorine-free compressor unit, double circulation refrigeration, strong heat and cold exchange ability, and high temperature control precision.
4. 10 sets of programs can be stored and recalled, and 10 kinds of lifting speeds are available for selection.
5. Door cover adopt independent motor servo, reduce operator labor intensity, automatic protection for over-speed and over-temperature, unbalanced protection.
6. Body is made of high-quality steel structure and three-stage vibration reduction to ensure safety and the best centrifugal effect.
7. Unique design of spring cone sleeve is used to connect rotor and main shaft, loading and unloading of the rotor is quick and simple.
8. Equipped with a variety of rotors with different specifications, you can choose different rotors according to the centrifuge and sample.

### Technical Data

<b>Model</b>	KT-TGL20F/KT-TGL20FR
<b>Max Speed</b>	22000 rpm
<b>Max RCF</b>	33660 xg
<b>Max Capacity</b>	6* 100ml
<b>Speed Accuracy</b>	± 10rpm
<b>Temperature Range</b>	-20°C ~ +40°C
<b>Temperature Accuracy</b>	± 1°C
<b>Display</b>	LED/LCD
<b>Timer Range</b>	1-99m/9h59min
<b>Motor</b>	brushless frequency conversion motor
<b>Power Supply</b>	AC 220V 50HZ 10A
<b>Compressed Units</b>	Imported environmentally friendly refrigerant
<b>Power</b>	1100W
<b>Noise</b>	≤62db
<b>Device Dimension</b>	510*630 * 380mm(L *W*H)
<b>Net Weight</b>	110 kg

### Matched Rotors(customized product available)

NO	ITEM	MAX SPEED (rpm)	MAX RCF (xg)	VOLUME(ml)	TUBE SIZE (mm)
NO.1	Angle rotor	22000rpm	33660xg	12*0.5ml	Φ8*33
NO.2	Angle rotor	21500rpm	31355xg	12*1.5/2.2ml	Φ10*42
NO.3	Angle rotor	17000rpm	26417xg	24*1.5/2.2ml	Φ10*42
NO.4	Angle rotor	13500rpm	19340xg	30*1.5/2.2ml	Φ10*42
NO.5	Angle rotor	13000rpm	17930xg	48*1.5/2.2ml	Φ10*42
NO.6	Angle rotor	18000rpm	26635xg	30*0.2/0.5ml	Φ8*30
NO.7	Angle rotor	15500rpm	23560xg	48*0.2/0.5ml	Φ8*33
NO.8	Angle rotor	18500rpm	24305xg	8*5ml	Φ14*54
NO.9	Angle rotor	16500rpm	22020xg	10*5ml	Φ14*54
NO.10	Angle rotor	16500rpm	22020xg	16*5ml	Φ14*54
NO.11	Angle rotor	16000rpm	21380xg	12*7ml	Φ15*62
NO.12	Angle rotor	16000rpm	21528xg	6*10ml	Φ16*87
NO.13	Angle rotor	15000rpm	22680xg	12*10ml	Φ16*87
NO.14	Angle rotor	15000rpm	22680xg	8*15ml	Φ16*118
NO.15	Angle rotor	15000rpm	13856xg	3*8*0.2ml (PCR tube)	Φ6*22
NO.16	Angle rotor	14000rpm	12826xg	6*8*0.2ml (PCR tube)	Φ6*22
NO.17	Angle rotor	5000rpm	3515xg	24*15ml	Φ16*118
NO.18	Angle rotor	5000rpm	3830xg	30*15ml	Φ16*118
NO.19	Angle rotor	15000rpm	22680xg	8*20ml	Φ22*104
NO.20	Angle rotor	14000rpm	19060xg	6*30ml	Φ25*94
NO.21	Angle rotor	13500rpm	18950xg	4*50ml	Φ29*106
NO.22	Angle rotor	13000rpm	18840xg	6*50ml	Φ29*106
NO.23	Angle rotor	12000rpm	15635xg	6*70ml	Φ32*150
NO.24	Angle rotor	12000rpm	15635xg	4*100ml	Φ37*124
NO.25	Angle rotor	10500rpm	11690xg	6*100ml	Φ37*124
NO.26	Angle rotor	13000rpm	16350xg	24pcs capillaries	Φ4*100
NO.27	Horizontal ELISA Plate rotor	4000rpm	2310xg	2*2*48 hole	-