

## KT-TGL16M/KT-TGL16MR Tabletop High Speed Refrigerated Centrifuge



### Features:

1. Adopt carbon-free brush frequency conversion motor, maintenance-free, high torque, fast lifting speed. Fluorine-free compressor unit is adopted, which has no environmental pollution and precise temperature control.
2. Using microcomputer processor for precise control, digital display of speed, temperature, time and other parameters, key programming, switching display operating parameters and RCF value, 10 sets of programs can be stored and recalled, and 10 kinds of lifting rates are available for selection.
3. The independent motor servo of the door cover reduces the operator's labor intensity, automatic protection for over-speed and over-temperature, unbalanced protection, and the body adopts high-quality steel structure.
4. Unique design of spring cone sleeve to connect the rotor and the spindle, loading and unloading the rotor is quick and simple, non-directional, safe and reliable, and easy to use.
5. Multiple rotating heads for selection, can design various adapters according to the test requirements, multi-purpose, three-stage vibration reduction to ensure the optimal centrifugal effect.

### Technical Data

<b>Model</b>	KT-TGL16M/KT-TGL16MR
<b>Max Speed</b>	16500rpm
<b>Max RCF</b>	20653xg
<b>Max Capacity</b>	4*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>	1-99min/9h59min
<b>Motor</b>	Brushless frequency conversion motor
<b>Power</b>	AC 220V 50HZ 10A
<b>Compressed Units</b>	Imported environmentally friendly refrigerant
<b>Power</b>	1100W
<b>Noise</b>	≤65db
<b>Device Dimension</b>	510* 630 *380mm (L*W*H)
<b>Net Weight</b>	110 kg

### Matched Rotors(customized product available)

NO	NAME	MAX SPEED(rpm)	MAX RCF(xg)	VOLUME(ml)	TUBE SIZE(mm)
NO.1	Angle rotor	16500rpm	20653xg	12*1.5/2.2ml	Φ10*42
NO.2	Angle rotor	16000rpm	20653xg	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	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	13856xg	3*8*0.2ml (PCR tub)	Φ6*22
NO.12	Angle rotor	14000rpm	12826xg	6*8*0.2ml (PCR tube)	Φ6*22
NO.13	Angle rotor	12000rpm	14856xg	12*10ml	Φ16*87
NO.14	Angle rotor	12000rpm	14510xg	8*15ml	Φ16*118
NO.15	Angle rotor	5000rpm	3080xg	24*15ml	Φ16*118
NO.16	Angle rotor	5000rpm	3830xg	30*15ml	Φ16*118
NO.17	Angle rotor	12000rpm	14510xg	8*20ml	Φ22*104
NO.18	Angle rotor	12000rpm	14856xg	6*30ml	Φ25*94
NO.19	Angle rotor	14000rpm	15635xg	4*50ml	Φ29*106
NO.20	Angle rotor	12000rpm	14856xg	6*50ml	Φ29*106
NO.21	Angle rotor	10000rpm	10813xg	6*70ml	Φ32*150
NO.22	Angle rotor	12000rpm	15635xg	4*100ml	Φ37*124
NO.23	Angle rotor	10000rpm	11380xg	6*100ml	Φ37*124
NO.24	Angle rotor	12000rpm	15869xg	24pcs capillaries	Φ4*100
NO.25	Horizontal ELISA plate rotor	4000rpm	2310xg	2*2*48mL	