

KT-TGL16D/KT-TGL16DR Tabletop High Speed Refrigerated Centrifuge



Features:

1. Maintenance-free AC variable frequency motor drive speed control microcomputer control, high precision and low noise.
2. Color digital and LCD liquid screen display speed, centrifugal force; temperature and time in the centrifugal cavity can be reset at any time during operation without stopping the machine.
3. Centrifugal force and RCF value can be set separately, and can be exchanged and observed at any time.
4. Body is made of high-quality steel structure, built-in stainless steel inner cavity, stainless steel protective inner sleeve to ensure safe use.
5. Imported fluorine-free compressor unit, double-cycle refrigeration, strong cooling and heat exchange capability, and high temperature control accuracy.
6. Door lock adopts the intelligent electronic lock function, which is convenient for operation and improves the safety of use.
7. Equipped with a variety of rotors of different specifications, rotors of different specifications can be selected according to centrifugation and samples.

Application:

radioimmunity, medical laboratory / laboratory, biochemistry, scientific research laboratory, etc.

Technical Data

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|-----------------------------|---|
| Model | KT-TGL16D/KT-TGL16DR(LED/LCD) |
| Max Speed | 16500rpm |
| Max RCF | 18900xg |
| Max Capacity | 4*500ml |
| Speed Accuracy | ± 10rpm |
| Temperature Range | -20°C ~ +40°C |
| Temperature Accuracy | ± 1°C |
| Timer Range | 1-99m/9h99min |
| Display | LED/LCD |
| Motor | AC Inverter Motor |
| Power Supply | AC 220V 50HZ 10A |
| Compressed Units | Imported environmentally friendly refrigerant |
| Power | 1.2KW |
| Noise | ≤62dB(A) |
| Net Weight | 120kg |
| Device Dimension | 600 * 700 * 450mm(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 | 16500rpm | 18956xg | 12*1.5/2.2ml | Φ10*42 |
| NO.2 | Angle rotor | 13000rpm | 15560xg | 24*1.5/2.2ml | Φ10*42 |
| NO.3 | Angle rotor | 13000rpm | 15157xg | 30*1.5/2.2ml | Φ10*42 |
| NO.4 | Angle rotor | 11000rpm | 12843xg | 48*1.5/2.2ml | Φ10*42 |
| NO.5 | Angle rotor | 15000rpm | 17846xg | 30*0.2/0.5ml | Φ8*30 |
| NO.6 | Angle rotor | 13000rpm | 15157xg | 48*0.2/0.5ml | Φ8*30 |
| NO.7 | Angle rotor | 15000rpm | 16346xg | 10* 5ml | Φ14*54 |
| NO.8 | Angle rotor | 15000rpm | 13856xg | 3*8 *0.2ml(PCR tube) | Φ6*22 |
| NO.9 | Angle rotor | 14000rpm | 12826xg | 6 * 8 * 0.2ml(PCR tube) | Φ6*22 |
| NO.10 | Angle rotor | 14000rpm | 16370xg | 12*7ml | Φ15*62 |
| NO.11 | Angle rotor | 14000rpm | 16460xg | 6 * 10ml | Φ16*87 |
| NO.12 | Angle rotor | 12000rpm | 14856xg | 12*10ml | Φ16*87 |
| NO.13 | Angle rotor | 12000rpm | 13215xg | 8*15ml | Φ16*118 |
| NO.14 | Angle rotor | 5000rpm | 3080xg | 24*15ml | Φ16*118 |
| NO.15 | Angle rotor | 5000rpm | 3830xg | 30*15ml | Φ16*118 |
| NO.16 | Angle rotor | 12000rpm | 14510xg | 8*20ml | Φ22*104 |
| NO.17 | Angle rotor | 12000rpm | 14057xg | 6*30ml | Φ25*94 |
| NO.18 | Angle rotor | 14000rpm | 15635xg | 4*50ml | Φ29*106 |
| NO.19 | Angle rotor | 12000rpm | 14856xg | 6*50ml | Φ29*106 |
| NO.20 | Angle rotor | 10000rpm | 10813xg | 6*70ml | Φ32*150 |
| NO.21 | Angle rotor | 12000rpm | 15635xg | 4*100ml | Φ37*124 |
| NO.22 | Angle rotor | 10000rpm | 11380xg | 6*100ml | Φ37*124 |
| NO.23 | Angle rotor | 12000rpm | 15869xg | 24 pcs capillaries | Φ4*100 |
| NO.24 | Horizontal rotor | 4200rpm | 3610xg | 4*250ml 4 hanging cups | Φ64*125 |
| NO.24 | Adapter | 4200rpm | 3610xg | 4*8*5/7ml | Φ16*87 |
| NO.24 | Adapter | 4200rpm | 3610xg | 4*8*10/15ml | Φ16*87 |
| NO.24 | Adapter | 4200rpm | 3610xg | 4*2* 50ml | Φ29*106 |
| NO.24 | Adapter | 4200rpm | 3610xg | 4*1*100ml | Φ37*124 |
| NO.24 | Adapter | 4200rpm | 3610xg | 4*2* 100ml | Φ37*124 |
| NO.25 | Horizontal rotor | 4200rpm | 3610xg | 4 *500ml 4 hanging cups | Φ78*150 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*4*50ml | Φ37*124 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*12*5/7ml | Φ13*95 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*16*5/7ml | Φ16*87 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*16*10/15ml | Φ29*106 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*1*250ml | Φ64*114 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*2*100ml | Φ37*124 |
| NO.25 | Adapter | 4200rpm | 3610xg | 4*3 *100ml | Φ37*124 |
| NO.26 | Horizontal ELISA plate rotor | 4000rpm | 2310xg | 2*2*48mL | |
| NO.27 | Horizontal ELISA plate rotor | 4000rpm | 2310xg | 2*2*96mL | |