## TG21 Table Top Multipurpose Centrifuge

Multipurpose centrifuge is used for bacteria, protein precipitation, nucleic acid extraction, subcellular component separation, clinical test sample processing, blood, suitable for medical, life sciences, biopharmaceutical, agricultural sciences, environmental protection and other scientific research units, as well as universities and colleges








### Features

- Adopt large torque brushless frequency conversion motor, maintenance-free, no dust, fast lifting speed
- Induction automatic electric suction door lock, with emergency door opening device; self-inspection and protection of door lock, overspeed, unbalance, etc., safe and reliable
- Using a microcomputer processor for precise control, eye-catching red digital LED display, key programming, and parameter modification during operation
- Using a unique spring cone sleeve to connect the rotating head and spindle, the rotating head is locked 360 degrees, and the loading and unloading of the rotating head is non directional, fast and simple (with technical patents)
- Aero aluminum rotors (except multi-tube frame rotors) and various Teflon adapters are available
- 10 acceleration rates and 10 deceleration rates for users to choose to achieve the best centrifugal effect
- The whole machine is all-steel structure, stainless steel centrifugal chamber; multi-layer protection design, three-stage vibration reduction, safe and stable
- The instrument door cover is equipped with a hydraulic rod to reduce operating load
- Passed ISO9001, ISO13485, CE and other certifications

### Specifications

TG21 Technical Parameters

| | | | |
|---|---|---|---|
| Max Speed | 21000rpm | Max RCF | 30910×g |
| Max Volume | 4×800ml Swing Rotor | Speed Accuracy | ±10rpm |
| Timer | 1 ~ 99min | Noise | ≤68dBA |
| Power Supply | AC110/220V, 50/60HZ | Net Weight | 67kg |
| Dimension | 680×500×385mm | Package | 880×580×560mm,90kg |

TG21 Matched Rotors

| Rotors No. | Rotor Type | Max Speed | Max Volume | Max RCF | Notes |
|---|---|---|---|---|---|
| No 05105 | Angle rotor | 18000rpm | 30×0.5ml | 26660×g | Optional |
| No 05106 | Angle rotor | 15000rpm | 40×0.5ml | 22930×g | Optional |
| No 05101 | Angle rotor | 21000rpm | 12×1.5/2ml | 30910×g | Optional |
| No 05102 | Angle rotor | 18000rpm | 24×1.5/2ml | 29670×g | Optional |
| No 05103 | Angle rotor | 13500rpm | 30×1.5/2ml | 19340×g | Optional |
| No 05104 | Angle rotor | 13000rpm | 48×1.5/2ml | 17930×g | Optional |
| No 05107 | Angle rotor | 16000rpm | 16×5ml | 22020×g | Optional |
| No 05108 | Angle rotor | 16000rpm | 12×7ml | 21380×g | Optional |
| No 05109 | Angle rotor | 16000rpm | 6×10ml | 21500×g | Optional |
| No 05110 | Angle rotor | 15000rpm | 12×10ml | 22680×g | Optional |
| No 05113 | Angle rotor | 13000rpm | 8×15ml | 17790×g | Falcon |
| No 05114 | Angle rotor | 10000rpm | 12×15ml | 11840×g | Falcon |
| No 05116 | Angle rotor | 12000rpm | 8×20ml | 14510×g | Optional |
| No 05117 | Angle rotor | 14000rpm | 6×30ml | 19060×g | Optional |
| No 05120 | Angle rotor | 13000rpm | 6×50ml | 18840×g | Falcon/Round |
| No 05122 | Angle rotor | 8000rpm | 8×50ml | 8090×g | Falcon/Round |
| No 05128 | Angle rotor | 12000rpm | 4×100ml | 14850×g | Optional |
| No 05129 | Angle rotor | 12000rpm | 6×100ml | 16390×g | Optional |
| No 05131 | Angle rotor | 8000rpm | 4×250ml | 9090×g | Optional |
| No 05132 | Angle rotor | 7000rpm | 6×250ml | 8050×g | Optional |
| No 05607 | Swing Rotor | 4000rpm | 4×25×5/7ml | 3450×g | For 2-7ml vacuum tube |
| | Swing Rotor | 4000rpm | 4×800ml(round) | 3450×g | Optional biosafety cover |
| / | Adapter | / | 4×250ml(falcon) | / | Falcon |
| / | Adapter | / | 4×24×5/7ml vacuum tube | / | For 2-7ml vacuum tube |
| / | Adapter | / | 4×19×10ml vacuum tube | / | For 10ml vacuum tube |
| / | Adapter | / | 4×14×10/15ml | / | For 10/15ml tube |
| / | Adapter | / | 4×5×50ml | / | For 50ml tube |
| No 05608 | Swing Rotor | 4000rpm | 4×500ml(round) | 3530×g | Optional biosafety cover |
| / | Adapter | / | 4×18×5/7ml vacuum tube | / | For 2-7ml vacuum tube |
| / | Adapter | / | 4×14×10ml vacuum tube | / | For 10ml vacuum tube |
| / | Adapter | / | 4×9×10/15ml | / | For 10/15ml tube |
| / | Adapter | / | 4×3×50ml | / | For 50ml tube |
| No 05609 | Swing Rotor | 4000rpm | 4×500ml(rectangle) | 3450×g | Optional biosafety cover |
| / | Adapter | / | 4×20×5/7ml | / | For 2-7ml vacuum tube |
| / | Adapter | / | 4×16×10ml | / | For 10ml vacuum tube |
| / | Adapter | / | 4×12×10/15ml | / | For 10/15ml tube |
| / | Adapter | / | 4×5×50ml | / | For 50ml tube |
| No 05611 | Swing Rotor | 4000rpm | 4×4×96 well | 2940×g | Optional |
| No 05610 | | | 4×7×50ml | 3470×g | Falcon |
| No 05629 | Swing Rotor | 5000rpm | 4×1×50ml | 4730×g | Optional |
| No 05630 | | | 4×1×100ml | 4730×g | Optional |
| No 05635 | | 4000rpm | 4×2×100ml | 3020×g | Optional |
| No 05634 | | | 4×2×50ml | 3200×g | Optional |
| No 05631 | | | 4×8×15ml | 3200×g | For 5-15ml |
| No 05639 | | | 4×16×5ml vacuum tube | 2530×g | For 2ml vacuum tube |
| No 05638 | | | 4×16×7ml vacuum tube | 2890×g | For 5ml vacuum tube |
| No 05640 | | | 4×12×10ml vacuum tube | 2880×g | For 10ml vacuum tube |
| No 05614 | Swing Rotor | 4000rpm | 4×30×7ml vacuum tube | 3160×g | For 5ml vacuum tube |
| No 05615 | | | 4×40×7ml vacuum tube | 3270×g | For 5ml vacuum tube |
| No 05618 | | | 4×28×10m vacuum tube | 3270×g | For 10ml vacuum tube |