## TDL5ES Table Top Low Speed Refrigerated Centrifuge

Table Top low Speed refrigerated Centrifuge is used in the medical, biochemical, biological products, pharmaceutical industry, and other industries for large-scale separation, precipitation, extraction and other experiments at low temperatures








## 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, the high-definition touch screen "Intelligent System" version displays both setting parameters and real-time parameters: Speed, RCF, Time,Temperature, Rise/Fall rate, Rotor No., Door cover status, etcion
- Using fluorine-free compressor unit, high-quality copper tube wrapped in centrifugal cavity, full tin welding technology, double-circulation pipeline, greatly improving refrigeration efficiency, it can be reduced from room temperature 25℃ to 4℃ within 4 minutes; the use of "automatic constant temperature control system adjustment technology" is accurate temperature control
- Can store and call 100 sets of programs, with 9 acceleration rates and 10 deceleration rate options
- The whole machine is all-steel structure, stainless steel centrifugal chamber; multi-layer protection design, three-stage vibration reduction, safe and stable
- Passed ISO9001, ISO13485, CE and other certifications

## Specifications

TDL5ES Technical Parameters:

| | | | |
|---|---|---|---|
| Max Speed | 5000rpm | Max RCF | 4420×g |
| Max Volume | 4×100ml Swing Rotor | Speed Accuracy | ±10rpm |
| Temperature Range | -20℃ ~ 40℃ | Timer | 1s ～ 99h59min59s |
| Temperature Accuracy | ±1℃ | Noise | ≤60dBA |
| Power Supply | AC110/220V,50/60HZ | Net Weight | 76KG |
| Dimension | 590×570×340mm | Package | 820×660×510mm,100kg |

TD6C Matched Rotors:

| Rotors No. | Rotor Type | Max Speed | Max Volume | Max RCF |
|---|---|---|---|---|
| No 05629 | Swing Rot or | 5000rpm | 4×1×50ml | 4420×g |
| No 05630 | | | 4×1×100ml | 4420×g |
| No 05634 | | 4000rpm | 4×2×50ml | 2820×g |
| No 05633 | | | 4×4×15ml | 2820×g |
| No 05632 | | | 4×6×10ml | 2580×g |
| No 05137 | Angle rotor | 5000rpm | 6×15ml | 2540×g |
| No 05139 | Angle rotor | 5000rpm | 12×15ml | 3080×g |
| No 05140 | Angle rotor | 5000rpm | 24×15ml | 3500×g |
| No 05141 | Angle rotor | 5000rpm | 30×15ml | 3830×g |
| No 05142 | Angle rotor | 5000rpm | 4×50ml | 2520×g |
| No 05143 | Angle rotor | 5000rpm | 6×50ml | 2850×g |
| No 05144 | Angle rotor | 5000rpm | 12×50ml | 3860×g |
| No 05146 | Angle rotor | 5000rpm | 4×100ml | 2630×g |
| No 05147 | Angle rotor | 5000rpm | 6×100ml | 3130×g |
| No 05648 | Swing Rotor | 4000rpm | 2×2×96 well | 2020×g |