

## High Speed Refrigerated Micro Centrifuge



Brushless DC motor

- Pre-cooling program ensures optimal protection of the sample before warming
- Guaranteed 2°C cooling within only 7 minutes for both chamber and samples even at maximum speed and capacity utilization
- Sound-alert allows your undivided attention on other tasks warming
- Locked lid after operation maintains the chamber temperature
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life rotor capacity
- Bio-safe rotor/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination
- High strength aluminum alloy rotor can be fully autoclaved for unlimited service life
- Four rotors are optional complete with 24 place 1.5/2.0mL tubes, bigger 5.0mL, smaller 0.2mL and 0.5mL tubes with the use of adapters
- Quiet running, noise level ≤54dB

### Specification of High Speed Micro Refrigerated Centrifuge

Model	ST-D3024R
Max. Speed	15000rpm (200 ~ 15000rpm), Increment: 10rpm
Max. RCF	21380×g, increment: 10×g
Speed Accuracy	±20 rpm
Temperature Range	-20°C ~ 40°C
Rotor Capacity	5mL × 18, 0.2mL/ 0.5mL/ 1.5mL/ 2mL × 24, 0.5mL × 36, PCR8×4
Run Time	30sec ~ 99min / Continuous
Motor	Brushless DC motor
Safety Devices	Dual door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC220V ~ 240V, 50Hz/ 60Hz, 10A, AC110V ~ 120V, 50Hz/ 60Hz, 10A 400W
Acceleration /Braking time [Sec]	25s↑ 25s↓
Dimension [W × D × H]	338W × 580D × 324H mm
Weight	30kg
Certification	CE cTUVus FCC MCA
Advanced features	Speed/RCF switch; Short-time run function; Sound-alert function