

REFRIGERATED CENTRIFUGE (High Speed Refrigerated Micro Centrifuge)

TOPLAB INDIA'S TOP-RefrigSpin Series High speed micro centrifuge which has the advantages of powerful function, high versatility, simple operation and so on. It adopts advanced control technology, reliable quality and superior performance. It is widely used in medical laboratory, biochemical and molecular biology research and routine analysis in industrial laboratory, genetic genes, protein nucleic acid. PCR products and other experimental studies are more significant. A variety of rotors can be adapted to meet the needs of daily experiments.

Stainless steel cavity and solid construction, suitable for continuous using.

Electronic lock, easy to open lid, automatic locking lid to ensure safety.

Large LED display showing which can be clear the operating parameter, separated button for rpm/rcf transformation.

Single knob controlled can be fast changed parameter.



Model: TOP-RefrigSpin

ADVANTAGES:

- 5 inch LCD high resolution display, setting and operating parameters real-time on-line clear.
- Temperature control range: $-20^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Adjustable speed: 100 rpm \sim 16,000 rpm.
- The pre-cooling function can be quick cooling the samples.
- It is equipped with automatic ID identification function of turning head to make the multi-turning head high-speed machine more safe and convenient to use, door cover protection, over speed and unbalanced detection system.
- It can monitor the centrifugal process in real time, ensure the safe operation of the instrument, prompt the sound signal at the end of operation, error and unbalance, and stop running at the same time. LCD displays the result code.
- Equipped with a sealed corner rotor equipped with rotor cover to prevent staff from being contaminated by samples.
- The setting temperature can be maintained continuously when centrifugal function is not used and the door cover is closed.
- It has automatic standby function, optimizes the refrigeration effect and prolongs the service life of the compressor.
- Stainless steel cavity, solid structure, suitable for continuous use, new and innovative automatic inhalation double lock, easy to open & close machine cover quiet and safe.



High Speed Refrigerated Micro Centrifuge

TECHNICAL SPECIFICATION:

Model	TOP-RefrigSpin
Type of Centrifuge	Refrigerated High Speed Centrifuge
Speed Range (rpm)	100 rpm ~ 16000 rpm
Max. RCF	23470×g
Speed Increment	1 increment:100 rpm /100xg
Speed Accuracy	±10 rpm
Temperature Range:	-20°C ~ +40°C
Max. Sample Capacity	1.5/2.2×24 Angle rotor , Capillary blood volume tube X24 Angle rotor, 5×10 Angle rotor, PCR 0.2×8×4 Angle rotor, 0.5×36 Angle rotor
Run Time Range	1 Sec - 99min 59 Sec /Continuous
Acceleration time	10 Sec ↑
Deceleration time	15 Sec ↓
Motor	Brushless DC motor
Max. Power	650W
Safety Devices	Safety Lid-lock, Over-speed, Over-current, Over-voltage protection & imbalance system
Working Noise	≤65dB
Advanced Features	Pre-Cooling, Speed/RCF switch; Short-Spin function; sound-alert function
Dimensions(W×D×H)	390x500x3200mm
Weight with one rotor	50kg
Power supply	AC220V/50Hz, 10A,Single Phase

ORDERING INFORMATION AND ORDER CODES:

No.	Code	Description
01	TOP-RefrigSpin	Refrigerated High Speed Centrifuge, Max. Speed 16000 RPM, AC220V/50Hz
02	TL-TR01	1.5/2.2ml x 24 Angle rotor Max:16000 (RPM)
03	TL-TR02	Capillary blood volume tube x 24 Angle rotor Max: 12000(RPM)
04	TL-TR03	5ml x 10 Angle Rotor, Max 16000 RPM
05	TL-TR04	PCR 0.2ml x 8 x 4 Angle rotor, Max 14800 RPM
06	TL-TR05	0.5ml x 36 Angle rotor , Max 15000 RPM



capacity: 1.5/2.2mlX24
Max. Speed:16000rpm
Max .Rcf:23470×g

TL-TR01



capacity: capillary blood tube X24
Max. Speed:12000rpm
Max .Rcf:14330×g

TL-TR02



capacity: 5mlX10
Max. Speed:16000rpm
Max .Rcf:18140×g

TL-TR03



capacity: 0.2mlX8X4
Max. Speed:14800rpm
Max .Rcf:16200×g

TL-TR04



capacity: 0.5mlX36
Max. Speed:15000rpm
Max .Rcf:16350×g

TL-TR05