

LABORATORY CENTRIFUGE

(Laboratory Micro/Mini Centrifuge)

TOPLAB INDIA'S TOP-SmartSpin Series centrifuge has powerful functionality, high versatility, simple operation etc features. TOP-SmartSpin is the ideal centrifuge for rapid centrifugation. Multi-Rotor can hold 12 micro-tubes and 4 (8X0.2ml) PCR tubes, and Strip- Rotor can hold 4 (12X0.2ml) PCR tubes. The maximum speed of this centrifuge can reach 12000rpm / min. TOP-SmartSpin's unparalleled centrifugal capacity and flexible performance make it your personal ideal micro/mini centrifuge..



Model: TOP-SmartSpin

ADVANTAGES:

- LCD Screen displays the time and speed, convenient to set and read.
- Adjustable speed: up to 12000 rpm.
- High accuracy of speed and time, excellent performance.
- Safety lid-lock, Prevents opening lid until rotor stops.
- Brushless DC motor free of maintenance.
- Sound alert alarm and automatic open the lid after the rotor stops.
- According different kinds requirement with multiple options for selecting different kinds of centrifuge.
- It induces the spacer layer outside chamber for absorbing the noise, reducing the vibration; Over-speed. Over-current, Over-voltage protection and imbalance system ensure the machine operating safety.
- Sound alert after operating or error, the LED display show the corresponding error code



Laboratory Micro/Mini Centrifuge

TECHNICAL SPECIFICATION:

Model	TOP-SmartSpin-7	TOP-SmartSpin-12
Type of Centrifuge	Low Speed Centrifuge	High Speed Centrifuge
Speed Range (rpm)	1000 rpm ~ 7000 rpm	1000 rpm ~ 12000 rpm
Max. RCF	RCF3240xg	RCF9515xg
Speed Increment	1 increment:100 rpm	
Speed Accuracy	±10 rpm	
Max. Sample Capacity	12X1.5ml / 2.0ml tubes 32X0.2ml PCR tubes 4 XPCR strips (8X0.2 ml) 4X PCR strips (12X0.2ml)	
Run Time Range	1Sec - 999min	
Acceleration time	15 Sec ↑	
Deceleration time	15 Sec ↓	
Display	LCD Time and Speed display	
Motor	Brushless DC motor	
Safety Devices	Safety Lid-lock, Over-speed, Over-current, Over-voltage protection & imbalance system	
Working Noise	≤56dB	
Advanced Features	Speed/RCF switch; Short-Spin function; sound-alert function	
Operating temperature	5°C ~ 40°C	
Weight with one rotor	10kg	
Power	150W	175W
Power supply	AC200-240V 50-60Hz, 10A,Single Phase	

ORDERING INFORMATION AND ORDER CODES:

No.	Code	Description
01.	TOP-SmartSpin-7	Centrifuge with Adjustable speed 1~7K rpm (with multifunctional combination and tube rotor) / 1~7Krpm with multi & PCR Strips rotor
02.	TOP-SmartSpin-12	Centrifuge with Adjustable speed 1-12k rpm (with multifunctional combination and tube rotor) / 1-12Krpm multi & PCR Strips rotor
03.	Multi-Rotor	Multifunctional combination (12X1.5ml / 2.0ml) / 12X1.5ml / 2.0 tubes & 4xPCR strips (8X0.2ml) rotor
04.	Strips-Rotor	4xPCR strips (12x0.2ml) rotor / 4xPCR strips (12x0.2ml) rotor
05.	5ML-Rotor	5ml X4 Rotor / 5ml X4 Rotor
06.	HCT-Rotor	Capillary rotor (12 tubes) / 12 capillary hematocrit Rotor



Strips -Rotor



Multi-Rotor