

TOPSCIEN

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laboratory Solution Supplier

INSTRUMENT

STRIVING TO BE THE LEADER IN LIQUID HANDLING INDUSTRY

Complete Product line
Laboratory Equipment And Consumables

TOPSCIEN INSTRUMENT(NINGBO CHINA)CO.,LTD

STRIVING TO BE THE LEADER IN LIQUID HANDLING INDUSTRY

'High quality and reliable products, advanced service concept' is entrepreneurial business philosophy of TOPSCIEN for many years. Technology is always core competence for TOPSCIEN. There are currently more than 100 technician engaged in R&D programs. Besides, its production plants totally have approximately 1,200 technicians. The R&D headquarter in Canada includes three research institutes. Meanwhile, TOPSCIEN also establishes overseas research institutions in the United States, China and Singapore. These research institutions will further strengthen the cooperation and be dedicated to technological innovation and development of new products. They strive to make research and development to be the 'accelerator of reformation' and 'source of creation in growing' for TOPSCIEN. They also actively promote cooperation in basic and applied research with internationally renowned universities and research institutes, as well as actively promoting the development of globalization.

Its research areas are related to information communication technology, laboratory equipment, the design and development of hospital equipment, etc. Around the field of the core technology of TOPSCIEN, the member company was founded in the city of Ningbo in 2010, which sales laboratory liquid handling product, that is, Topscien Instrument (Ningbo) Co., Ltd.



Micro high speed centrifuge

Feature

- Extremely compact with exceptionally small footprint
- 12x1.5/2.0ml capacity rotor
- Spin up to 14,500rpm,14,100xg
- Deceleration and acceleration of < 13s
- Clear, easy-to-use digital display of time and speed
- Remarkably quiet operation
- Metal rotor
- Conform to IEC 1010-2-020 safety regulations
- Separate Short Spin button for fast, convenient quick spins
- Excellent air-flow minimizes heating-protects temperature-sensitive samples
- Lid automatically opens at the end of the run to reduce handling time
- Maintenance-free drive
- Rotor is autoclavable at 121°C,20 min
- Chemical resistant inner centrifuge lid



Specification

Modle	TC-MicroSpin	TC-MicroPlus
Power supply	110V-60Hz or 230V-50/60Hz	110V-60Hz or 230V-50/60Hz
Power requirement	100W	105W
Max.rotational speed (rpm)	800-13,400 rpm(in 100 rpm increments)	800-14,500 rpm(in 100 rpm increments)
Relative centrifugal force (rcf)	12,100xg	14,100xg
Timer	15 sec--99min	15 sec--99min
Acceleration time to max.speed	13s	13s
Braking time from max.speed	12s	12s
Dimensions in cm (WxDxH)	26x26x15	26x26x15
Weight (including roto)	4.3kg	4.3kg

Rotor and accessories

- Transparent high strength plastiv cover
- Roto high temperature and high pressure sterilization (121°C, 20min)
- Optional adapter parts
 - 0.2ml PCR tube adapter
 - 0.5ml PCR tube adapter



rpm/rcf
设定相互转换

使用箭头键可以快捷地
选择运行时间和转速

- LCD display back lighting
- RMP/RCF setting interconversion
- Use the **▲** button setting the time and speed quickly

Order information

Cat.No.	Code No.	Specification
8011151	TC-MicroSpin	13,400 rpm/min
8011152	TC-MicroPlus	14,500 rpm/min
8011151B	TC-MicroSpin	13,400 rpm/min
8011152B	TC-MicroPlus	14,500 rpm/min

Spccialise in researching and developing medical centrifuge, laboratory centrifuge, Micro centrifuge, it can meet kinds of requirement.

Nextspin Centrifuge

Nextspin SERIES centrifuge have powerful functionality, high versatility, simple operation etc features. The centrifuge suitable for extraction of medical products, blood bank, clinical trial and of blood serum, plasma, body fluids and biological specimen in biology laboratory, it is more significantly in the genetic, Protein & Nucleic Acid, PCR products field for experimental research.



Feature

Safety lid-lock, prevents opening lid until rotor stops.

DC motor free of maintenance.

Short spin and timing set spin patterns, make it more efficient.

LCD screen displays time and speed, convenient to set and read.

Use the advance and reliable CPU control system, can be control the RPM, RCF and time accurately.

Ventilation cooling system and excellent air heat exchange technology which will be reduced the rotor temperature, ensure the sample undamaged, Sound alert and automatic open the lid after the rotor stops.

Adjustable speed:100 - 5000 rpm, Max relative centrifugal force:2850×g. High accuracy of speed and time, excellent performance. More samples is dealt at one time with high efficiency.

According different kinds requirement with multiple options for selecting different kinds of centrifuge.

It include the spacer layer outside chamber for absorbing the noise, reducing the vibration; overspeed, 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.



Operation interface succinctly and clearly

Technical data

Speed Range	100~5000rpm increment: 100rpm~5000rpm
Max. RCF	2850xg
Max. Sample Capacity	8ml/5ml/3mlx24, 50mlx6
Time Range	0 ~99m,59s
Safety	Safety lid-lock, Imbalance system
Working Noise	≤ 56dB
Acceleration / Deceleration	20s↑20s↓
Power	200W



Order information

Cat.No.	Code No.	Specification
8011580	TC-NextSpin-218	220V 50Hz with 3ml(5ml)(8ml)vacuum tubeX18 double row angle rotor Max RCF2545xg
8011581	TC-NextSpin-218	110V 60Hz with 3ml(5ml)(8ml)vacuum tubeX18 double row angle rotor Max RCF2545xg
8011582	TC-NextSpin-118	220V 50Hz with 3ml(5ml)(8ml)vacuum tubeX18 single row rotor MaxR CF2850xg
8011583	TC-NextSpin-118	110V 60Hz with 3ml(5ml)(8ml)vacuum tubeX18 single row rotor MaxR CF2850xg
8011584	TC-NextSpin-224	220V 50Hz with 3ml(5ml)(8ml)vacuum tubeX24 double row angle rotor MaxRCF2850xg
8011585	TC-NextSpin-224	110V 60Hz with 3ml(5ml)(8ml)vacuum tubeX24 double row angle rotor MaxRCF2850xg
8011586	TC-NextSpin-112	220V 50Hz with 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X12 rotor Max RCF2740xg
8011587	TC-NextSpin-112	110V 60Hz with 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X12 rotor Max RCF2740xg
8011588	TC-NextSpin-106	220V 50Hz 50mlconical tube X6 angle rotor MaxRCF2740xg
8011589	TC-NextSpin-106	110V 60Hz 50ml conical tube X6 angle rotor MaxRCF2740xg
8011590	TC-NextSpin-S06	220V 50Hz 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X6 swing rotor MaxRCF2510xg
8011591	TC-NextSpin-S06	110V 60Hz 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X6 swing rotor MaxRCF2510xg
8011592	TC-NextSpin-1524	220V 50Hz with 15ml conical tube X24 double row angle rotor MaxRCF2850xg
8011593	TC-NextSpin-1524	110V 60Hz with with 15ml conical tube X24 double row angle rotor MaxRCF2850xg

Nextspin programmable centrifuge

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According different kinds requirement with multiple options for selecting different kinds of centrifuge.

It include the spacer layer outside chamber for absorbing the noise, reducing the vibration; overspeed, 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.



6 sections programmable and storable
A shortcuts button for storing

技术参数/Technical data

最高转速/Speed Range	100~5000rpm 步进/increment: 100rpm~5000rpm
最大相对离心力/Max. RCF	2850xg
最大容量/Max. Sample Capacity	8ml/5ml/3mlx24, 50mlx6
定时范围/Time Range	0 ~99m,59s
安全性能 /Safety	安全门和不平衡系统/Safety lid-lock, Imbalance system
噪音 /Working Noise	≤ 56dB
加减速速度/Acceleration / Deceleration	20s↑20s↓
功率/Power	200W



Order information

Cat.No.	Code No.	Specification
8011650	TC-NextSpin-218	220V 50Hz with 3ml(5ml)(8ml)vacuum tubeX18 double row angle rotor Max RCF2545xg
8011651	TC-NextSpin-218	110V 60Hz with 3ml(5ml)(8ml)vacuum tubeX18 double row angle rotor Max RCF2545xg
8011652	TC-NextSpin-118	220V 50Hz with 3ml(5ml)(8ml)vacuum tubeX18 single row rotor MaxR CF2850xg
8011653	TC-NextSpin-118	110V 60Hz with 3ml(5ml)(8ml)vacuum tubeX18 single row rotor MaxR CF2850xg
8011654	TC-NextSpin-224	220V 50Hz with 3ml(5ml)(8ml)vacuum tubeX24 double row angle rotor MaxRCF2850xg
8011655	TC-NextSpin-224	110V 60Hz with 3ml(5ml)(8ml)vacuum tubeX24 double row angle rotor MaxRCF2850xg
8011656	TC-NextSpin-112	220V 50Hz with 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X12 rotor Max RCF2740xg
8011657	TC-NextSpin-112	110V 60Hz with 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X12 rotor Max RCF2740xg
8011658	TC-NextSpin-106	220V 50Hz 50mlconical tube X6 angle rotor MaxRCF2740xg
8011659	TC-NextSpin-106	110V 60Hz 50ml conical tube X6 angle rotor MaxRCF2740xg
8011660	TC-NextSpin-S06	220V 50Hz 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X6 swing rotor MaxRCF2510xg
8011661	TC-NextSpin-S06	110V 60Hz 3ml(5ml)(8ml)vacuum tube or 15ml conical tube X6 swing rotor MaxRCF2510xg
8011662	TC-NextSpin-P1524	220V 50Hz with 15ml conical tube X24 double row angle rotor MaxRCF2850xg
8011663	TC-NextSpin-P1524	110V 60Hz with with 15ml conical tube X24 double row angle rotor MaxRCF2850xg

Spinplus Centrifuge

Spinplus-6 is the most powerful and competitive centrifuge in its class. It can be placed 6 of 15ml conical tubes or glass tubes, 8 of 15ml conical tubes or glass tubes. The speed can be 100- 5000RPM, the LCD display with ability to change between RPM and RCF. The centrifuge is ideal for the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories.



- Safety lid-lock
- LCD display showing
- Open lid automatically
- The operation interface simple and easy
- RPM and RCF can be switched in display showing
- 8 or 6 of 15ml conical tubes with screw caps can be placed

Feature

- Gentle braking at low speeds with efficient separation acceleration and braking time(20-80 seconds) can be adjustable for the 0-5000rpm speed
- The LCD display with ability to change between RPM and RCF
- Separate short spin button for convenient and quick spins .
- Automatic release the lid when operation has stopped to save processing time
- Operation can be timed from 10 seconds to 99 minutes with bell signal after finish operation
- Safety lid-lock prevent opening the centrifuge lid until the rotor has stopped spinning
- 1 year warranty



Specification

Model	TC-Spinplus
Power supply	110V-60Hz or 230V-50/60Hz
Power requirement	40W
Max. rotational speed(rpm)	100-5000rpm(in 1000rpm increments)
Relative centrifugal force(rvf)	3074xg
Timer	15 sec--99min
Acceleration time to max.speed	20-80 seconds available
Braking time from max.speed	20-80 seconds available



6 tubes metal rotor



8 tubes metal rotor

订货信息/Order information

Cat.No.	Code No.	Specification
8011601	TC-Spinplus-6	220V 50Hz include the 15mlx6 rotor
8011602	TC-Spinplus-6	110V 60Hz include the 15mlx6 rotor
8011603	TC-Spinplus-8	220V 50Hz include the 15mlx8 rotor
8011604	TC-Spinplus-8	110V 60Hz include the 5mlx12 rotor
8011605	TC-Spinplus-12	220V 50Hz include the 5mlx12 rotor
8011606	TC-Spinplus-12	110V 60Hz include the 5mlx12 rotor
8011600-1	Rotor(15mlx6)	For 15mlx6(D12x75 glass tube)
8011601-2	Rotor(15mlx8)	For 15ml conical tube with screw caps
8011601-3	Rotor(15mlx12)	For 5ml conical tube with screw caps