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Hunan Herexi Instrument & Equipments Co.,Ltd.

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The best choice for samples separation



- Vacuum Concentrator System
- Large capacity Centrifuge
- High Speed Centrifuge
- Low Speed Centrifuge
- Customized Centrifuge
- New Developed Instruments
- Appendix

Centrifuge and Concentrator series



Hunan **Herexi Instrument** & Equipments Co.,Ltd.



<http://www.hexi17.com>



Enterprise Culture

Company profile

History

Hunan Herexi Instrument Equipment Co., Ltd. has been registered since 2007. After more than ten years of development, it has become a professional high-tech company with research and development, production and sales of laboratory equipment and instruments with self-owned intellectual property rights, independent brands and independent innovation capabilities.

Innovating

Herexi Instruments regards product research and development as an important strategy to build the core competitiveness of the company and promote the company's sustainable development. The company has independently developed 3H series intelligent high-speed refrigerated centrifuge, RH2010SF-I rapid moisture analyzer, ZLS series vacuum centrifugal concentrator and other products, among which 3H series intelligent highspeed refrigerated centrifuge has reached the world's leading level, RH2010SF-I rapid moisture determination The instrument pioneered a new era of moisture testing.

The company's products are widely used in research institutes, universities, blood banks, hospitals, biological products, pharmaceuticals, biochemical testing, agricultural science, environmental protection and petrochemical production research.

In 2017 and 2018, the company was awarded the qualification of "Special Instrument and Equipment of the General Administration of Quality Supervision, Inspection and Quarantine"



Mission: Leading the World's Advanced Level and Developing China's Science and Instrument Equipment

vision :Based in China with global visions , build a leading and internationally brand

value : Produce high quality products and provide satisfactory service

Production workshop



Qualification



Business license



CFDA & CFDA production qualification



CE certification



ISO9001 certification
ISO13485 certification



National standard
GB-T 30099-2013



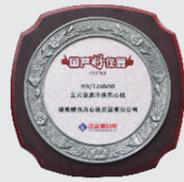
Industry Standard
JB-T 12453-2015



Society Standard
T-CIS 17002-2018



China Instrument Industry
Diamond Member



Domestically Perfect Produced



Changsha Science and Technology
Project Acceptance Certificate



Independent Innovation Gold Award



Independent Innovation Silver Award

Vacuum Concentrator System

ZLS-1、ZLS-2、ZLS-3 Vacuum Concentrator Centrifuge 06

CT-6 Cold Trap 08

Large capacity Centrifuge

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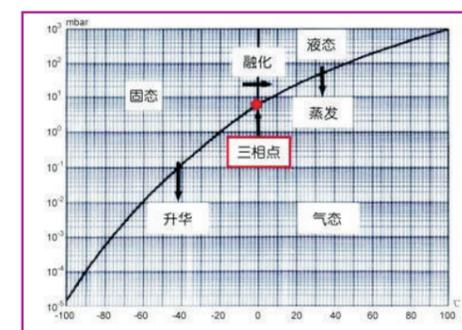
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Vacuum Concentrator centrifuge

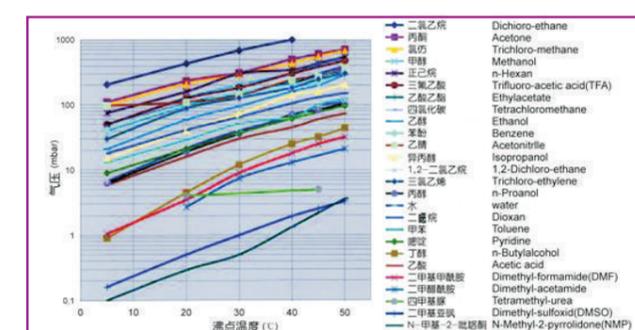
Application range

- DNA/RNA (solvent, ethanol, methanol)
- PCR product
- Liquid chromatography (HPLC) product
- Synthesis and separation of organic substrates
- Substrate preservation and processing
- High throughput screening(HTS)
- Toxicological identification, forensic identification
- Chemical composition
- General analysis of food and environmental samples
- Laboratory evaporation

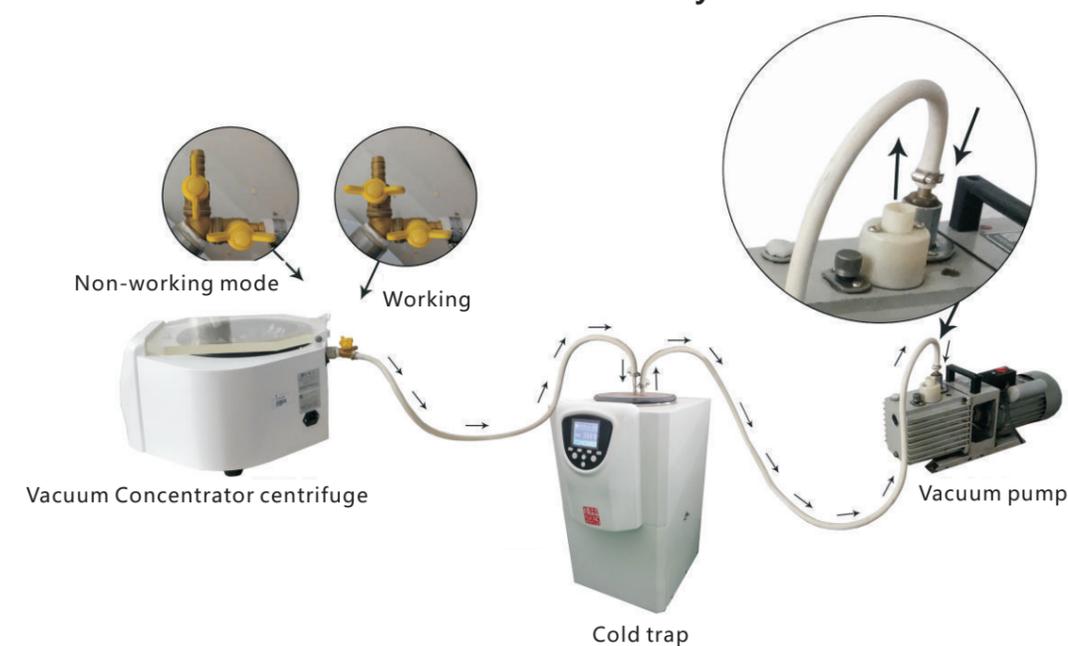
Water vapor pressure curve



General organic solvent vapor pressure curve



Vacuum Concentrator System



ZLS-1, ZLS-2, ZLS-3 Vacuum Centrifugal Concentrator

The ZLS series of vacuum centrifugal concentrator can quickly evaporate or remove the water and organic solvents from the sample. The processed sample can be conveniently used for the purpose testing and research ,widely used for various qualitative and quantitative analyses. Chemical analysis, biological analysis, immunoscreening, food safety, residue analysis, etc.

Suitable for concentration of immunoglobulins, concentration of drug metabolites, SPE solid phase extraction, Liquid phase chromatic spectrum before and after processing, ADMET/toxicology, polymer chemistry, DNA/RNA purification and concentration, forensic/drug abuse testing.



Specification

Model	ZLS-1	ZLS-2	ZLS-3
Rotor Capacity	62×1.5mL	12×10mL or 6×50mL	6×250mL (6×2×50mL or 6×5×20mL adapter)
Speed	1500r/min	1500r/min	2000r/min
RCF	220xg	220xg	500xg
Total Power	1kW	1kW	1.5kW
Max Current	5A	5A	7A
Ambient Temp	0°C~+40°C	0°C~+40°C	0°C~+40°C
Noise	≤50dB (A)	≤50dB (A)	≤50dB (A)
Temp.control Range	Room temp~+60°C or without Heater		
Vacuum degree	0.1mbar		
Vacuum interface	φ10mm		
Vacuum pump (recommended)	FY-4C-N		
Cold trap (recommended)	CT-6		
Power	AC220V/50Hz		
Weight	21kg	21kg	38kg
Dimension (L×W×H)	500×490×280mm	500×490×280mm	600×540×360mm
Package dimensions			

Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise
- Vacuum sample heating (optional)
- LCD touch screen monitor with TFT true color
- With over temperature warning function.
- The diving room can be heated to 60 °C.
- Aluminum alloy diving room with corrosion resistant coating
- Free-maintenance, non-contact drive rotation system.
- Transparent cover for observing operation status
- Microprocessor based technology , easy and direct operation interface
- Concentration time: 1min-99h59min, can be combined with cold trap.
- Split design, free assembly and matching, flexible and convenient.
- Different types of optional rotors available

Rotors Parameter

	Figure	Parameter	Figure	Parameter
Fixed-Angle Rotor		Max Speed: 1500r/min Serial No: H022-003-106-301 For ZLS-1 model		Max Speed: 1500r/min Serial No: H022-003-020-301 For ZLS-2 model
		Max Speed: 1500r/min Serial No: H022-003-107-301 For ZLS-2 model		Max Speed: 2000r/min Serial No: H026-003-012-301 For ZLS-3 model
Swing plate rotor		Max Speed: 2000r/min Serial No: H026-002-052-221 For ZLS-3 model		

CT-6 Cold trap

The Evaporation rate is influenced by the energy that has been absorbed and the speed of the vacuum pump. A relatively large evaporation surface area of a sample, rather than sample capacity and quantity is the blockage that affects the efficiency of the vacuum pump. Therefore instead of using bigger vacuum pump, employ the cold trap. The application of the cold trap helps to condense vapors on the one hand and enhance then evaporation density of organic solutions for better condensation.



Specification

Model	CT-6
Min temp	- 40°C
Cooling power	300W
Cooling System	R404a
Collection capacity	200mL
Vacuum interface	φ10mm
Circulation	Hermetic circulation
Time range	1min-99h59min
Temperature adjustment	±1°C
Weight	44kg
Dimensions(L×W×H)	440×340×630mm
Package dimensions	

Main Features

- TFT true color touch wide screen indicating temperature of cold trap
- Volume: 4 L
- Temperature range: normal temperature -40°C
- Compressor coolant: R404 a
- Temperature adjustment: ±1°C
- Circulation: Hermetic circulation

LRM-12L Ultra-large Capacity Refrigerated Centrifuge

The capacity is 6×2400mL, can separate 18 bags of 200mL or 12 bags of 400mL blood bags at one time. It is mainly used in the fields of biochemistry, blood bank, medical and health, food safety, life science, agriculture and forestry science, animal husbandry science, biological products, pharmaceutical products and other fields.



Main Features

- PLC and touch screen (in line with EU CE electrical standards), with control panel and high torque AC variable frequency motor, for stable operation and low noise, providing a comfortable laboratory environment.
- Variable frequency drive system and automatic control system to ensure steady and reliable operation.
- Wide temperature control range: -20 ° C +40°C, can be set during the operation of the centrifuge, with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, Maximum capacity 6×2400ml.
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- TFT-LCD true color touch screen, can display setting parameters and operating parameters at the same time, the operation interface is simple and easy to use, can display the speed rise curve, centrifugal integral curve, temperature curve. the operation menu can provide multi- language (Chinese, English).
- Can store 16 sets of user-defined programs (Can be customized according to demand).
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	LRM-12L
Max Capacity	6×2400mL
Max Speed	4000r/min
Max RCF	5680×g
Speed Adjustment	(±50 rpm steps) can be customized
Cooling System	R404a
Temp Range	- 20°C ~ +40°C
Temp accuracy	±1°C
Operation program	16set
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	6.0kW
Timer Range	1min-99h59min
Noise	≤65dB (A)
Weight	450kg
Dimention (L×W×H)	860×960×1200mm
Package dimensions	

Rotors Specification

	Figure	Parameter	Figure	Parameter
Swing Rotor		Max Speed : 4200r/min Max RCF: 5680×g serial No: H014-002-098-201 Cup serial No: H014-002-071-202 Standard carbon fiber cover		Max Speed: 4000r/min Max RCF: 5653×g Rotor serial No: H014-002-098-201 Cup serial No: H014-002-098-221 Standard carbon fiber cover
	6×2×1000mL		6×2400mL	

LR6M、LR8M、LR10M Low Speed Large Capacity Refrigerated Centrifuge

Widely used in medical (hospital, CDC, blood bank, animal husbandry, radioimmunoassay); research (higher institutions, research institutes, research and development centers, laboratories); production (bioengineering, biopharmaceuticals, genetic engineering, biology) Chemical, plant extract, blood preparation, food processing, petrochemical, cream separation) and other fields.



Main Features

- PLC and touch screen (in line with EU CE electrical standards), with control panel and high torque AC variable frequency motor, for stable operation and low noise, providing a comfortable laboratory environment.
- Variable frequency drive system and automatic control system to ensure steady and reliable operation.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, . Maximum capacity 6×1000ml.
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- TFT-LCD true color touch screen, can display setting parameters and operating parameters at the same time, the operation interface is simple and easy to use, can display the speed rise curve, centrifugal integral curve, temperature curve. the operation menu can provide multi- language (Chinese, English).
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

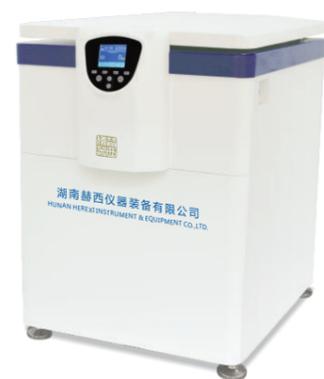
Model	LR6M	LR8M	LR10M
Max Capacity	6×1000mL	6×1000mL	6×1000mL
Max Speed	4200 r/min	8000r/min	10000r/min
Max RCF	5167×g	11377×g	15093×g
Speed Adjustment	±50 rpm steps (can be customized)		
Cooling System	R404a		
Temp range	- 20°C ~ +40°C		
Temp control range	±1°C		
Operation program	16set		
Control and drive system	Large torque AC variable frequency motor, microcomputer control		
Timer Range	1min-99h59min, with continuous run function		
Total Power	4.0kW	4.0kW	5.7kW
Noise level	< 65dB (A)	< 65dB (A)	< 65dB (A)
Weight	270kg	270kg	280Kg
Dimention (L×W×H)	840×730×950mm	840×730×950mm	840×730×950mm
Package dimensions			

Rotors Specification

	Figure	LR6M	LR8M	LR10M
Fixed-Angle Rotor	 6×250mL			Max Speed: 10000r/min Max RCF: 15093×g Serial No: H013-003-012-301 With Bio-isolated sealed rotor cover
	 6×500mL		Max Speed: 8000r/min Max RCF: 11377×g Serial No: H015-003-093-301 With Bio-isolated sealed rotor cover	Max Speed: 8000r/min Max RCF: 11377×g Serial No: H015-003-093-301 With Bio-isolated sealed rotor cover
	 6×1000mL (Backman bottle)			Max Speed: 7000r/min Max RCF: 11011×g Serial No: H013-003-097-301 With Bio-isolated sealed rotor cover
Swing Rotor	 4×1000mL		Max Speed: 4000r/min Max RCF: 4050×g Serial No: H015-002-099-201 Cup serial No: H015-002-099-202	Max Speed: 4000r/min Max RCF: 4050×g Serial No: H015-002-099-201 Cup serial No: H015-002-099-202
	 6×1000mL			Max Speed: 4200r/min Max RCF: 5167×g Serial No: H015-002-092-201 Cup serial No: H015-002-092-202

DD5M、TL5R、 TL6R、 TL8R Floor-standing Low Speed Large Capacity Centrifuge

With a capacity up to 3L. It is widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood stations, clinical trials, etc.



Main Features

- PLC and touch screen (in line with EU CE electrical standards), with control panel and high torque AC variable frequency motor, for stable operation and low noise, providing a comfortable laboratory environment.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three- stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen, can display setting parameters and operating parameters at the same time, the operation interface is simple and easy to use,can display the speed rise curve, centrifugal integral curve, temperature curve. the operation menu can provide multi- language (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	DD5M	TL5R	TL6R	TL8R
Max Speed	5000r/min	5500r/min	6500r/min	8000r/min
Max RCF	4800×g	4800×g	4800×g	6142×g
Max Capacity	6×500mL	4×750mL	4×750mL	4×750mL
Cooling System	Optional	R404a	R404a	R404a
Temp range		- 20°C ~ +40°C	- 20°C ~ +40°C	- 20°C ~ +40°C
Temp adjustment range		±1°C	±1°C	±1°C
Speed Adjustment	±50 rpm steps (can be customized)			
Operation program	20 set			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Timer Range	1min-99h59min, with continuous run function			
Noise level	≤65dB (A)			
Total Power	0.8kW/2.0kW	2.0kW	2.0kW	2.0kW
Weight	85kg/180kg	150kg	150kg	150kg
Dimention(L×W×H)	740×620×900mm	710×560×770mm	710×560×770mm	710×560×770mm
Package dimensions				

Rotors Specification

	Figure	DD5M	TL5R	TL6R	TL8R
Fixed-Angle Rotor	12×10mL			Max Speed: 6500r/min Max RCF: 4055×g Serial No: H002-003-006-301 With Bio-isolated sealed rotor cover	Max Speed: 8000r/min Max RCF: 6142×g Serial No: H002-003-006-301 With Bio-isolated sealed rotor cover
	12×15mL/10mL		Max Speed: 5500r/min Max RCF: 3140×g Serial No: H008-003-018-301		
Swing Rotor	48×5mL		Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H002-002-121-221		
	48×5mL/2mL (Vacuum tube)		Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H002-002-058-221		
	76×5mL/2mL (Vacuum tube)	Max Speed: 4000r/min Max RCF: 3080×g Serial No: H002-002-085-201 Cup serial No: H002-002-060-202		Max Speed: 4000r/min Max RCF: 3080×g Serial No : H002-002-085-201 Cup serial No: H002-002-061-202	
	148×5mL/2mL (Vacuum tube)	Max Speed: 4000r/min Max RCF: 3420×g Serial No: H016-002-112-201 Cup serial No: H016-002-113-202		Max Speed: 4000r/min Max RCF: 3420×g Serial No: H016-002-112-201 Cup serial No: H007-002-062-202	
	16×15mL/10mL	Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H009-002-044-208			
	24×15mL/10mL			Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H006-002-023-208	
	32×15mL/10mL			Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H002-002-050-208	

Figure	DD5M	TL5R	TL6R	TL8R
 8×50mL		Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H002-002-048-208 See the Appendix No1 for optional adapters		
 4×100mL		Max Speed: 5000r/min Max RCF: 4800×g Serial No: H008-002-065-201 Cup serial No: H009-002-064-208 See the Appendix No1 for optional adapters		
 4×250mL (Conical bottom)			Max Speed: 4000r/min Max RCF: 2780×g Serial No: H002-002-085-201 Cup serial No: H002-002-080-202	
 4×250mL (Flat bottom)			Max Speed: 4000r/min Max RCF: 2780×g Serial No: H002-002-085-201 Cup serial No: H002-002-085-202 See the Appendix No1 for optional adapters	
 4×500mL			Max Speed: 4000r/min Max RCF: 3580×g Serial No: H011-002-042-201 Cup serial No: H011-002-042-202 See the Appendix No1 for optional adapters	
 6×500mL	Max Speed: 3600r/min Max RCF: 2850×g Serial No: H016-002-045-201 Cup serial No: H016-002-045-202			
 4×750mL			Max Speed: 4000r/min Max RCF: 3520×g Serial No: H011-002-041-201 Cup serial No: H011-002-041-202 See the Appendix No1 for optional adapters	
 2×2×96hole			Max Speed: 4000r/min Max RCF: 2360×g Serial No: H002-002-053-201 Cup serial No: H002-002-053-221	
 4×2×96hole			Max Speed: 4000r/min Max RCF: 3148×g Serial No: H011-002-051-201 Cup serial No: H011-002-051-221	

Swing Rotor

Swing micro-plate rotor

HR26M、HR21M、HR20M Floor-standing High Speed Refrigerated Centrifuge

With a capacity up to 3L designed for high speed requirements, available with a continuous flow rotor (for HR21M only) and a titanium rotor (for HR26M only). Widely used in clinical medicine, genetic engineering, universities, research and pharmaceuticals.



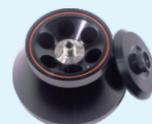
Main Features

- PLC and touch screen (in line with EU CE electrical standards), with control panel and high torque AC variable frequency motor, for stable operation and low noise, providing a comfortable laboratory environment.
- Wide temperature control range: -20 ° C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen, can display setting parameters and operating parameters at the same time, the operation interface is simple and easy to use,can display the speed rise curve, centrifugal integral curve, temperature curve. the operation menu can provide multi- language (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 16 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotors (angle rotors only) and a variety of adapters are available.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	HR26M	HR21M	HR20M
Max Speed	25000r/min	21000r/min	20000r/min
Max RCF	58696×g	48811×g	44272×g
Max Capacity	4×1000mL	6×500mL	6×500mL
Speed Adjustment	(±50 rpm steps) can be customized		
Cooling System	R404a		
Temp control range	- 20°C ~ +40°C		
Temp adjustment accuracy	±1°C		
Operation program	16set		
Control and drive system	Large torque AC variable frequency motor, microcomputer control		
Timer Range	1min-99h59min, with continuous run function		
Noise level	≤65dB (A)		
Total Power	4.0kW	4.0kW	4.0kW
Weight	260kg	240kg	240kg
Dimention (L×W×H)	840×730×960mm	820×710×950mm	820×710×950mm
Package dimensions			

Rotors Specification

Figure	HR26M	HR21M	HR20M
 24×1.5/2.0mL	Max Speed: 25000r/min Max RCF: 58696×g Serial No: H012-003-003-301 Bio-isolated sealed rotor cover Titanium alloy rotor		
 16×10mL		Max Speed: 21000r/min Max RCF: 48811×g Serial No: H012-003-079-301 Bio-isolated sealed rotor cover	Max Speed: 20000r/min Max RCF: 44272×g Serial No: H012-003-079-301 Bio-isolated sealed rotor cover
 6×50mL (Round bottom)		Max Speed: 20000r/min Max RCF: 42036×g Serial No: H012-003-008-301 Bio-isolated sealed rotor cover	Max Speed: 20000r/min Max RCF: 42036×g Serial No: H012-003-008-301 Bio-isolated sealed rotor cover

Fixed-Angle Rotor

Figure	HR26M	HR21M	HR20M
 6×50mL (conical bottom)		Max Speed: 18000r/min Max RCF: 33687×g Serial No: H012-003-009-301 Bio-isolated sealed rotor cover	Max Speed: 18000r/min Max RCF: 33687×g Serial No: H012-003-009-301 Bio-isolated sealed rotor cover
 8×50mL (Round bottom)	Max Speed: 21000r/min Max RCF: 48318×g Serial No: H012-003-019-301 Bio-isolated sealed rotor cover	Max Speed: 16000r/min Max RCF: 28048×g Serial No: H012-003-019-301 Bio-isolated sealed rotor cover	Max Speed: 16000r/min Max RCF: 28048×g Serial No: H012-003-019-301 Bio-isolated sealed rotor cover
 8×50mL (conical bottom)	Max Speed: 21000r/min Max RCF: 51768×g Serial No: H012-003-094-301 Bio-isolated sealed rotor cover	Max Speed: 16000r/min Max RCF: 30052×g Serial No: H012-003-094-301 Bio-isolated sealed rotor cover	Max Speed: 16000r/min Max RCF: 30052×g Serial No: H012-003-094-301 Bio-isolated sealed rotor cover
 8×100mL		Max Speed: 12000r/min Max RCF: 18837×g Serial No: H012-003-095-301 Bio-isolated sealed rotor cover	Max Speed: 12000r/min Max RCF: 18837×g Serial No: H012-003-095-301 Bio-isolated sealed rotor cover
 6×250mL/300mL	Max Speed: 12000r/min Max RCF: 21734×g Serial No: H012-003-012-301 Bio-isolated sealed rotor cover	Max Speed: 12000r/min Max RCF: 21734×g Serial No: H012-003-012-301 Bio-isolated sealed rotor cover	Max Speed: 12000r/min Max RCF: 21734×g Serial No: H012-003-012-301 Bio-isolated sealed rotor cover
 6×500mL (Backman bottle)	Max Speed: 10000r/min Max RCF: 17776×g Serial No: H012-003-093-301 Bio-isolated sealed rotor cover	Max Speed: 8000r/min Max RCF: 11377×g Serial No: H012-003-093-301 Bio-isolated sealed rotor cover	Max Speed: 8000r/min Max RCF: 11377×g Serial No: H012-003-093-301 Bio-isolated sealed rotor cover
 4×1000mL	Max Speed: 8000r/min Max RCF: 12594×g Serial No: H012-003-120-301 Bio-isolated sealed rotor cover		
 3000mL		Max Speed: 8000r/min Max RCF: 9444×g Serial No: H012-003-118-301	

Fixed-Angle Rotor

continuous flow rotor

HR/T20MM Floor-standing High Speed Refrigerated Centrifuge

The capacity is up to 4×750mL, mainly used in the fields of biochemistry, medical and health, food safety, life science, agriculture and forestry science, animal husbandry science, blood bank, biological products, pharmaceutical products, etc.



Main Features

- PLC and touch screen (in line with EU CE electrical standards), with control panel and high torque AC variable frequency motor, for stable operation and low noise, providing a comfortable laboratory environment.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen, can display setting parameters and operating parameters at the same time, the operation interface is simple and easy to use, can display the speed rise curve, centrifugal integral curve, temperature curve. the operation menu can provide multi- language (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotors (angle rotors only) and a variety of adapters are available, suitable for 1.5mL to 750mL centrifuge tubes or reagent bottles; can centrifuge various MTP micro-plates, PCR plates, cell plates.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Rotors Specification

Model	HR/T20MM
Max Capacity	4×750mL
Max Speed	20600r/min
Max RCF	29280×g
Standard rotor	12×1.5/2.0mL
Speed Adjustment	±50 rpm steps (can be customized)
Cooling System	R404a
Temp control range	- 20°C ~ +40°C
Temp adjustment	±1°C
Operation program	20sets
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	2.0kW
Timer Range	1min-99h59min, with continuous run function
Noise level	≤65dB (A)
Rotor recognition	Automatic Recognition
Weight	150kg
Dimension (L×W×H)	710×560×770mm
Package dimensions	

Rotors Specification

	Figure	Parameter	Figure	Parameter	
Fixed-Angle Rotor	12×1.5/2.0mL	Max Speed: 20600r/min Max RCF: 29280×g Serial No: : H002-003-038-301	24×1.5/2.0mL	Max Speed: 14000r/min Max RCF: 18220×g Serial No: : H002-003-003-301 Bio-isolated sealed rotor cover	
	12×10mL/5mL	Max Speed: 14000r/min Max RCF: 18810×g Serial No: : H002-003-006-301 Bio-isolated sealed rotor cover	8×15mL (conical bottom)	Max Speed: 12000r/min Max RCF: 14830×g Serial No: : H002-003-013-301 Bio-isolated sealed rotor cover	
	8×15mL (Round bottom)	Max Speed: 12000r/min Max RCF: 14830×g Serial No: : H002-003-037-301 Bio-isolated sealed rotor cover	6×50mL (conical bottom)	Max Speed: 12000r/min Max RCF: 15120×g Serial No: : H002-003-009-301 Bio-isolated sealed rotor cover	
	6×50mL (Round bottom)	Max Speed: 12000r/min Max RCF: 13820×g Serial No: : H002-003-008-301 Bio-isolated sealed rotor cover	8×50mL (conical bottom)	Max Speed: 10000r/min Max RCF: 14880×g Serial No: : H002-003-094-301 Bio-isolated sealed rotor cover	
	8×50mL (Round bottom)	Max Speed: 10000r/min Max RCF: 13800×g Serial No: : H002-003-019-301 Bio-isolated sealed rotor cover	6×100mL	Max Speed: 11000r/min Max RCF: 13310×g Serial No: : H002-003-011-301 Bio-isolated sealed rotor cover	
	6×250mL	Max Speed: 8000r/min Max RCF: 9660×g Serial No: : H002-003-012-301 Bio-isolated sealed rotor cover			
	Swing Rotor	4×250mL (conical bottom)	Max Speed: 4000r/min Max RCF: 2780×g Serial No: : H002-002-085-201 Cup serial No: H002-002-080-202	4×250mL (Flat bottom)	Max Speed: 4000r/min Max RCF: 2780×g Serial No: : H002-002-085-201 Cup serial No: H002-002-085-202 See the Appendix No1 for optional adapters
		4×500mL	Max Speed: 4000r/min Max RCF: 3580×g Serial No: : H011-002-042-201 Cup serial No: H011-002-042-202 See the Appendix No1 for optional adapters	4×750mL	Max Speed: 4000r/min Max RCF: 3520×g Serial No: : H011-002-041-201 Cup serial No: H011-002-041-202 See the Appendix No1 for optional adapters
		Swing micro-plate rotor	2×2×96hole	Max Speed: 4000r/min Max RCF: 2360×g Serial No: : H002-002-053-201 Cup serial No: H002-002-053-221	4×2×96hole

3H Series Intelligent High-Speed Refrigerated Centrifuge

The 3H Series is available with a wide range of angle rotors and horizontal rotors, up to 100 custom programs, and exceptional versatility. It is the classic product of Herexi centrifuges. Applied to bacteria, protein precipitation, nucleic acid extraction, cell component separation, environmental sample processing.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages(Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 100 sets of user-defined programs, can display the speed rise curve, centrifugal integral curve, temperature curve.
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 100mL centrifuge tubes or reagent bottles; can centrifuge various MTP micro-plates, PCR plates, cell plates The diamond shape is beautiful, and more suitable for corner placement, saving lab limited bench space.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	3H24RI	3H20RI	3H16RI	3H12RI
Max Speed	24000r/min	20800r/min	16800r/min	12000r/min
Max RCF	39740×g	29850×g	19470×g	12271×g
Standard rotor	12×1.5/2.0mL titanium alloy	12×1.5/2.0mL	12×1.5/2.0mL	24×1.5/2.0mL
Max Capacity	4×100mL	4×100mL	4×100mL	6×50mL
Speed Adjustment	±50rpm steps (can be customized)			
Cooling System	R404a			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Temp control range	- 20°C ~ +40°C			
Temp adjustment accuracy	±1°C			
Operation program	100set			
Total Power	1.5kW			
Timer Range	1min-99h59min. with continuous run function			
Noise level	≤60dB (A)			
Rotor recognition	Automatic Recognition			
Weight	75kg			
Dimention (L×W×H)	710×630×350mm			
Package dimensions				

Rotors Specification

Figure	3H24RI	3H20RI	3H16RI	3H12RI
 12×1.5/2.0mL	Max Speed: 24000r/min Max RCF: 39740×g Serial No: H001-003-039-301 Titanium alloy rotor	Max Speed: 20800r/min Max RCF: 29850×g Serial No: H001-003-038-301	Max Speed: 16800r/min Max RCF: 19470×g Serial No: H001-003-001-301	Max Speed: 12000r/min Serial No: H001-003-001-301 Max RCF: 9930×g
 48×0.5mL	Max Speed: 13500r/min Max RCF: 15640×g Serial No: H001-003-016-301 Bio-isolated sealed rotor cover	Max Speed: 13000r/min Max RCF: 14503×g Serial No: H001-003-016-301 Bio-isolated sealed rotor cover	Max Speed: 12000r/min Max RCF: 12357×g Serial No: H001-003-016-301 Bio-isolated sealed rotor cover	
 18×1.5mL	Max Speed: 16000r/min Max RCF: 20606×g Serial No: H001-003-002-301	Max Speed: 16000r/min Max RCF: 20606×g Serial No: H001-003-002-301	Max Speed: 14000r/min Max RCF: 15777×g Serial No: H001-003-002-301	

Figure	3H24RI	3H20RI	3H16RI	3H12RI
 24×1.5/2.0mL	Max Speed: 16000r/min Max RCF: 23798×g Serial No: H001-003-003-301 Bio-isolated sealed rotor cover	Max Speed: 14000r/min Max RCF: 18220×g Serial No: H001-003-003-301 Bio-isolated sealed rotor cover	Max Speed: 14000r/min Max RCF: 18220×g Serial No: H001-003-003-301 Bio-isolated sealed rotor cover	Max Speed: 11500r/min Max RCF: 12290×g Serial No: H001-003-003-301 Bio-isolated sealed rotor cover
 30×1.5mL	Max Speed: 12000r/min Max RCF: 15294×g Serial No: H001-003-015-301	Max Speed: 12000r/min Max RCF: 15294×g Serial No: H001-003-015-301	Max Speed: 11000r/min Max RCF: 12851×g Serial No: H001-003-015-301	
 48×1.5mL	Max Speed: 13000r/min Max RCF: 18138×g Serial No: H001-003-070-301	Max Speed: 13000r/min Max RCF: 18138×g Serial No: H001-003-070-301	Max Speed: 13000r/min Max RCF: 18138×g Serial No: H001-003-070-301	
 10×5mL	Max Speed: 20000r/min Max RCF: 27596×g Serial No: H001-003-032-301 Titanium alloy rotor			
 10×5mL		Max Speed: 16000r/min Max RCF: 17660×g Serial No: H001-003-004-301 Bio-isolated sealed rotor	Max Speed: 13000r/min Max RCF: 11660×g Serial No: H001-003-004-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 9930×g Serial No: H001-003-004-301 Bio-isolated sealed rotor
 8×7mL	Max Speed: 14000r/min Max RCF: 12271×g Serial No: H001-003-005-301 Bio-isolated sealed rotor	Max Speed: 14000r/min Max RCF: 12271×g Serial No: H001-003-005-301 Bio-isolated sealed rotor	Max Speed: 14000r/min Max RCF: 12271×g Serial No: H001-003-005-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 12271×g Serial No: H001-003-005-301 Bio-isolated sealed rotor
 12×10mL/5mL	Max Speed: 15000r/min Max RCF: 21595×g Serial No: H001-003-006-301 Bio-isolated sealed rotor	Max Speed: 14000r/min Max RCF: 18810×g Serial No: H001-003-006-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 13820×g Serial No: H001-003-033-301 Bio-isolated sealed rotor	Max Speed: 11000r/min Max RCF: 11612×g Serial No: H001-003-033-301 Bio-isolated sealed rotor
 8×15mL (conical bottom)	Max Speed: 12000r/min Max RCF: 14830×g Serial No: H001-003-013-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 14830×g Serial No: H001-003-013-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 14830×g Serial No: H001-003-013-301 Bio-isolated sealed rotor	
 8×15mL (Round bottom)	Max Speed: 12000r/min Max RCF: 14830×g Serial No: H001-003-037-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 14830×g Serial No: H001-003-037-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 14830×g Serial No: H001-003-037-301 Bio-isolated sealed rotor	

Fixed-Angle Rotor

Figure	3H24RI	3H20RI	3H16RI	3H12RI
 12×10mL (Through-hole)	Max Speed: 6000r/min Max RCF: 3740×g Serial No: H001-003-018-301	Max Speed: 6000r/min Max RCF: 3740×g Serial No: H001-003-018-301	Max Speed: 6000r/min Max RCF: 3740×g Serial No: H001-003-018-301	Max Speed: 6000r/min Max RCF: 3740×g Serial No: H001-003-018-301
 6×50mL (Through-hole)	Max Speed: 6000r/min Max RCF: 3670×g Serial No: H001-003-017-301	Max Speed: 6000r/min Max RCF: 3670×g Serial No: H001-003-017-301	Max Speed: 6000r/min Max RCF: 3670×g Serial No: H001-003-017-301	Max Speed: 6000r/min Max RCF: 3670×g Serial No: H001-003-017-301
 6×50mL (Round bottom)	Max Speed: 12000r/min Max RCF: 13820×g Serial No: H001-003-008-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 13820×g Serial No: H001-003-008-301 Bio-isolated sealed rotor	Max Speed: 11000r/min Max RCF: 11610×g Serial No: H001-003-008-301 Bio-isolated sealed rotor	Max Speed: 10000r/min Max RCF: 9600×g Serial No: H001-003-008-301 Bio-isolated sealed rotor
 6×50mL (conical bottom)	Max Speed: 12000r/min Max RCF: 15120×g Serial No: H001-003-009-301 Bio-isolated sealed rotor	Max Speed: 12000r/min Max RCF: 15120×g Serial No: H001-003-009-301 Bio-isolated sealed rotor	Max Speed: 11000r/min Max RCF: 12700×g Serial No: H001-003-009-301 Bio-isolated sealed rotor	Max Speed: 10000r/min Max RCF: 10500×g Serial No: H001-003-009-301 Bio-isolated sealed rotor
 4×100mL	Max Speed: 11000r/min Max RCF: 12700×g Serial No: H001-003-010-301 Bio-isolated sealed rotor	Max Speed: 10000r/min Max RCF: 10500×g Serial No: H001-003-010-301 Bio-isolated sealed rotor	Max Speed: 9000r/min Max RCF: 8500×g Serial No: H001-003-010-301 Bio-isolated sealed rotor	
 12×10mL	Max Speed: 4000r/min Max RCF: 2360×g Serial No: H001-002-055-201 Cup serial No: H001-002-055-208			
 4×50mL	Max Speed: 4000r/min Max RCF: 2360×g Serial No: H001-002-063-201 Cup serial No: H001-002-063-208 See the Appendix No1 for optional adapters			
 4×100mL	Max Speed: 4000r/min Max RCF: 2490×g Serial No: H001-002-054-201 Cup serial No: H001-002-054-208 See the Appendix No1 for optional adapters			
 2×2×48hole	Max Speed: 3000r/min Max RCF: 1120×g Serial No: H001-002-052-201 Cup serial No: H001-002-052-221			

Fixed-Angle Rotor

Swing Rotor

Swing micro-plate rotor

TGL20MW Bench-top Large Capacity High Speed Refrigerated Centrifuge

With a capacity up to 4 x 300 ml, it also has extraordinary versatility. It is mainly used in the fields of biochemistry, medical and health, food safety, life science, agriculture and forestry science, animal husbandry science, blood bank, biological products, pharmaceutical products and other fields.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function.
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs, can display the speed rise curve, centrifugal integral curve, temperature curve.
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 250mL centrifuge tubes or reagent bottles; can centrifuge various MTP micro-plates, PCR plates, cell plates
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	TGL20MW
Max Capacity	6×250mL
Max Speed	20600r/min
Max RCF	29280×g
Standard rotor	12×1.5/2.0mL
Speed Adjustment	±50 rpm steps (can be customized)
Cooling System	R404a
Temp control range	- 20°C ~ +40°C
Temp adjustment accuracy	±1°C
Operation program	20sets
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	1.8kW
Timer Range	1min-99h59min, with continuous run function
Noise level	≤60dB (A)
Rotor recognition	Automatic Recognition
Weight	110kg
Dimention (L×W×H)	630×760×400mm
Package dimensions	

Rotors Specification

	Figure	Parameter	Figure	Parameter
Fixed-Angle Rotor		Max Speed : 20600r/min Max RCF : 29280×g Serial No : H002-003-038-301		Max Speed : 14000r/min Max RCF : 18220×g Serial No : H002-003-003-301 Bio-isolated sealed rotor
		Max Speed : 14000r/min Max RCF : 18810×g Serial No : H002-003-006-301 Bio-isolated sealed rotor		Max Speed : 12000r/min Max RCF : 14830×g Serial No : H002-003-013-301 Bio-isolated sealed rotor
		Max Speed : 12000r/min Max RCF : 14830×g Serial No : H002-003-037-301 Bio-isolated sealed rotor		Max Speed : 12000r/min Max RCF : 15120×g Serial No : H002-003-009-301 Bio-isolated sealed rotor
		Max Speed : 12000r/min Max RCF : 13820×g Serial No : H002-003-008-301 Bio-isolated sealed rotor		Max Speed : 10000r/min Max RCF : 11400×g Serial No : H002-003-019-301 Bio-isolated sealed rotor

	Figure	Parameter	Figure	Parameter	
Fixed-Angle Rotor	 8×50mL (conical bottom)	Max Speed : 10000r/min Max RCF : 11400×g Serial No : H002-003-094-301 Bio-isolated sealed rotor	 4×100mL	Max Speed : 10000r/min Max RCF : 10500×g Serial No : H002-003-010-301 Bio-isolated sealed rotor	
	 6×100mL	Max Speed : 11000r/min Max RCF : 13310×g Serial No : H002-003-011-301 Bio-isolated sealed rotor	 6×250mL	Max Speed : 8000r/min Max RCF : 9660×g Serial No : H002-003-012-301 Bio-isolated sealed rotor	
Swing Rotor	 48×5mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-121-221	 48×5mL/2mL (Vacuum tube)	Max Speed : 4000r/min Max RCF : 2423×g/2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-058-221	
	 76×5mL/2mL (Vacuum tube)	Max Speed : 4000r/min Max RCF : 3080×g Serial No : H002-002-085-201 Cup serial No : H002-002-061-202	 32×15mL/10mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-050-208	
	 4×50mL	Max Speed : 5000r/min Max RCF : 4620×g Serial No : H008-002-065-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters	 8×50mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-048-208 See the Appendix No1 for optional adapters	
	 4×100mL	Max Speed : 5000r/min Max RCF : 4800×g Serial No : H008-002-065-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters	 4×250mL	Max Speed : 4000r/min Max RCF : 2780×g Serial No : H002-002-085-201 Cup serial No : H002-002-085-202 See the Appendix No1 for optional adapters	
	Swing micro-plate rotor	 2×2×96hole	Max Speed : 4000r/min Max RCF : 2360×g Serial No : H002-002-053-201 Cup serial No : H002-002-053-221		

HR/T16M、HR/T20M Bench-top High Speed Refrigerated Centrifuge



Mainly used in the fields of biochemistry, medical and health, food safety, life sciences, agriculture and forestry science, animal husbandry science, blood bank, blood station, biological products, pharmaceutical products, etc. for bacteria, protein precipitation, nucleic acid extraction, cell component separation, environmental protection.

Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories Can store 20 sets of user-defined programs (Can be customized according to demand), can display the speed rise curve, centrifugal integral curve, temperature curve.
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, can centrifuge various MTP micro-plates, PCR plates, cell plates
- The diamond shape is beautiful, and more suitable for corner placement, saving lab limited bench space.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	HR/T16M	HR/T20M
Max Speed	16000r/min	20000r/min
Max RCF	17660×g	27600×g
Max Capacity	12×10mL	6×50mL
Standard rotor	12×1.5/2.0mL	
Speed Adjustment	±50 rpm steps (can be customized)	
Cooling System	R404a	
Control and drive system	Large torque AC variable frequency motor, microcomputer control	
Temp control range	- 20°C ~ +40°C	
Temp adjustment accuracy	±1°C	
Timer Range	1min-99h59min, with continuous run function	
Noise leve	≤60dB (A)	
Power supply	1.5kW	
Total Power	AC220V 50Hz	
Weight	73kg	
Dimention (L×W×H)	710×630×350mm	
Package dimensions		

Rotors Specification

Figure	HR/T16M	HR/T20M
 12×1.5mL/2.0mL	Max Speed : 16000r/min Max RCF : 17660×g Serial No : H001-003-001-301	Max Speed : 20000r/min Max RCF : 27600×g Serial No : H001-003-038-301
 24×1.5mL/2.0mL	Max Speed : 13500r/min Max RCF : 16950×g Serial No : H001-003-003-301 Bio-isolated sealed rotor	Max Speed : 13500r/min Max RCF : 16950×g Serial No : H001-003-003-301 Bio-isolated sealed rotor
 10×5mL	Max Speed : 13000r/min Max RCF : 11660×g Serial No : H001-003-004-301 Bio-isolated sealed rotor	Max Speed : 16000r/min Max RCF : 17660×g Serial No : H001-003-004-301 Bio-isolated sealed rotor
 12×10mL/5mL	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor
 12×10mL (Through-hole)	Max Speed : 6000r/min Max RCF : 3740×g Serial No : H001-003-018-301	Max Speed : 6000r/min Max RCF : 3740×g Serial No : H001-003-018-301
 6×50mL (conical bottom)		Max Speed : 12000r/min Max RCF : 15120×g Serial No : H001-003-009-301 Bio-isolated sealed rotor
 6×50mL (Round bottom)		Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-008-301 Bio-isolated sealed rotor
 6×50mL (Through-hole)		Max Speed : 6000r/min Max RCF : 3670×g Serial No : H005-003-017-301

Fixed-Angle Rotor

HR/T16MM Microscale High Speed Refrigerated Centrifuge

Can be combined with PCR8 tube, can quickly precipitate and separate DNA, RNA, protein and virus under 18780×g centrifugal force, applied to bacteria, protein precipitation, nucleic acid extraction, cell component separation, environmental sample treatment, clinical test sample Processing and so on.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise, the fastest speed up and down is 25 seconds..
- Wide temperature control range: -20 ° C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs (can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 2.0mL centrifuge tubes, supporting PCR eight-row tube.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	HR/T16MM
Max Capacity	24×1.5mL/2.0mL
Max Speed	16500r/min
Max RCF	18780×g
Standard rotor	24×1.5mL/2.0mL
Speed Adjustment	±50 rpm steps (can be customized)
Cooling System	R404a
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Temp control range	- 20°C ~ 40°C
Temp adjustment accuracy	±1°C
Timer Range	1min-99h59min, with continuous run function
Noise level	≤60dB (A)
Power supply	AV220V 50Hz
Dimention (L×W×H)	680×350×300mm
Package dimensions	

Rotors Specification

	Figure	Parameter	Figure	Parameter
Fixed-Angle Rotor	 12×1.5mL/2.0mL	Max Speed : 16500r/min Max RCF : 18780×g Serial No : H001-003-001-301	 24×1.5mL/2.0mL	Max Speed : 13500r/min Max RCF : 16940×g Serial No : H001-003-003-301 Bio-isolated sealed rotor
	PCR Rotor	 2×8×0.2mL	Max Speed : 15000r/min Max RCF : 11030×g Serial No : H003-003-034-301	 4×8×0.2mL

TG16MW Bench-top High Speed Centrifuge

One of the smallest high-speed centrifuges with a centrifugal force up to 18,780 × g and a capacity up to 12 × 10 ml.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise, the fastest speed up and down is 25 seconds...
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 1.5mL to 10mL centrifuge tubes.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	TG16MW
Max Speed)	16500r/min
Max RCF(×g)	18780×g
Max Capacity	12×10mL
Timer Range	1min-99h59min, with continuous run function
Operation program	20sets
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	350W
Noise level	≤60dB (A)
Power supply	AC220V 50Hz
Weight	17kg
Dimention(L×W×H)	380×260×310mm
Package dimensions	

H/T16MM、H/T18MM、H/T20MM High Speed Centrifuge

It can separate samples at high speed (≥16500r/min) with large capacity up to 50ml.

Can be equipped with 13 different type of optional rotors, and also can be equipped with wide variety of adapters, a multi-purpose machine 6 × 50mL angle rotors are widely used in various fields.



Rotors Specification

	Figure	Parameter	Figure	Parameter
Fixed-Angle Rotor		Max Speed : 16500r/min Max RCF : 18780×g Serial No : H001-003-001-301		Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor
		Max Speed : 14000r/min Max RCF : 13520×g Serial No : H001-003-004-301 Bio-isolated sealed rotor		Max Speed : 14000r/min Max RCF : 12271×g Serial No : H001-003-005-301 Bio-isolated sealed rotor
		Max Speed : 12000r/min Max RCF : 13400×g Serial No : H001-003-033-301 Bio-isolated sealed rotor		

Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 100mL centrifuge tubes.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	H/T16MM	H/T18MM	H/T20MM
Max Speed	16500r/min	18500r/min	20000r/min
Max RCF	18780×g	23610×g	27596×g
Max Capacity	4×100mL		
Speed Adjustment	±50rrpm steps (can be customized)		
Control and drive system	Large torque AC variable frequency motor, microcomputer control		
Timer Range	0-99h59min		
Noise leve	≤60dB		
Power supply	AC220V 50Hz		
Total Power	500W		
Weight	73kg		
Dimendion (L×W×H)	710×630×350mm		
Package dimensions			

Rotors Specification

Figure	H/T16MM	H/T18MM	H/T20MM
 12×1.5mL/2.0mL	Max Speed : 16500r/min Max RCF : 18780×g Serial No : H001-003-001-301	Max Speed : 18500r/min Max RCF : 23610×g Serial No : H001-003-038-301	Max Speed : 20000r/min Max RCF : 27596×g Serial No : H001-003-038-301
 18×1.5mL/2.0mL	Max Speed : 15000r/min Max RCF : 18111×g Serial No : H001-003-002-301	Max Speed : 15000r/min Max RCF : 18111×g Serial No : H001-003-002-301	Max Speed : 15000r/min Max RCF : 18111×g Serial No : H001-003-002-301
 24×1.5mL/2.0mL	Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor	Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor	Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor
 10×5mL	Max Speed : 13500r/min Max RCF : 12570×g Serial No : H001-003-004-301 Bio-isolated sealed rotor	Max Speed : 14000r/min Max RCF : 13520×g Serial No : H001-003-004-301 Bio-isolated sealed rotor	Max Speed : 14000r/min Max RCF : 13520×g Serial No : H001-003-004-301 Bio-isolated sealed rotor
 12×10mL/5mL	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor

Figure	H/T16MM	H/T18MM	H/T20MM
 8×15mL (conical bottom)	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-013-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-013-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-013-301 Bio-isolated sealed rotor
 8×15mL (Round bottom)	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-037-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-037-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-037-301 Bio-isolated sealed rotor
 6×50mL (conical bottom)	Max Speed : 11000r/min Max RCF : 12700×g Serial No : H001-003-009-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 12700×g Serial No : H001-003-009-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 12700×g Serial No : H001-003-009-301 Bio-isolated sealed rotor
 6×50mL (Round bottom)	Max Speed : 11000r/min Max RCF : 11610×g Serial No : H001-003-008-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 11610×g Serial No : H001-003-008-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 11610×g Serial No : H001-003-008-301 Bio-isolated sealed rotor
 6×50mL (Through-hole)	Max Speed : 6000r/min Max RCF : 3670×g Serial No : H001-003-017-301	Max Speed : 6000r/min Max RCF : 3670×g Serial No : H001-003-017-301	Max Speed : 6000r/min Max RCF : 3670×g Serial No : H001-003-017-301
 12×10mL	Max Speed : 4000r/min Max RCF : 2360×g Serial No : H001-002-055-201 Cup serial No : H001-002-055-208		
 4×100mL	Max Speed : 4000r/min Max RCF : 2490×g Serial No : H001-002-054-201 Cup serial No : H001-002-054-208		
 2×2×48hole	Max Speed : 3000r/min Max RCF : 1120×g Serial No : H001-002-052-201 Cup serial No : H001-002-052-221		

DD5、TDL5M、TDL6M、TDL8M Bench-top Low Speed Large Capacity Centrifuge

It is widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood bank, clinical trials, etc.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, can centrifuge various MTP micro-plates, PCR plates, cell plates
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	DD5	TDL5M	TDL6M	TDL8M
Max Speed	5000 r/min	5500r/min	6500r/min	8000r/min
Max RCF	4800×g	4800×g	4800×g	6142×g
Max Capacity	4×500mL	4×300mL	4×300mL	4×300mL
Cooling System		R404a	R404a	R404a
Temp control range	None	- 20°C ~ +40°C	- 20°C ~ +40°C	- 20°C ~ +40°C
Temp adjustment accuracy		±1°C	±1°C	±1°C
Speed Adjustment	±50 rpm steps (can be customized)			
Operation program	20set			
Total Power	1.8kW			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Timer Range	1min-99h59min, with continuous run function			
Noise level	≤60dB (A)			
Weight	65kg	110kg	110kg	110kg
Dimention (L×W×H)	630×500×420mm	630×760×400mm	630×760×400mm	630×760×400mm
Package dimensions				

Rotors Specification

	Figure	DD5	TDL5M
Fixed-Angle Rotor		Max Speed : 5000r/min Max RCF : 2600×g Serial No : H008-003-018-301	Max Speed : 5500r/min Max RCF : 3140×g Serial No : H008-003-018-301
		Max Speed : 6500r/min Max RCF : 4055×g Serial No : H002-003-006-301 Bio-isolated sealed rotor cover	Max Speed : 8000r/min Max RCF : 6142×g Serial No : H002-003-006-301 Bio-isolated sealed rotor cover
Swing Rotor		Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-121-221	
		Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-058-221	
		Max Speed : 4000r/min Max RCF : 3080×g Serial No : H002-002-085-201 Cup serial No : H002-002-061-202	
		Max Speed : 4000r/min Max RCF : 3420×g Serial No : H016-002-112-201 Cup serial No : H007-002-062-202	
		Max Speed : 5000r/min Max RCF : 4620×g Serial No : H008-002-065-201 Cup serial No : H006-002-023-208	

TD6、TDZ6-WS Bench-top Low Speed Centrifuge

One of the best-selling models of Herexi Instruments. It is equipped with a variety of tube racks and adapters. It is widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood bank, clinical trials, etc.



Figure	DD5	TDL5M	TDL6M	TDL8M
 32×15mL/10mL		Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-050-208		
 4×50mL			Max Speed : 5000r/min Max RCF : 4600×g Serial No : H008-002-065-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters	
 8×50mL		Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-048-208 See the Appendix No1 for optional adapters		
Swing Rotor	 4×100mL	Max Speed : 5000r/min Max RCF : 4800×g Serial No : H008-002-065-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters	Max Speed : 5000r/min Max RCF : 4800×g Serial No : H008-002-065-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters	
	 4×250mL (flat)		Max Speed : 4000r/min Max RCF : 2780×g Serial No : H002-002-085-201 Cup serial No : H002-002-085-202 See the Appendix No1 for optional adapters	
	 4×250mL (Sharp)	Max Speed : 4000r/min Max RCF : 2780×g Serial No : H002-002-085-201 Cup serial No : H002-002-080-202		
	 4×500mL	Max Speed : 4000r/min Max RCF : 3580×g Serial No : H011-002-042-201 Cup serial No : H011-002-042-202 See the Appendix No1 for optional adapters,		
	 2×2×96hole		Max Speed : 4000r/min Max RCF : 2360×g Serial No : H002-002-053-201 Cup serial No : H002-002-053-221	
Swing micro-plate rotor	 4×2×96hole	Max Speed : 4000r/min Max RCF : 3580×g Serial No : H011-002-051-201 Cup serial No : H011-002-051-221		

Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- With mechatronic motor door lock.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 250mL centrifuge tubes or reagent bottles(TDZ6-WS only supports 100mL maximum) ; can centrifuge various MTP micro-plates, PCR plates, cell plates
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	TD6	TDZ6-WS
Max Capacity	4×250mL	4×100mL
Max Speed	6000r/min	
Max RCF	4800×g	
Timer Range	1min-99h59min, with continuous run function	
Control and drive system	Large torque AC variable frequency motor, microcomputer control	
Total Power	500W	
Noise level	≤60dB (A)	
Power supply	AC220V 50Hz	
Weight	35kg	
Dimention (L×W×H)	600×540×360mm	
Package dimensions		

Rotors Specification

	Figure	TD6	TDZ6-WS
Fixed-Angle Rotor	 12×15mL/10mL	Max Speed : 6000r/min Max RCF : 3740×g Serial No : H008-003-018-301	
	 48×5mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-121-221	
Swing Rotor	 48×5mL/2mL (Vacuum tube)	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-058-221	
	 76×5mL/2mL (Vacuum tube)	Max Speed : 4000r/min Max RCF : 3080×g Serial No : H002-002-085-201 Cup serial No : H002-002-061-202	

Figure	TD6	TDZ6-WS	
 16×15mL/10mL	Max Speed : 5000r/min Max RCF : 4620×g Serial No : H008-002-065-201 Cup serial No : H009-002-044-208		
 24×15mL/10mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H006-002-023-208		
 32×15mL/10mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-050-208		
Swing Rotor	 4×50mL	Max Speed : 5000r/min Max RCF : 4600×g Serial No : H008-002-065-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters	
	 8×50mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-048-208 See the Appendix No1 for optional adapters	
	 4×100mL	Max Speed : 5000r/min Max RCF : 4800×g Serial No : H008-002-065-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters	
	 4×250mL (Flat bottom)	Max Speed : 4000r/min Max RCF : 2780×g Serial No : H002-002-085-201 Cup serial No : H002-002-085-202 See the Appendix No1 for optional adapters	
	 2×2×96hole	Max Speed : 4000r/min Max RCF : 2360×g Serial No : H002-002-053-201 Cup serial No : H002-002-053-221	

TD5A, TD5, TDZ5, TDZ5-WS Bench-top Low Speed Centrifuge

Herexi's classic best-selling model, with a variety of tube racks and adapters, used for clinical testing and laboratory analysis.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, special damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- With mechatronic motor door lock.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, can centrifuge various MTP micro-plates, PCR plates, cell plates.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	TD5A	TD5	TDZ5	TDZ5-WS
Max Speed	5500r/min	5000r/min	5000r/min	5000r/min
Max RCF	4800×g	4800×g	4800×g	4514×g
Max Capacity	4×250mL	4×250mL	4×100mL	4×100mL
Timer Range	1min-99h59min, with continuous run function			
Speed Adjustment	±50 rpm steps (can be customized)			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Noise level	≤60dB (A)			
Power supply	AC220V 50Hz			
Total Power	500W	500W	450W	350W
Weight	35kg	35kg	35kg	25kg
Dimention (L×W×H)	600×540×360mm	600×540×360mm	600×540×360mm	500×400×300mm
Package dimensions				

Rotors Specification

	Figure	TD5A	TD5	TDZ5	TDZ5-WS
Fixed-Angle Rotor	12×15mL/10mL	Max Speed : 5500r/min Max RCF : 3382×g Serial No : H008-003-018-301			Max Speed : 5000r/min Max RCF : 3120×g Serial No : H008-003-018-301
	12×20mL/15mL				Max Speed : 4000r/min Max RCF : 2600×g Serial No : H009-003-021-301
Swing Rotor	48×5mL			Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-121-221	
	48×5mL/2mL (Vacuum tube)			Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-058-221	
	76×5mL/2mL (Vacuum tube)			Max Speed : 4000r/min Max RCF : 3080×g Serial No : H002-002-085-201 Cup serial No : H002-002-061-202	

TD4、TDZ4、TDZ4-WS Bench-top Low Speed Centrifuge

It is a standard equipment for separation and preparation of suspended liquids, basic instrument for various laboratories, hospitals and universities.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, special damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- With mechatronic motor door lock.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, can centrifuge various MTP micro-plates, PCR plates, cell plates
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

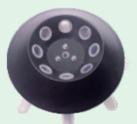
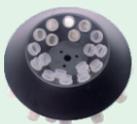
Model	TD4	TDZ4	TDZ4-WS
Max RCF	2200×g	2600×g	2490×g
Max Capacity	8×20mL	24×10mL	4×100mL
Max Speed	100-4000r/min (±50 rpm steps) can be customized		
Timer Range	1min-99h59min, with continuous run function		
Control and drive system	Large torque AC variable frequency motor, microcomputer control		
Total Power	120W		
Noise level	≤60dB (A)		
Power supply	AC220V 50Hz		
Weight	18kg	18kg	20kg
Dimension	38x26x31cm	500x450x280mm	490x610x360mm
Package dimension			

Figure	TD5A	TD5	TDZ5	TDZ5-WS
 16×15mL/10mL				Max Speed : 4000r/min Max RCF : 2764×g Serial No : H009-002-066-201 Cup serial No : H009-002-044-208
 24×15mL/10mL	Max Speed : 5000r/min Max RCF : 4620×g Serial No : H008-002-065-201 挂杯货号 : H006-002-023-208	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 挂杯货号 : H006-002-023-208	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H009-002-066-201 Cup serial No : H006-002-023-208	
 32×15mL/10mL		Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-050-208		
Swing Rotor 4×50mL	Max Speed : 5000r/min Max RCF : 4600×g Serial No : H008-002-065-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters		Max Speed : 5000r/min Max RCF : 4318×g Serial No : H009-002-066-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters	
	 8×50mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-048-208 See the Appendix No1 for optional adapters		
	 4×100mL	Max Speed : 5000r/min Max RCF : 4800×g Serial No : H008-002-065-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters		Max Speed : 5000r/min Max RCF : 4514×g Serial No : H009-002-066-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters
 4×250mL	Max Speed : 4000r/min Max RCF : 2780×g Serial No : H002-002-085-201 Cup serial No : H002-002-085-202 See the Appendix No1 for optional adapters			
Swingmicro-plate rotor 2×2×96hole		Max Speed : 4000r/min Max RCF : 2360×g Serial No : H002-002-053-201 Cup serial No : H002-002-053-221		

Automatic uncovering centrifuge

The automatic uncovering centrifuge is a conventional laboratory centrifugal machine that automatically removes the cover of the vacuum blood collection tube during centrifugation. Designed for hospitals, blood bank, nuclear medicine and other units Available with four different capacity (48, 76, 128, 148 tubes)to meet different separation needs; the device available in two models (normal temperature and refrigerated) to meet the experiments needs.

Rotors Specification

	Figure	TD4	
Fixed-Angle Rotor		Max Speed : 4000r/min Max RCF : 2200×g Serial No : H010-003-028-301	
	8×20mL		
Fixed-Angle Rotor		Max Speed : 4000r/min Max RCF : 2040×g Serial No : H010-003-022-301	
	18×10mL		Max Speed : 4000r/min Max RCF : 2600×g Serial No : H010-003-049-301
		Max Speed : 4000r/min Max RCF : 2600×g Serial No : H010-003-021-301	
12×20mL/15mL			
Swing Rotor	Figure	TDZ4-WS	
		Max Speed : 4000r/min Max RCF : 2360×g Serial No : H001-002-055-201 Cup serial No : H001-002-055-208	
12×15mL/10mL		Max Speed : 4000r/min Max RCF : 2360×g Serial No : H001-002-063-201 Cup serial No : H001-002-063-208	
			4×50mL
	Max Speed : 4000r/min Max RCF : 2490×g Serial No : H001-002-054-201 Cup serial No : H001-002-054-208 See the Appendix No1 for optional adapters		
4×100mL			



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- Wide temperature control range: -20 ° C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree,with standby cooling function, heating and defrosting function.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, special damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- With mechatronic motor door lock.
- Can store 20 sets of user-defined programs (Can be customized according to demand),can display the speed rise curve, centrifugal integral curve, temperature curve.
- With CFDA filing and CFDA production qualification, ISO 9001 and ISO 13485 certification.

Specification

Model	TD5	Dd5	DD5M	TL5R
Number of blood tubes	48tubes	48/76tubes	124/148tubes	124/148tubes
Max Speed	4000r/min	4000r/min	4000r/min	4000r/min
Max RCF	2960×g	3080×g	3420×g	3420×g
Cooling System				R404a
Temp control range	None			- 20°C~ +40°C
Temp adjustment accuracy				±1°C
Total Power	0.5kW	0.8kW	1.0kW	2.0kW
Weight	35kg	50kg	75kg	150kg
Noise level	≤60dB (A)	≤60dB (A)	≤65dB (A)	≤65dB (A)
Speed Adjustment	±50 rpm steps (can be customized)			
Operation program	20set			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Timer Range	1min-99h59min, with continuous run function.			
Dimention (L×W×H)	600×540×360mm	630×500×420mm	710×560×770mm	710×560×770mm
Package dimensions				

Rotors Specification

Figure	Parameter	Figure	Parameter
 48×5mL/2mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H016-002-081-221	 76×5mL/2mL	Max Speed : 4000r/min Max RCF : 3080×g Serial No : H002-002-085-201 Cup serial No : H016-002-117-202
 124×5mL/2mL	Max Speed : 4000r/min Max RCF : 3420×g Serial No : H016-002-068-201 Cup serial No : H016-002-068-221	 148×5mL	Max Speed : 4000r/min Max RCF : 3420×g Serial No : H016-002-112-201 Cup serial No : H016-002-112-202

Blood centrifuge

The blood centrifuge is developed by our company for blood type serology and test. Available with different rotor (Gel-Card rotor, SERO rotor,HLA rotor) SERO rotor is used for red blood cell cleaning, the HLA rotor is used for lymphocyte cleaning, and the Gel-Card rotor is used for blood serology.

Specification

Model	H/T12MM Blood centrifuge
Max Speed	4000r/min
Max RCF	2200×g
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Timer Range	1min-99h59min , with continuous run function
Noise level	≤60dB (A)
Power supply	120W
Total Power	AC220V 50Hz
Weight	20kg
Dimention (L×W×H)	550×440×330mm
Package dimensions	

We can customize a variety of functional blood centrifuges, according to the user's requirements..

Rotors Specification

Figure	Parameter
 Red blood cell cleaning SERO rotor	Max Speed : 4000r/min Max RCF : 1842×g Serial No : H010-002-075-201 Main application: Blood type determination, hemagglutination reflects the observation of cross-fitness experiment, blood cell cleaning, serum and plasma extraction
 HLA rotor for lymphocyte cleaning	Max Speed : 4200r/min Max RCF : 2200×g Serial No : H010-002-114-201 Main application: Lymphocyte separation, cell separation(thrombin treatment) lymphocyte cleaning.
 Gel-Card rotor	Max Speed : 4000r/min Max RCF : 1824×g Serial No : H010-002-078-201 12 or 24 Card

Gerber Centrifuge

Dairy centrifuge is the special equipment for milk and dairy standard for analytical methods .Applicable to pasteurization, cover Bolaw to separate fat milk and dairy products ,measurement and analysis . Having the function of heating thermostat , and the temperature was maintained at 50 °C or more, which not only can reduce the time of the sample water bath ,as well as the test results more reliable .Mainly applicable in dairy enterprises for testing ,is commonly used in dairy inspection.

Specification

Model	TLW5R	TLW5
Rotor type	Angle rotor	
Number of tubes	8 tubes	
Max Speed	1500r/min	
Max RCF	420×g	
Speed Adjustment	±50rrpm steps (can be customized)	
Timer Range	1min-99h59min, with continuous run function	
Control and drive system	Large torque AC variable frequency motor, microcomputer control	
Temp control range	Room temp ~ +65°C	None
Total Power	1.5kW	400W
Noise level	≤60dB (A)	
Power supply	AC220V 50Hz	
Weight	35kg	
Dimention (L×W×H)	520×415×330mm	
Serial No	H019-003-100-301	
Package dimensions		

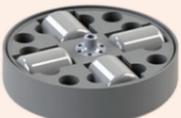


PF Soil Centrifuge

It is widely used in the fields of soil moisture dynamic simulation, meteorology, climatology, soil geography, hydrology, agricultural science and technology. The detection of soil pF curve is determined by the relationship among soil suction, bulk density and water content, thus obtaining high precision soil moisture characteristic curve pF, Soil water characteristic curve is usually measured by pressure membrane and centrifuge. Compared with other methods, the centrifuge method is more simple and faster than the other methods, and can measure a wide range of suction.



Rotors Specification

Figure	Parameter
	Rotor capacity : 4×100mL Max Speed : 10000r/min Max RCF : 14530×g vessel size : φ50×51mm Serial No : H012-003-072-301
Soil dehydration roto	

Specification

Model	HR21M PF Soil Centrifuge
Max Capacity	4×100mL
Max RCF	14530×g
Max Speed (r/min)	10000r/min
Measuring range	pF value 2.0-4.2 (0.1bar-15bar)
Measuring sample	4
Speed Adjustment	±50 rpm steps (can be customized)
Operation program	16
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Cooling System	R404a
Temp control range	-20°C ~ +40°C
Temp adjustment accuracy	±1°C
Timer Range	1min-99h59min, with continuous run function
Total Power	4.0kW
Power supply	AC220V/50Hz/30A
Noise level	<65dB (A)
Weight	240kg
Dimention (L×W×H)	820×710×950mm
Package dimensions	

Capillary centrifuge

Blood capillary centrifuge is used to measure the specific volume of blood cells and to separate micro-blood and micro-solution.



Specification

Model	H/T12MM Capillary centrifuge
Max Speed	12000r/min
Max RCF	13960×g
Speed Adjustment	±50 rpm steps (can be customized)
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Timer Range	1min-99h59min , with continuous run function
Noise level	≤60dB (A)
Power supply	400W
Total Power	AC220V 50Hz
Weight	35kg
Dimention (L×W×H)	710×630×350mm
Package dimensions	

Rotors Specification

Figure	Parameter
	Max Speed : 12000r/min Max RCF : 13960×g 24 tubes Serial No : H018-003-074-301
Capillary rotor	

We can customize a variety of functional blood centrifuges, according to the user's requirements,

Cell smear centrifuge

Cell Smear Centrifuge is used to take erythrocyte-serum test, identify antigens and antibodies, and give other relative tests in immune hematology examination and research laboratories. also it can be used for cell purification by washing. This centrifuge machine is widely applicable for urology, cytology, microbiology, hematology, immunohistochemistry, clinical examination and so on.



Specification

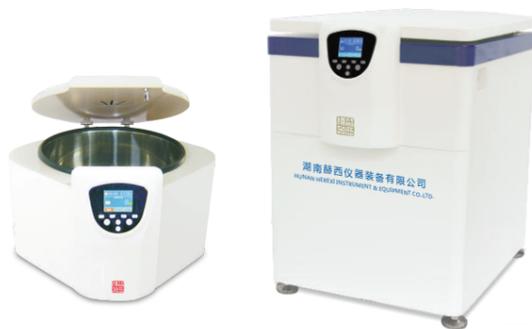
Model	TDZ4 Cell smear centrifuge
Max Speed	4000r/min
Capacity	12Cards
Max RCF	1824×g
Speed Adjustment	±50 rpm steps (can be customized)
Timer Range	1min-99h59min , with continuous run function
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Power supply	AC220V 50Hz
Total Power	120w
Weight	20Kg
Dimention (LxWxH)	500×450×280mm
Package dimensions	

Rotors Specification

Figure	Parameter
	Max Speed : 4000r/min Max RCF : 1824×g Serial No : H010-003-077-301
12 cards	

Petroleum Centrifuge

Designed according to the Calculation Method for Determination of Water and Sediment in Crude Oil, the determination of water and sediment in crude oil by centrifuge separation method is an ideal separation device for water measurement in oil extraction industry and scientific research units.



Specification

Model	TD5T	LT6Y
Max RCF	1665×g	2294×g
Max Speed	3000r/min	
Speed Adjustment	±50 rpm steps (can be customized)	
Motor	Large torque AC variable frequency motor, microcomputer control	
Temp control range	Room temp ~ +70°C	
Temp adjustment accuracy	±2°C	
Timer Range	1min-99h59min, with continuous run function	
Power supply	AC220V 50Hz	
Noise level	≤60dB (A)	≤65dB (A)
Weight	50kg	70kg
Dimention (LxWxH)	600×540×360mm	600×490×760mm
Package dimensions		

Rotors Specification

Figure	TD5T	LT6Y
 24×10mL	Max Speed : 3000r/min Max RCF : 1665×g Serial No : H008-002-065-201 Cup serial No : H006-002-023-208	
 16×25mL		Max Speed : 3000r/min Max RCF : 2200×g Serial No : H021-002-119-201 Cup serial No : H021-002-119-221
 4×50mL		Max Speed : 3000r/min Max RCF : 2113×g Serial No : H002-002-085-201 Cup serial No : H021-002-056-202
 4×100mL		Max Speed : 3000r/min Max RCF : 2294×g Serial No : H021-002-064-201 Cup serial No : H021-002-064-202

Food Safety Centrifuge

Specification

Model	H/T85MM
Max Speed	8500r/min
Max Capacity	6×50mL
Max RCF	7500×g
Speed Adjustment	±50rrpm steps(can be customized)
Timer Range	1min-99h59min, with continuous run function
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	400W
Power supply	AC220V 50Hz
Weight	35kg
Dimention (LxWxH)	710×630×350mm
Package dimensions	

can customize according to the user's requirements.



Rotors Specification

Figure	Parameter
 6×50mL	Max Speed : 8500r/min Max RCF : 7500×g Serial No : H001-003-008-301 Bio-isolated sealed rotor cover

Blood Collection Car Refrigerating Centrifuge

It is applied to all kinds of blood collection vehicles, with 12×15 10mL, 24×15 /10mL special rotor (suitable for vacuum blood collection tube and nucleic acid centrifuge tube, etc.). Robust suction cup The foot design eliminates the hidden danger of the machine movement caused by the driving process.

Specification

Model	LR5M
Max RCF	4514×g
Max Speed	5000r/min
Max Capacity	24×15mL
Timer Range	1min-99h59min, with continuous run function
Cooling System	R404a
Temp control range	- 20°C~+40°C
Temp control range	±1°C
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Noise level	≤60dB (A)
Power supply	AC220V 50Hz
Total Power	350W

We can customize a variety of functional blood centrifuges, according to the user's requirements.

Rotors Specification

Figure	Parameter
 12×15mL/10mL	Max Speed : 5500r/min Max RCF : 3140×g Serial No : H008-003-018-301
 24×15mL/10mL	Max Speed : 4000r/min Max RCF : 2764×g Serial No : H009-002-066-201 Cup serial No : H006-002-023-208

PRP Centrifuge

Used in plastic surgery, dermatology and other fields. It can be used for PRP injection transplantation. It uses 10mL, 20mL, 50mL conventional syringes, specially designed for cosmetologists and plastic surgeons in hospitals, beauty salons, health centers.

Specification

Model	TD5A Beauty Centrifuge
Max Speed	4000r/min
Max RCF	2100×g
Max Capacity	4×50mL
Speed Adjustment	±50rrpm steps (can be customized)
Timer Range	1min-99h59min, with continuous run function
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	500W
Power supply	AC220V 50Hz
Noise level	≤60dB (A)
Weight	35kg
Dimention (LxWxH)	600×540×360mm
Package dimensions	



Special rotors and adapters can be customized according to user requirements.

Low Speed Urine Sediment Centrifuge

Low-speed multi-pipe rack urine sediment centrifuge is mainly used as urine sediment analysis instrument, widely used in clinical medicine, biochemistry, immunology and other fields

Specification

Model	TDZ5 Urine Sediment Centrifuge
Max Speed	4000r/min
Max Capacity	32×15mL
Max RCF	2960×g
Speed Adjustment	±50rrpm steps (can be customized)
Timer Range	1min-99h59min, with continuous run function
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	450W
Power supply	AC220V 50Hz
Weight	35kg
Dimention (LxWxH)	600×540×360mm

Can customize all kinds of special rotors and adapters according to user's requirements.

Rotors Specification

Figure	Parameter
<p>32×15mL</p>	<p>Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-050-208</p>

ES5000 Intelligent Electronic Balance

After blood collection, blood bags can not be completely the same amount, ES5000 intelligent balancing comes to support the use of centrifuge, accurate and efficient configuration, to ensure the quality of blood separation and to improve the life of the centrifuge.



Main Features

- Large capacity of the tray, easy for set the sample
- Easy to operate and reading, microcomputer control (ES5000-6S upgrade to PC control), high measurement accuracy.
- One machine with two functions, not only can measure also can be weighed
- Dual screen display makes readings easier and more convenient. (only for ES5000-6S models)
- Selection of silicone rubber, non-toxic and tasteless including: 2×3g, 2×4g, 1×5g, 1×10g, 1×20g.

Specification

Model	ES5000-2	ES5000-4	ES5000-6	ES5000-6S
Single weight fo tray	5000g	5000g	5000g	5000g
Number of tray	2	4	6	6
Readable resolution	1g	1g	1g	1g
Repeatable	1g	1g	1g	1g
Linear	1g	1g	1g	1g
Ambient temp	10-35°C	10-35°C	10-35°C	10-35°C
Sensitivity	0.05	0.05	0.05	0.05
Stable time	1.5second	1.5second	1.5second	1.5second
Single tray dimension	175×175mm	175×175mm	175×175mm	175×175mm
Power supply	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V50Hz
Dimention	365×440×110mm	550×400×110mm	735×400×110mm	735×400×110mm

RH2010SF-I Rapid Moisture Meter

Mainly used in paper-making, brewing, tobacco, grain, rubber and other rapid moisture and moisture determination.



Main Features

- Fast and intelligent method for determining the moisture content of the samples. It takes only 2-3 seconds to digitize the specific substance content.
- The instrument uses different molecules of water in the specific substance to measure the different reactions of microwaves at different temperatures, and uses a computer to perform quick correction calculations to obtain correct measurement results.
- With an automatic feeder assembled with meter. The automatic feeder can put the tested material into measurement tube equally. It can reduce the indeterminacy error by manual operation.
- The figure can be display directly with advanced software digital technique .
- After finishing test, it can recycle the material automatically, and avoid the wastage maximumly.

Specification

Model	RH2010SF-I
Range	0-100%
Valid test composition	0-100%
Display resolutin	0.01% or 0.1%
measurement accuracy	±1%
Data dispaly	TFT-LCDdispaly
Measureable Materials	Rubber ,Latex, milk, juice, paint, daily, grain moisture
Special software can be programmed according to the requirements of the user's tested materials	

Appendix No1: Rotor Adapters (Can be customized according to customer needs)

	10mLAdapter serial No : H021-002-119-068 Applicable rotor : 16×25mL (swing rotor)		2mLAdapter serial No : H008-002-058-005 Applicable rotor : 48×5mL (Vacuum tube)		5mLAdapter serial No : H008-002-044-069
	1.5/2.0mLAdapter serial No : H008-002-044-004 Applicable rotor : 10mLStainless steel bucket		2mL adapter serial No : H008-002-044-005 Applicable rotor : 10mLStainless steel bucket		2mLAdapter serial No : H008-002-044-070 Applicable rotor : 10mLStainless steel bucket
	2mLAdapter serial No : H008-002-044-071 Applicable rotor : 10mLStainless steel bucket		5mL adapter serial No : H008-002-044-007 Applicable rotor : 10mLStainless steel bucket		5mLAdapter serial No : H008-002-044-006 Applicable rotor : 10mLStainless steel bucket
	5mLAdapter serial No : H008-002-044-039 Applicable rotor : 10mLStainless steel bucket		10mLAdapter serial No : H008-002-044-038 Applicable rotor : 10mLStainless steel bucket		7mLAdapter serial No : H008-002-044-008 Applicable rotor : 10mLStainless steel bucket
	1.5/2.0mLAdapter serial No : H008-002-122-004 Applicable rotor : 15mLStainless steel bucket		5mLAdapter serial No : H008-002-122-006 Applicable rotor : 15mLStainless steel bucket		10mLAdapter serial No : H008-002-122-010 Applicable rotor : 15mLStainless steel bucket
	10mLAdapter serial No : H008-002-122-038 Applicable rotor : 15mLStainless steel bucket		1.5/2.0mLAdapter serial No : H008-002-048-004 Applicable rotor : 50mLStainless steel bucket		3hole1.5mLAdapter serial No : H008-002-048-072 Applicable rotor : 50mLStainless steel bucket
	5mLAdapter serial No : H008-002-048-006 Applicable rotor : 50mLStainless steel bucket		10mLAdapter serial No : H008-002-048-010 Applicable rotor : 50mLStainless steel bucket		15mLAdapter serial No : H008-002-048-015 Applicable rotor : 50mLStainless steel bucket

Appendix No1: Rotor Adapters (Can be customized according to customer needs)

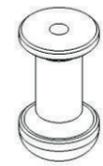
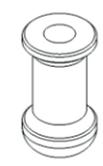
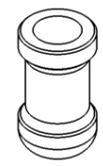
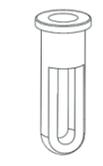
	20mL adapter serial No : H008-002-048-017 Applicable rotor : 50mL Stainless steel bucket		30mL adapter serial No : H008-002-048-073 Applicable rotor : 50mL Stainless steel bucket		50mL adapter serial No : H008-002-048-021 Applicable rotor : 50mL Stainless steel bucket
	8hole 0.5mL adapter serial No : H008-002-064-074 Applicable rotor : 100mL Stainless steel bucket		3hole 1.5mL adapter serial No : H008-002-064-072 Applicable rotor : 100mL Stainless steel bucket		4hole 5mL adapter serial No : H008-002-064-075 Applicable rotor : 100mL Stainless steel bucket
	50mL adapter serial No : H008-002-064-076 Applicable rotor : 100mL Stainless steel bucket		50mL adapter serial No : H008-002-064-037 Applicable rotor : 100mL Stainless steel bucket		φ31×126 adapter serial No : H008-002-064-054 Applicable rotor : 100mL Stainless steel bucket
	2hole 50mL adapter serial No : H008-002-085-025 Applicable rotor : 4×250mL (swing rotor)		6hole 15mL adapter serial No : H008-002-085-027 Applicable rotor : 4×250mL (swing rotor)		7hole 10mL adapter serial No : H008-002-085-028 Applicable rotor : 4×250mL (swing rotor)
	8hole 2mL adapter serial No : H008-002-085-029 Applicable rotor : 4×250mL (swing rotor)		8hole 5mL adapter serial No : H008-002-085-030 Applicable rotor : 4×250mL (swing rotor)		8hole 10mL adapter serial No : H008-002-085-031 Applicable rotor : 4×250mL (swing rotor)
	9hole 5mL adapter serial No : H008-002-085-032 Applicable rotor : 4×250mL (swing rotor)		10hole 2mL adapter serial No : H008-002-085-033 Applicable rotor : 4×250mL (swing rotor)		10hole 2mL adapter serial No : H008-002-085-034 Applicable rotor : 4×250mL (swing rotor)
	10hole 5mL adapter serial No : H008-002-085-035 Applicable rotor : 4×250mL (swing rotor)		12hole 1.5/2mL adapter serial No : H008-002-085-036 Applicable rotor : 4×250mL (swing rotor)		10mL adapter serial No : H008-002-085-038 Applicable rotor : 4×250mL (swing rotor)

	50mL adapter serial No : H008-002-085-018 Applicable rotor : 4×250mL (swing rotor)		50mL adapter serial No : H008-002-085-021 Applicable rotor : 4×250mL (swing rotor)		100mL adapter serial No : H008-002-085-022 Applicable rotor : 4×250mL (swing rotor)
	250mL adapter serial No : H007-002-042-024 Applicable rotor : 4×500mL (swing rotor)		100mL adapter serial No : H007-002-042-022 Applicable rotor : 4×500mL (swing rotor)		2hole 50mL adapter serial No : H007-002-042-025 Applicable rotor : 4×500mL (swing rotor)
	3hole 50mL adapter serial No : H007-002-042-041 Applicable rotor : 4×500mL (swing rotor)		3hole 50mL adapter serial No : H007-002-042-079 Applicable rotor : 4×500mL (swing rotor)		4hole 50mL adapter serial No : H007-002-042-048 Applicable rotor : 4×500mL (swing rotor)
	8hole 15mL adapter serial No : H007-002-042-042 Applicable rotor : 4×500mL (swing rotor)		8hole 15mL adapter serial No : H007-002-042-080 Applicable rotor : 4×500mL (swing rotor)		12hole 10mL adapter serial No : H007-002-042-043 Applicable rotor : 4×500mL (swing rotor)
	18hole 5mL adapter serial No : H007-002-042-044 Applicable rotor : 4×500mL (swing rotor)		100mL adapter serial No : H011-002-041-022 Applicable rotor : 4×750mL (swing rotor)		250mL adapter serial No : H011-002-041-024 Applicable rotor : 4×750mL (swing rotor)
	300mL adapter serial No : H011-002-041-045 Applicable rotor : 4×750mL (swing rotor)		500mL adapter serial No : H011-002-041-040 Applicable rotor : 4×750mL (swing rotor)		2hole 100mL adapter serial No : H011-002-041-046 Applicable rotor : 4×750mL (swing rotor)
	3hole 50mL adapter serial No : H011-002-041-041 Applicable rotor : 4×750mL (swing rotor)		3hole 100mL adapter serial No : H011-002-041-047 Applicable rotor : 4×750mL (swing rotor)		4hole 50mL adapter serial No : H011-002-041-048 Applicable rotor : 4×750mL (swing rotor)

Appendix No1: Rotor Adapters (Can be customized according to customer needs)

	5hole50mL adapter serial No : H011-002-041-049 Applicable rotor : 4×750mL (swing rotor)		7hole50mL adapter serial No : H011-002-041-081 Applicable rotor : 4×750mL (swing rotor)		27hole5/7mL adapter serial No : H011-002-041-055 Applicable rotor : 4×750mL (swing rotor)		1.5/2.0mL adapter serial No : H001-003-006-004 Applicable rotor : 12×10mL (Angle Rotor)		2mL adapter serial No : H001-003-006-064 Applicable rotor : 12×10mL (Angle Rotor)		5mL adapter serial No : H001-003-006-006 Applicable rotor : 12×10mL (Angle Rotor)
	8hole15mL adapter serial No : H011-002-041-042 Applicable rotor : 4×750mL (swing rotor)		10hole20mL adapter serial No : H011-002-041-056 Applicable rotor : 4×750mL (swing rotor)		12hole15mL adapter serial No : H011-002-041-057 Applicable rotor : 4×750mL (swing rotor)		7mL adapter serial No : H001-003-006-008 Applicable rotor : 12×10mL (Angle Rotor)		5mL adapter serial No : H001-003-013-006 Applicable rotor : 8×15mL (conical bottomAngle Rotor)		10mL adapter serial No : H002-003-027-010 Applicable rotor : 12×15mL (conical bottomAngle Rotor)
	15hole10mL adapter serial No : H011-002-041-058 Applicable rotor : 4×750mL (swing rotor)		14hole15mL adapter serial No : H011-002-041-059 Applicable rotor : 4×750mL (swing rotor)		25hole5/7mL adapter serial No : H011-002-041-060 Applicable rotor : 4×750mL (swing rotor)		5mL adapter serial No : H012-003-096-006 Applicable rotor : 20×15mL (Angle Rotor)		10mL adapter serial No : H001-003-024-009 Applicable rotor : 6×30mL (Angle Rotor)		1.5/2.0mL adapter serial No : H001-003-008-004 Applicable rotor : 6×50mL (Angle Rotor)
	24hole5mL adapter serial No : H011-002-041-061 Applicable rotor : 4×750mL (swing rotor)		19hole5mL adapter serial No : H015-002-092-050 Applicable rotor : 6×1000mL (swing rotor)		18hole15mL adapter serial No : H015-002-092-051 Applicable rotor : 4×750mL (swing rotor) , 6×1000mL (swing rotor)		5mL adapter serial No : H001-003-008-006 Applicable rotor : 6×50mL (Angle Rotor)		10mL adapter serial No : H001-003-008-009 Applicable rotor : 6×50mL (Angle Rotor)		15mL adapter serial No : H001-003-008-016 Applicable rotor : 6×50mL (Angle Rotor)
	6hole50mL adapter serial No : H015-002-092-052 Applicable rotor : 6×1000mL (swing rotor)		4hole100mL adapter serial No : H015-002-092-053 Applicable rotor : 6×1000mL (swing rotor)		1.5/2.0mL adapter serial No : H001-003-004-004 Applicable rotor : 48×5mL (swing rotor) , 10×5mL (Angle Rotor)		5mL adapter serial No : H001-003-009-006 Applicable rotor : 6×50mL (conical bottomAngle Rotor)		10mL adapter serial No : H001-003-009-009 Applicable rotor : 6×50mL (conical bottomAngle Rotor)		15mL adapter serial No : H001-003-009-016 Applicable rotor : 6×50mL (conical bottomAngle Rotor)
	0.2mL adapter serial No : H001-003-001-001 Applicable rotor : 1.5/2.0mL (Angle Rotor)		0.5mL adapter serial No : H001-003-001-003 Applicable rotor : 1.5/2.0mL (Angle Rotor)		0.5mL adapter serial No : H001-003-007-003 Applicable rotor : 12×5mL (Angle Rotor)		15mL adapter serial No : H001-003-009-014 Applicable rotor : 6×50mL (conical bottomAngle Rotor)		20mL adapter serial No : H001-003-009-017 Applicable rotor : 6×50mL (conical bottomAngle Rotor)		10mL adapter serial No : H002-003-008-009 Applicable rotor : 6×50mL (Angle Rotor)
	1.5/2.0mL adapter serial No : H001-003-007-004 Applicable rotor : 12×5mL (Angle Rotor)		1.5/2.0mL adapter serial No : H001-003-005-004 Applicable rotor : 8×7mL (Angle Rotor)		5mL adapter serial No : H001-003-005-006 Applicable rotor : 8×7mL (Angle Rotor)		15mL adapter serial No : H002-003-008-016 Applicable rotor : 6×50mL (Angle Rotor)		5mL adapter serial No : H002-003-011-006 Applicable rotor : 6×100mL (Angle Rotor)		15mL adapter serial No : H002-003-011-016 Applicable rotor : 6×100mL (Angle Rotor)

Appendix No1: Rotor Adapters (Can be customized according to customer needs)

	<p>50mLadapter serial No : H002-003-011-020 Applicable rotor : 6×100mL (Angle Rotor)</p>		<p>5hole15mLadapter serial No : H002-003-012-065 Applicable rotor : 6×250mL (Angle Rotor)</p>		<p>50mLadapter serial No : H002-003-012-020 Applicable rotor : 6×250mL (Angle Rotor)</p>
	<p>100mLadapter serial No : H002-003-012-022 Applicable rotor : 6×250mL (Angle Rotor)</p>		<p>5hole10mLadapter serial No : H012-003-093-066 Applicable rotor : 6×500mL (Angle Rotor)</p>		<p>15mLadapter serial No : H012-003-093-014 Applicable rotor : 6×500mL (Angle Rotor)</p>
	<p>4hole15mLadapter serial No : H012-003-093-067 Applicable rotor : 6×500mL (Angle Rotor)</p>		<p>50mLadapter serial No : H012-003-093-021 Applicable rotor : 6×500mL (Angle Rotor)</p>		<p>100mLadapter serial No : H012-003-093-022 Applicable rotor : 6×500mL (Angle Rotor)</p>
	<p>250mLadapter serial No : H012-003-093-024 Applicable rotor : 6×500mL (Angle Rotor)</p>		<p>φ15×100foe glass tube serial No : H022-003-020-083 Applicable rotor : 12×10mL (through-hole angle rotor)</p>		