



LABORATORY LINES

CENTRIFUGES



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In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



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With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



Tabletop High Speed Refrigerated Centrifuge

Model YR126-1 and YR137-1



This high-speed centrifuge's max RCF is 30642g and its maximum speed is 21000rpm. About the control system, this YR126-1 model runs with a microcomputer control, a DC brushless motor, with a stable operation feature, it makes minimum noise and it has a high-speed accuracy. This refrigerated centrifuge works with French Tecumseh Compressor Unit, R404a. This means that this model meets up the environmental standards. Another great feature is that this is a programmable machine, so the operation data can be automatically stored. It also has a LED or LCD display with a touching panel, which makes the operation a lot easier. Other great features about this high-speed refrigerated centrifuge are:

- ✓ Self-locking device.
- ✓ Over-speed safety device.
- ✓ Over temperature safety device.
- ✓ Imbalance safety device.
- ✓ Automatic alarm device.

The real-time conversation of speed and RCF is very convenient for operation. Finally, this model has 10 acceleration and deceleration level files for you to choose. About this model's capacity, you should know that the maximum is 750mlx6. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 30A and the external dimensions are (LxWxH) 725mmx600mmx440mm with a net weight of 75Kg.

Technical performance

- ✓ Microcomputer control, DC brushless motor, stable operation, low noise, high speed accuracy.
- ✓ Touching panel, programmable operation. The operation parameters can be set according to demands and stored automatically.
- ✓ LED or LCD display, user-friendly interface, simple and convenient operations.
- ✓ The real-time conversation of Speed and RCF is convenient for operation.
- ✓ It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.
- ✓ It has 10 files of acceleration and deceleration level for your choice.



Technical performance

- ✓ Microcomputer control, LCD large touch screen.
- ✓ Rotor automatic recognition.(optional).
- ✓ Silastic sealed ring comfort to GMP.US FDA certificated.
- ✓ It has 10 files Of acceleration and deceleration level for your choice.
- ✓ New electronical lock ensure the safety spin. There are over-speed safety device, over-temperature safety device and automatic alarm device.
- ✓ Pre-programmed option and memory storage function.
- ✓ The chamber has large space. Many rotors are available and interchangeable.
- ✓ Silastic sealed ring comfort to GMP.US FDA certificated.
- ✓ When a substance is precipitated in a medium, it is accompanied by a diffusion phenomenon. The diffusion is unconditional and absolute. The smaller the particle size of the substance, the larger the range of diffusion. The sedimentation is subject to the external force. The interview is conditional, and the mass of the object is larger. The faster the sedimentation rate, the high-speed refrigerated centrifuge is available because some of the particles are too small to see the sedimentation process.



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Tabletop High Speed Refrigerated Centrifuge

Model YR126-1 and YR137-1



Rotors and Adapters

Model YR126-1

No.1



Rotor Capacity: 1.5ml/2.2mlx12
Max Speed: 21000r/min
Max RCF: 30642xg
Adapters: 0.2ml, 0.5ml

No.2



Rotor Capacity: 5mlx12
Max Speed: 16500r/min
Max RCF: 19175xg
Adapters: 0.5ml, 1.5ml

No.3



Rotor Capacity: 30mlx6
Max Speed: 15000r/min
Max RCF: 23120
Adapters: 0.5ml, 1.5ml

No.3



Rotor Capacity: 10mlx12
Max Speed: 15000r/min
Max RCF: 23120xg
Adapters: 10ml

No.4



Rotor Capacity: 50mlx6
Max Speed: 13000r/min
Max RCF: 17940xg
Adapters: 15ml, 20ml

No.7



Rotor Capacity: 1.5ml/2.2mlx24
Max Speed: 16500r/min
Max RCF: 26050xg
Adapters: 0.2ml, 0.5ml

No.8



Rotor Capacity: 85mlx6
Max Speed: 12000r/min
Max RCF: 15805xg
Adapters: 50ml, 15ml, 20ml

No.9



Rotor Capacity: 100mlx6
Max Speed: 10000r/min
Max RCF: 11960xg
Adapters: 50ml It is customizable

Model YR137-1

No.1



Rotor capacity: 50mlx6
Max Speed: 5800r/min
Max RCF: 5060xg
Adapters: 15ml, 20ml

No.3



Rotor capacity: 8x96孔
Max Speed: 4000r/min
Max RCF: 2200xg

No.3



8x96 well
 Microplate bucket



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Tabletop High Speed Refrigerated Centrifuge

Model YR126-1 and YR137-1



Specification	YR126-1	YR137-1
Max Speed	21000r/min	5800r/min
Max RCF	30642×g	5060xg
Max Capacity	750ml×4	
Speed Accuracy	± 30r/min	
Time Setting	1min ~ 99h 59min	
Temperature Setting	-20 ~ +40 °C	
Temperature Accuracy	±1 °C	
Compressor Unit	Imported refrigeration Units. R404a	
Noise	<65dB(A)	
Power supply	110V/60Hz, 220V/50Hz	
Dimension(LxWxH)	725mmx660mmx440mm	
Packing size(LxWxH)	880mmx780mmx620mm	
Net weight	75kg	



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Rotors and Adapters Model YR126-1 and YR137-1



 <p>Rotor capacity: 750mlx4 Max Speed: 4000r/min Max RCF: 3780xg</p>	 750ml Bucket  750ml Bottle	 5ml / 7mlx24x4 Vacuum Tube	 5ml / 7mlx37x4 G RIA Tube	 15mlx14x4
		 20mlx12x4	 50mlx5x4	 100mlx3x4
		 300mlx4	 500mlx4	

 <p>Rotor capacity: 500mlx4 Max Speed: 4000r/min Max RCF: 3040xg</p>	 <p>Name: Microplate bucket Capacity: 4X2X96 well</p>	 Bucket	 1.5mlx25x4	 5mlx28x4 Vacuum Tube	 50mlx4x4	
			 10mlx20x4	 15mlx10x4	 250mlx4	
			 500ml Bucket	 5ml/7mlx20x4 Vacuum Tube	 15mlx8x4	 20mlx9x4
			 500ml Bottle	 50mlx4x4	 100mlx2x4	 300mlx4
			 4x24x5ml Vacuum Tube	 4x37x7ml G RIA Tube		

 <p>Rotor capacity: 250mlx6/4 Max Speed: 4200r/min Max RCF: 3500xg</p>	 250ml Bucket  250ml Bottle	 1.5mlx9x6/4	 5mlx7x6/4
		 5/7mlx9x6/4 Vacuum Tube	 10mlx7x6/4 Internal Thread
		 15mlx5x6/4	 20mlx4x6/4
		 50mlx6/4	 100mlx6/4



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1
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How does the climate affect your microscope?

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2
Read this ARTICLE NOW



What is the importance of the laboratory refrigerator?

refrigerator is a device that is one of the most common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances

Kalstein Blog

Article of the week:
What is the importance of the laboratory refrigerator?

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