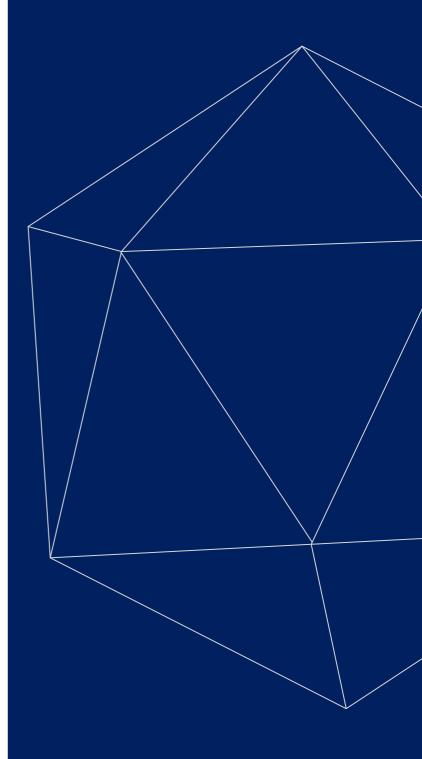


# Kalstein A different accompaniment, at your service

# LABORATORY LINES CENTRIFUGES





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OUR SERVICES

# **Benefits and Support**

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.



# Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



# **Quick Response**

Our work team is always available to response all your consults or questions, in order to support you in any situation.





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# **Technical Support**

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.





# **Delivery Logistics**

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or.air.



#### Kalstein Worldwide

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 overspeed 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



Rotor Capacity: 1.5ml/2.2mlx12 Max Speed:21000r/min Max RCF: 30642xg Adapters:0.2ml\_0.5ml



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



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



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



Rotor Capacity:50mlx6 Max Speed:13000r/min Max RCF:17940xg Adapters:15ml\_20ml



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



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



Rotor Capacity:1.5ml/2.2mlx24 Max Speed:16500r/min Max RCF:26050xg Adapters:0.2ml\_0.5ml

#### Model YR137-1



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



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



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

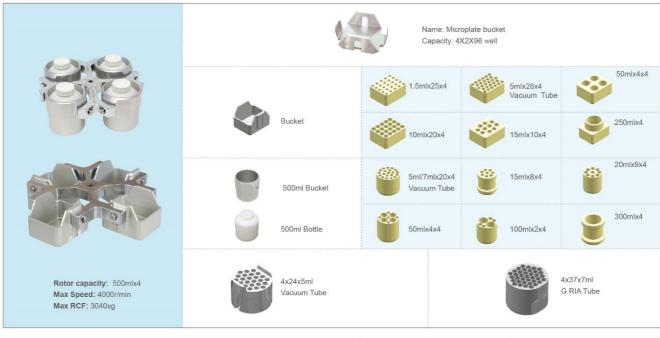
















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