



LABORATORY LINES

CENTRIFUGES



Kalstein®

A different accompaniment, at your service





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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.



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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.



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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 with LCD Screen

Model YR128

Centrifuge devices apply a centrifugal force to separate suspended particles from a liquid or to separate different liquid densities. Refrigerated centrifuge's uses can vary from spinning red blood cells to separation of viruses and cellular organelles. The separation process happens when the device creates a great amount of force tours the object, many times greater than gravity. That accelerates the natural separation process when a sample has particles with different densities.

Refrigerated Centrifuge

The centrifuge process consists in separating particles from a solution according to their size, shape, density and viscosity. The centrifugal force is a very crucial technique in biochemistry or biotechnology. In this case, we are presenting you high capacity tabletop models that meet your research needs. These models provide the exact speed control when it comes to separating sample contents in clinical or lab researches. Despite the great quality and features, these models make minimum noise.

High Capacity Refrigerated Centrifuge

These high-speed centrifuges' max RCF is 17800g and their maximum speed is 16000rpm. About the control system, these YR128 and YR128-1 models run with a microcomputer control, a user-friendly interface, a DC brushless motor, with a stable operation feature, they makes minimum noise and they have a high-speed accuracy. These refrigerated centrifuge work with French Tecumseh Compressor Unit, R404a. This means that both models meet up the environmental standards. Another great feature is that these are programmable machines, so the operation data can be automatically stored. They also have a LED or LCD display with a touching panel, which makes the operation a lot easier. Other great features about these high-speed refrigerated centrifuges 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, both models have 9 acceleration and deceleration level files for you to choose.

About these models' capacity, you should know that the maximum is 50mlx6. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 15A and the external dimensions are (LxWxH) 600mmx470mmx330mm with a net weight of 50Kg.



Technical Performance

- ✓ Microcomputer control, DC brushless motor, stable operation, low noise and high-speed accuracy.
- ✓ Touching panel, programmable operation. The operation data 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 9 files of acceleration and deceleration for your choice.



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Tabletop High Speed Refrigerated Centrifuge with LCD Screen

Model YR128



Tabletop High-Capacity Refrigerated Centrifuge

Model:	YR128	YR128-1
Max speed:	16000r/min	16000r/min
Max RCF:	17800xg	17800xg
Max capacity:	50mlx6	50mlx6
Speed accuracy:	± 30r/min	± 30r/min
Time setting:	1min~9h59min	1min~99min
Temperature Setting:	-20 ~ +40°C	-20 ~ +40°C
Temperature Accuracy:	±1°C	±1°C
Compressor Unit:	Imported refrigeration units. Non-CFC R134a	
Noise:	<65dB (A)	<65dB (A)
Power supply:	AC220V 50Hz 15A	AC220V 50Hz 15A
Dimension(LxWxH):	600mmx470mmx330mm	600mmx470mmx330mm
Packing size(LxWxH):	720mmx610mmx430mm	720mmx610mmx430mm
Net weight:	50kg	50kg



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Tabletop High Speed Refrigerated Centrifuge with LCD Screen

Model YR128

Rotors:

No.1



Rotor Capacity: 1.5ml/2.2mlx12
Max Speed: 16000r/min
Max RCF: 17800xg
Adapters: 0.2ml, 0.5ml

No.2



Rotor Capacity: 1.5ml/2.2mlx24
Max Speed: 13200r/min
Max RCF: 16110xg
Adapters: 0.2ml, 0.5ml

No.3



Rotor Capacity: 5mlx10
Max Speed: 13000r/min
Max RCF: 11400xg
Adapters: 0.5ml, 1.5ml

No.3



Rotor Capacity: 5mlx12
Max Speed: 13000r/min
Max RCF: 11400xg
Adapters: 0.5ml, 1.5ml

No.4



Rotor Capacity: 2x48 well
Max Speed: 3000r/min
Max RCF: 1400xg

No.5



Rotor Capacity: 0.5mlx36
Max Speed: 12000r/min
Max RCF: 14300xg

No.5



Rotor Capacity: 0.5mlx48
Max Speed: 12000r/min
Max RCF: 14300xg

No.5



Rotor Capacity: 10mlx12
Max Speed: 12000r/min
Max RCF: 14300xg
Adapters: 1.5ml, 5ml

No.5



Rotor Capacity: 10mlx8 15mlx8
Max Speed: 12000r/min
Max RCF: 14300xg
Adapters: 1.5ml, 5ml

No.6



Rotor Capacity: 50mlx6
Max Speed: 11000r/min
Max RCF: 10950xg
Adapters: 15ml, 20ml

No.7



Rotor Capacity: 10mlx4
Max Speed: 6000r/min
Max RCF: 3200xg



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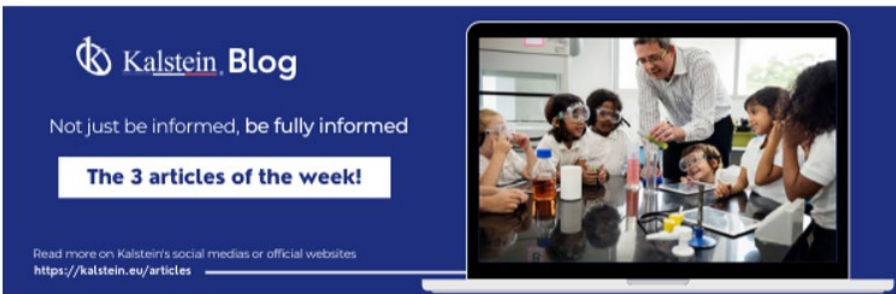
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