



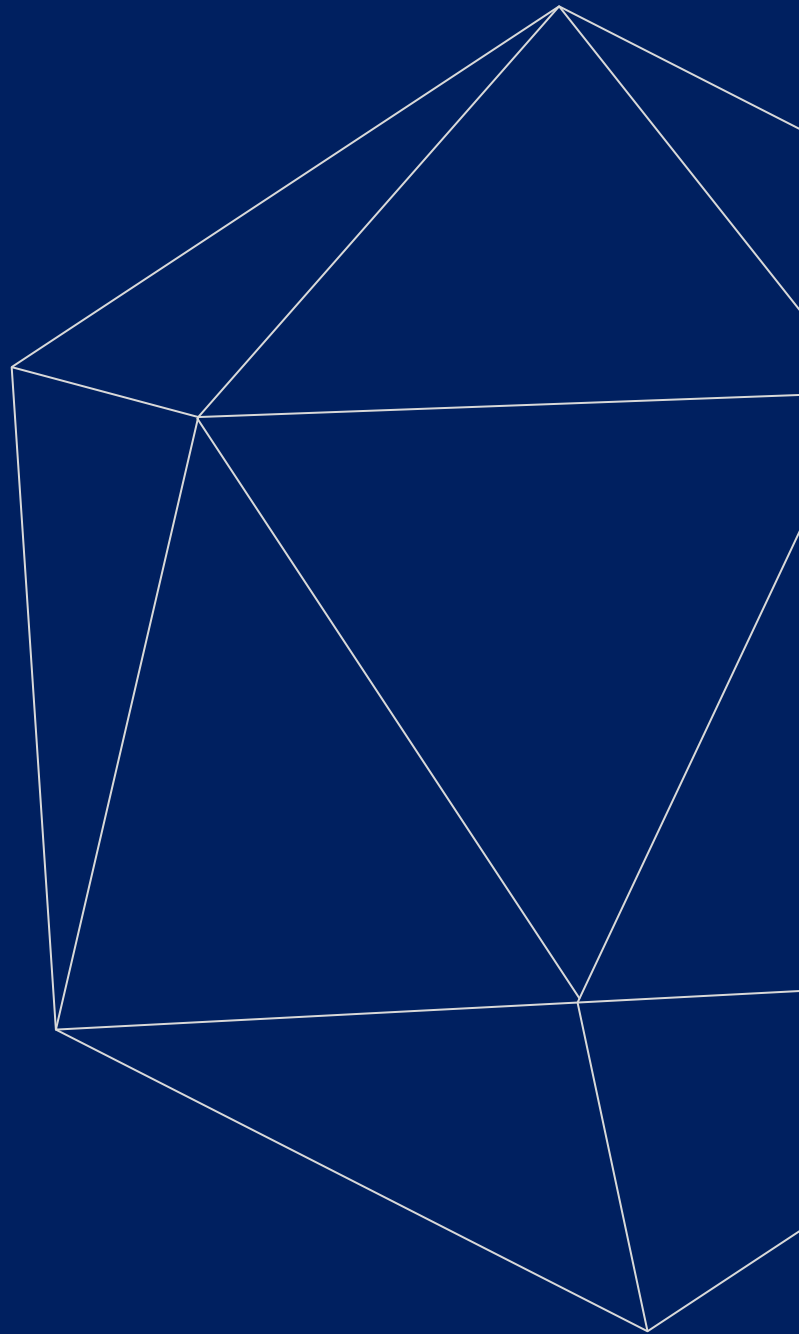
LABORATORY LINES

CENTRIFUGES



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Tabletop High Speed Refrigerated Centrifuge

Model YR119

High speed refrigerated centrifuge is very common in sophisticated biochemical applications, where a higher speed is fundamental, and a temperature control of the rotor chamber is essential. Refrigerated centrifuge's uses can vary from spinning red blood cells to separation of viruses and cellular organelles. The device's operator can carefully control the speed and temperature, which is required for sensitive biological samples. The separation process happens when the device creates a great amount of force turns the object, many times greater than gravity. That accelerates the natural separation process when a sample has different densities particles.

Refrigerated centrifuge

Centrifuge devices have different uses in any medical, science or medical field. For example, blood separation, DNA/RNA separation, cell culture separation and others such as the study of viruses, proteins, nucleic acids and polymers. One of this high-capacity refrigerated centrifuge's uses is collecting the substances that sediment rapidly like erythrocytes, yeast cell, nuclei and chloroplast.

High-capacity refrigerated centrifuge

In this case, we present you with two models: the YR119 and YR121. Both models are centrifuges used to collect microorganisms and cellular samples. These high-speed centrifuges' max RCF is 6680g and their maximum speed is 6000rpm. About the control system, both models run with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

These refrigerated centrifuges work with an imported compressor unit that runs with a non-CFC refrigerant. This means that these models meet up the environmental standards. Another great feature is that these are programmable machines, so the operation data can be automatically stored. The YR119 model comes with a LCD screen, and the YR121 with a LED 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, these models have 10 acceleration and deceleration level files for you to choose.

About these models' capacity, you should know that the maximum is 1200mlx6. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 30A and the external dimensions are (LxWxH) 710mmx840mmx1200mm with a net weight of 320Kg.

Technical performance

- ✓ The max capacity can be up to 1200mlx6.
- ✓ It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- ✓ Imported compressor unit with Non-CFC.refrigerant. It measures up to environmental standards.
- ✓ The machine is programmable. The operation data can be stored automatically.
- ✓ YR119 has LCD and YR121 has LED display. The touching panel makes the operation easy.
- ✓ 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.



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Tabletop High Speed Refrigerated Centrifuge Model YR119

High Capacity Refrigerated Centrifuge

Model:	YR119	YR121
Max speed:	6000r/min	6000r/min
Max RCF:	6680xg	6680xg
Max capacity:	1200mlx6	1200mlx6
Speed accuracy:	± 50r/min	± 50r/min
Time setting:	1min~99h59min	1min~99h59min
Temperature Setting:	-20 ~ +40°C	-20 ~ +40°C
Temperature Accuracy:	±1°C	±1°C
Compressor Unit:	French Tecumseh Compressor Unit, R404a	
Noise:	<65dB(A)	<65dB(A)
Power supply:	AC220V 50Hz 30A	AC220V 50Hz 30A
Dimension(LxWxH):	710mmx840mmx1200mm	710mmx840mmx1200mm
Packing size(LxWxH):	890mmx960mmx1450mm	890mmx960mmx1450mm
Net weight:	320kg	320kg



No.1



Rotor Capacity: 500mlx6
Max Speed: 6000r/min
Max RCF: 6680xg
Adapters: 50ml, 100ml, 250ml
 It is customizable

No.2



Rotor Capacity: 1200mlx6
Max Speed: 4200r/min
Max RCF: 5100xg



1200ml Round Bucket



1200ml Bottle



1200ml Oval Bucket

 10mlx19x6 Internal Thread	 15mlx15x6	 20mlx13x6
 50mlx5x6	 100mlx3x6	 250mlx6
 300mlx6	 500mlx6	 1000mlx6



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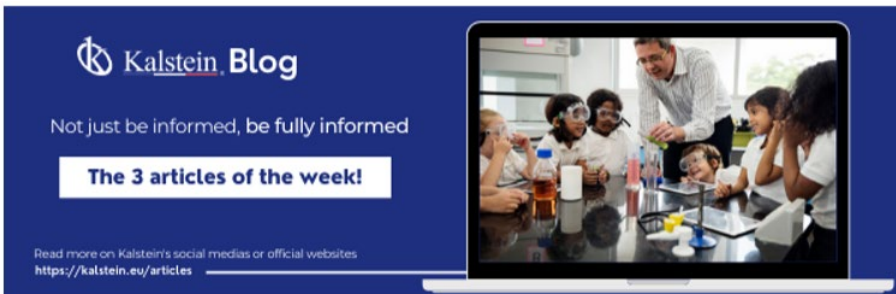
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2
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What is the importance of the laboratory refrigerator?
A refrigerator in a laboratory is one of the most important equipment. It is used to maintain, in a controlled environment (refrigerated space), various fluids and substances.

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

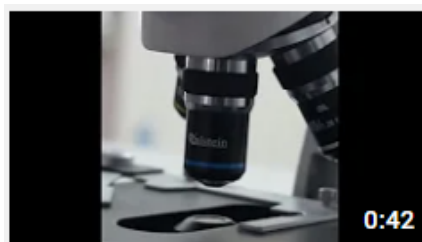
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