



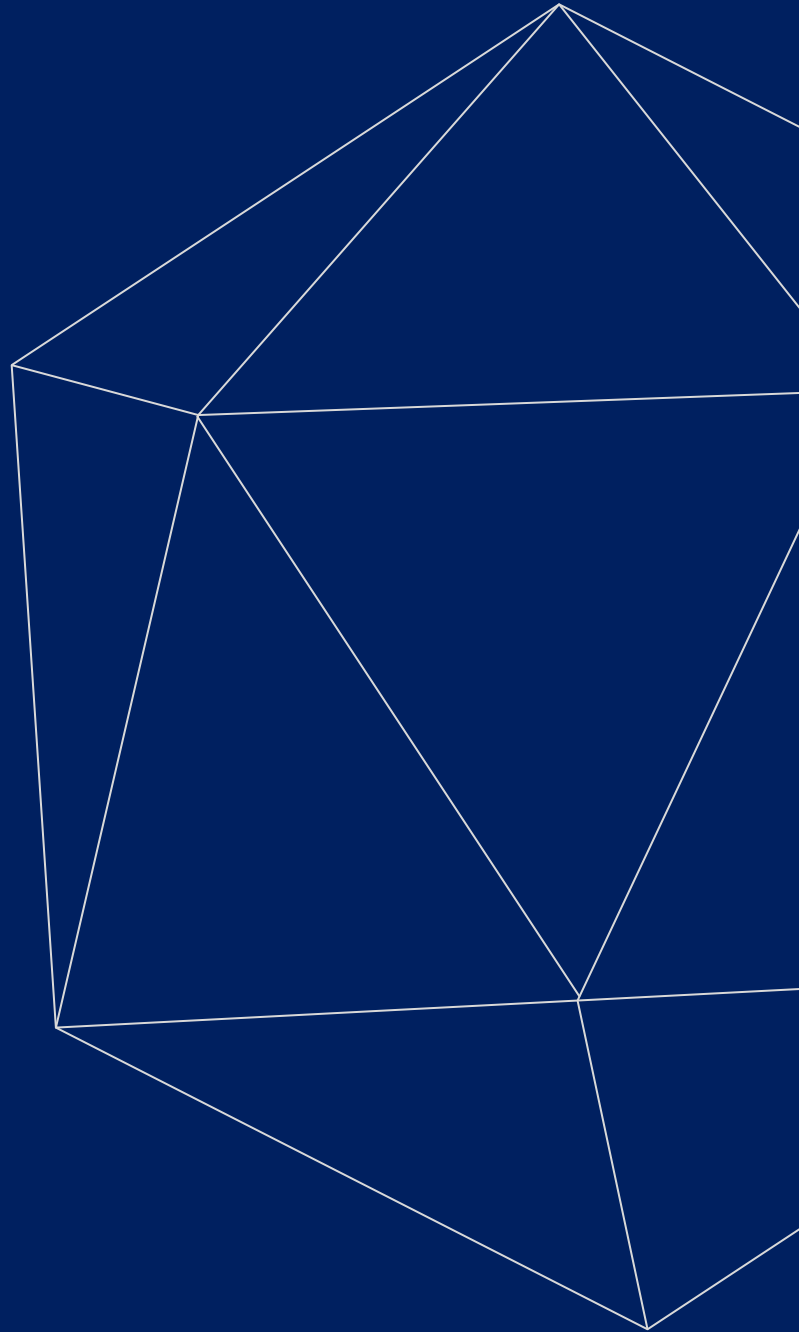
LABORATORY LINES

CENTRIFUGES



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Tabletop High Speed Refrigerated Centrifuge

Model YR118/ YR120

Centrifuges are necessary in order to be able to separate a solution's particles. The separation happens when the sample is inside the machine and starts to spin. The centrifugal force, often denominated as a "fictitious force", is not directly on the object that is moving in a circular motion. It is very common to find a refrigerated centrifuge in a medical environment or in a research lab, since they are one of the most important and most common items in any kind of laboratory.

Refrigerated centrifuge

There are two types of ultra centrifuge and those are analytical and preparative models. Both of these kinds are very common in molecular biology, biochemistry, and polymer science. In this case, we are presenting to you the Ultra-Capacity Refrigerated Centrifuge YR118 and YR120 models, great capacity models with important and useful features for your laboratory.

These ultra-capacity refrigerated centrifuge's max RCF is 11260g and its maximum speed is 8000rpm. About the control system, these YR118 and YR120 models run with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

This refrigerated centrifuge works with an imported compressor unit that runs with a non-CFC refrigerant. 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 these models' capacity, you should know that the maximum is 2400mlx6. In addition, the temperature setting is from -20 to 40 degrees Celsius. The power supply for both models is AC380V 50Hz 40A. A technical detail you should know is that the compressor unit is French Tecumseh, R404a. In addition, the external dimensions for both models is 900 mm x 1000 mm x 1300 mm (LxWxH). Their packaging size is 980 mm x 1100 mm x 1580 mm (LxWxH). Finally, you should also know that both models weight 510 Kg.



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Features of the Ultra-Capacity Refrigerated Centrifuge

- ✓ The max capacity can be up to 2400mlx6, that is 14400ml.
- ✓ 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.
- ✓ YR118 has LCD and YR120 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 YR118/ YR120

Ultra-Capacity Refrigerated Centrifuge

Model:	YR118	YR120
Max speed:	8000r/min	
Max RCF:	11260xg	
Max capacity:	2400mlx6	
Speed accuracy:	± 50r/min	
Time setting:	1min~99h59min	
Temperature Setting:	-20~ +40°C	
Temperature Accuracy:	±1°C	
Compressor Unit:	French Tecumseh Compressor Unit, R404a	
Noise:	<70dB(A)	
Power supply:	AC380V 50Hz 40A	
Dimension(LxWxH):	900mmx1000mmx1300mm	
Packing size(LxWxH):	980mmx1100mmx1580mm	
Net weight:	510kg	



No.1

Rotor Capacity: 500mlx6
Max Speed: 8000r/min
Max RCF: 11260xg
Adapters: 50ml, 100ml, 250ml
 It is customizable

No.2

Rotor Capacity: 2000mlx6
Max Speed: 4000r/min
Max RCF: 5600xg

	2000ml Bucket (Stainless steel Or steel)		10mlx30x6 Internal Thread		15mlx24x6		20mlx19x6
	2000ml Stainless steel bucket with stainless steel cup		50mlx9x6		100mlx5x6		250mlx6
	2000ml Bottle		300mlx6		500mlx6		1000mlx6

No.3

Rotor Capacity: 2400mlx6
Max Speed: 4000r/min
Max RCF: 5600xg

	2400ml Oval bucket		2400ml Adapter for blood bags
	2400ml Bottle		2400ml Adapter for blood bags



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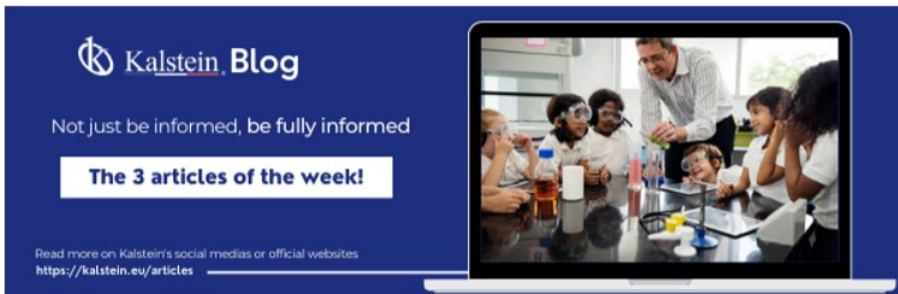
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Not just be informed, be fully informed

The 3 articles of the week!

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1
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How does the climate affect your microscope?

microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

Kalstein Blog

Article of the week:
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 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?

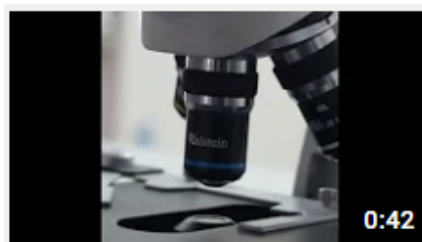
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