

LABORATORY LINES CENTRIFUGES







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Low Speed Refrigerated Centrifuge Model YR124 & YR124-1

In almost every field of science and chemistry, centrifuges are an important and fundamental element in any laboratory. Their main function is to separate sample solutions according to their weight and other factors. Nowadays, centrifuges are far more than just a motor spinning around. Centrifuges are available in different sizes, speed and configuration.

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 the low-speed refrigerated model that meets your research needs. Low-speed centrifuges are very common when it comes to routine sedimentation of heavy particles such as red blood cells until the particles are tightly packed into a pellet and supernatant goes through a decantation process.

In this case, we present you with one model: the YR124 and YR124-1. These models' centrifuges are used to collect microorganisms and cellular samples. These high-speed centrifuges' max RCF is 3780g and their maximum speed is 5000rpm. About the control system, both models run with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

The refrigerated centrifuge YR124 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. Both models come with a LED screen, 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 capacity is 750mlx4. The temperature setting is from -20 to 40 degrees Celsius (Only for the model YR124). The power supply is AC220V 50Hz 30A and the external dimensions are (LxWxH) 650mmx710mmx1100mm with a net weight of 170Kg for the YR124 model.



Technical performance

- ✓ It has micro-computer control, electronic lock and AC variableconversion motor which delivers high torque.
- ✓ The machine is programmable.
- ✓ The operation data can be stored automatically. LED display and 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, overtemperature safety device, imbalance safety device and automatic alarm device.
- ✓ It has 10 files of acceleration and deceleration level for your choice.
- ✓ Silastic sealed ring comfort to GMP, US FDA Certificated.



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Low Speed Refrigerated Centrifuge Model YR124 & YR124-1



Nodel	YR124	YR124-1
fax Speed	5000r/min	
ax RCF	3780xg	
lax Capacity	750mlx4	
peed Accuracy	± 50r/min	
ime Setting	1min~99min	
emperature Setting	-20 ~ +40°C	1
emperature Accuracy	± 1°C	1
ompressor Unit	French Tecumseh Compressor Unit, R404a	1
oise	<65dB(A)	
ower supply	110V/60Hz, 220V/50Hz	
imension(LxWxH)	650mmx710mmx1100mm	
acking size(LxWxH)	740mmx830mmx1300mmm	
let weight	170kg	140kg

Rotor:





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CENTRIFUGES

Rotor:





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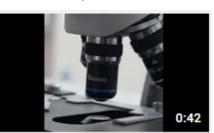
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