

Tabletop low speed centrifuge with LED screen



Model : YR0140-1-2

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Manufacturer : Kalstein

Price : \$ 2,500.00

Description :

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.

Speed 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 low-speed tabletop models that meet 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.

Low speed centrifuge

The YR0140-1-2 model has a max RCF of 4390g y 5000rpm. About the control system, these models run with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

This refrigerated centrifuge work 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 display with a touching panel, which makes the operation a lot easier. The real-time conversation of speed and RCF is very convenient for operation.

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.

About this model's capacity, you should know that the maximum capacity is 15mlx32 for the YR0140-1-2 model. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 10A. The external dimensions are (LxWxH) 460mmx540mmx340mm with a net weight of 28Kg

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for the YR0140-1-2 model.

Technical performance

- Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
- Touch panel, programmable operation, operation data can be set according to demands and stored automatically.
- LED 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, lid safety device, over-speed safety device, and automatic alarm device, etc.

Parameters by Models

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Tabletop Low Speed Centrifuge

Model:	YR0140-1-2
Max speed:	5000r/min
Max RCF:	4390xg
Max capacity:	15mlx32
Speed accuracy:	± 30r/min
Time setting:	1min~99min
Noise:	<65dB(A)
Power supply:	AC220V 50Hz 10A
Dimension(LxWxH):	460mmx540mmx340mm
Packing size(LxWxH):	550mmx630mmx430mm
Net weight:	28kg

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Options available for Tabletop low speed centrifuge with LED screen :

Rotor

(YR0140-1-5) Microplate rotor 4000rpm RCF:2200 8Å—96well (+\$ 1,085.66).