

## Tabletop low speed centrifuge with LCD screen



**Model : YR0140**

**Tabletop low speed centrifuge with LCD screen**

**Manufacturer : Kalstein**

**Price : \$ 2,460.00**

**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 has a max RCF of 4100g and 5000rpm for its maximum speed. About the control system, these models run with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

These 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 or LCD 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 15mlx16 for the YR0140 model. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 10A for all of the models. The external dimensions are (LxWxH) 410mmx490mmx310mm

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with a net weight of 22Kg.

### 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 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, lid safety device, over-speed safety device, and automatic alarm device, etc.

### Parameters by Models

## Tabletop low speed centrifuge with LCD screen

	<b>LOW SPEED CENTRIFUGE</b>
<b>Model :</b>	YR0140
<b>Max speed:</b>	5000r/min
<b>Max RCF:</b>	4100g
<b>Max Capacity:</b>	15mlx16
<b>Speed Accuracy:</b>	±30r/min
<b>Time Setting:</b>	1min-99min
<b>Noise:</b>	≤65db(A)
<b>Power Supply:</b>	Ac220V 50 Hz 20A
<b>Dimension (LxWxH):</b>	410mmX490mmX310mm
<b>Packing Size (LxWxH):</b>	500mmX580mmX400mm
<b>Net Weight:</b>	22Kg

## Tabletop low speed centrifuge with LCD screen

### Options available for Tabletop low speed centrifuge with LCD screen :

#### Screen

(YR0140-2) LED (-\$ 185.00),  
(YR0140) LCD.

#### Rotor

(YR0140-2-2) Swing rotor 4200rpm RCF:2760 5mlx24 (+\$ 820.00),  
(YR0140-2-3) Swing rotor 4200rpm RCF:2760 15mlx12 (+\$ 745.00),  
(YR0140-2-4) Swing rotor 4200rpm RCF:2760 15mlx16 (+\$ 820.00),  
(YR0140-2-5) Swing rotor 4200rpm RCF:2760 50mlx4 (+\$ 595.00),  
(YR0140-2-1) Angle rotor 5000rpm RCF:4100 10mlx24 (+\$ 1,295.00).