

## Tabletop low speed centrifuge with LED screen



**Model : YR0132-1**

**Tabletop low speed centrifuge with LED screen**

**Manufacturer : Kalstein**

**Price : \$ 1,045.00**

### **Description :**

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.

### 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 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.

### Low speed centrifuge

This low speed tabletop centrifuge's max RCF is 2220g and its maximum speed is 4000rpm. About the control system, this YR0132-1 model runs with a microcomputer control, a DC brushless motor, with a stable operation feature, it makes minimum noise and it has a high-speed accuracy. 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. Other great features about this low speed 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. About this model's capacity, you should know that the maximum is 20mlx12. The power supply is AC220V 50Hz 5A and the external dimensions are (LxWxH) 330mmx420mmx280mm with a net weight of 14Kg.

### Technical performance

- Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
- Touch panel, programmable operation, operation data can be set

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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 Model

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### Tabletop Low Speed Centrifuge

<b>Model:</b>	YR0132-1
<b>Max speed:</b>	4000rpm
<b>Max RCF:</b>	2220xg
<b>Max capacity:</b>	20mlx12
<b>Speed accuracy:</b>	± 30rpm
<b>Time setting:</b>	1min~99min
<b>Noise:</b>	<60dB(A)
<b>Power supply:</b>	AC220V 50Hz 5A
<b>Dimension(LxWxH):</b>	330mmx420mmx280mm
<b>Packing size(LxWxH):</b>	430mmx520mmx390mm
<b>Net weight:</b>	14kg

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

#### Rotor

- (YR0132-1-2) Angle rotor 4000rpm RCF:2220 10/15/20mlx12 (+\$ 300.00),
- (YR0132-1-1) Angle rotor 4000rpm RCF:2220 7mlx12/18/24 /Vacuum tube (+\$ 300.00),
- (YR0132-1-3) Angle rotor 4000rpm RCF:2220 10mlx18/24 (+\$ 300.00),
- (YR0132-1-4) Angle rotor 4000rpm RCF:2220 50mlx4/6 (+\$ 300.00),
- (YR0132-1-5) Swing rotor 4000rpm RCF:2220 15mlx8 (+\$ 820.00).