

## Tabletop filtration centrifuge with LCD screen



**Model : YR133-1**

**Tabletop filtration centrifuge with LCD screen**

**Manufacturer : Kalstein**

**Price : \$ 3,990.00**

**Description :**

There are several kinds of separation methods and applications when it comes to the centrifuge process. In every one of them the main goal is to separate the different parts from a solution. 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. It is a necessary item in your laboratory.

### Filtration centrifuge

Centrifuges can classify into two big categories and those are filtration and sedimentation centrifuges. The filtration ones are also called "screen centrifuge", where the drum is perforated, and it is necessary to put a filter on it. The filtration process happens when the suspension flows through the filter and the drum with the perforated wall from the inside to the outside. In this way, the material is restrained and it is able for removal.

This tabletop filtration centrifuge YR133-1 model runs with a microcomputer control and a DC brushless motor. This feature makes it a very steady device when it comes to operation. In addition, this device makes minimum noise and it has a high-speed accuracy. Another useful feature is that it has a touch panel and it has a programmable operation with the option to store any operation data and you can set it to do that automatically.

This model has the real-time conversation of Speed and RCF is convenient for operation. Moreover, it also has stainless steel rotors, which filters vat and a drainpipe inside the machine. It can wash and dewater. Finally, you should know that this model comes with a LED or LCD display and it has a user-friendly interface with simple and very convenient operations. Other great features are:

- Self-locking device.
- Lid safety device
- Over speed safety device
- Automatic alarm device

About this model's speed, you should know that both rotors run 5000 rpm. For one of them, the max RCF is 2320g and the other one is 1180g. Its capacity is 2000 ml and 1000 ml respectively. The power supply is AC220V 50Hz 10A and the external dimensions are (LxWxH) 460 mm x 540 mm x 340 mm with a net weight of 28 Kg

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### 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.
- There are stainless steel rotors, filtering vat and drain pipe inside the machine. It can wash, dewatering

### Parameters by Model

## Tabletop filtration centrifuge with LCD screen

**Tabletop Filtration Centrifuge**

<b>Model:</b>	YR133-1	
<b>Max speed:</b>	5000r/min	
<b>Max RCF:</b>	2320xg	1830xg
<b>Max capacity:</b>	2000ml	1000ml
<b>Speed accuracy:</b>	± 30r/min	
<b>Time Setting:</b>	1min~99min	
<b>Noise:</b>	<65dB(A)	
<b>Power Supply:</b>	AC220V 50Hz 10 <sup>a</sup>	
<b>Dimension(LxWxH):</b>	460mmx540mmx340mm	
<b>Packing Size(LxWxH):</b>	550mmx630mmx430mm	
<b>Net Weight:</b>	28kg	

## Tabletop filtration centrifuge with LCD screen

**Options available for Tabletop filtration centrifuge with LCD screen :**

Screen

(YR133-1) LCD.