

Tabletop low speed centrifuge with LCD screen



Model : YR0139

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Manufacturer : Kalstein

Price : \$ 1,715.00

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 2760g and its maximum speed is 4200rpm. About the control system, this YR0139model 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 or LCD 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) 410mmx490mmx310mm 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

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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.
- Rotors are made of stainless steel, its buckets are interchangeable.

Parameters by Model

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Tabletop Low Speed Centrifuge

Model:	YR0139
Max speed:	4200rpm
Max RCF:	2760xg
Max capacity:	20mlx12
Speed accuracy:	± 30rpm
Time setting:	1min~99min
Noise:	<65dB(A)
Power supply:	AC220V 50Hz 5A
Dimension(LxWxH):	410mmx490mmx310mm
Packing size(LxWxH):	500mmx580mmx400mm
Net weight:	22kg

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Options available for Tabletop low speed centrifuge with LCD screen :

Screen

(YR0139) LCD,
(YR0139-1) LED (-\$ 179.79).

Rotor

(YR0139-1-1) Angle rotor 4000rpm RCF:2200 10mlx18/20mlx12 (+\$ 300.00),
(YR0139-1-2) Swing rotor 4200rpm RCF:2760 50mlx4 (+\$ 595.00),
(YR0139-1-3) Swing rotor 4200rpm RCF:2760 10mlx8 (+\$ 745.00),
(YR0139-1-4) Swing rotor 4200rpm RCF:2760 5mlx16 (+\$ 745.00).