

Ultra capacity refrigerated centrifuge with LCD screen



Model : YR117-2

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Manufacturer : Kalstein

Price : \$ 88,780.00

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.

Refrigerated centrifuge

There are two types of ultra centrifuge and those are analytical and preparative models. Both of these kinds are very common in molecular biology, biochemistry, and polymer science. In this case, we are presenting to you the Ultra-Capacity Refrigerated Centrifuge YR117-2 a great capacity model with important and useful features for your laboratory.

This ultra-capacity refrigerated centrifuge's max RCF is 11260g and its maximum speed is 8000rpm. About the control system, this YR0117-2 model runs with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

This refrigerated centrifuge works 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. 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.

The real-time conversation of speed and RCF is very convenient for operation. Finally, this model has 10 acceleration and deceleration level files for you to choose.

About this model's capacity, you should know that the maximum is 2400mlx6. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 30 and the external dimensions are (LxWxH) 900mmx1000mmx1200mm with a net weight of 500Kg.

Technical performance

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- The max capacity can be up to 2400mlx6, that is 14400ml.
- It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- Imported compressor unit with Non-CFC refrigerant.
- It measures up to environmental standards.
- The machine is programmable. The operation data can be stored automatically.
- LCD or LED display, touching panel makes the operation easy.
- The real-time conversation of Speed and RCF is convenient for operation.
- It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.
- It has 10 files of acceleration and deceleration level for your choice.

Parameters by Model

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Ultra-Capacity Refrigerated Centrifuge

Model:	YR117-2
Max speed:	8000r/min
Max RCF:	11260xg
Max capacity:	2400mlx6
Speed accuracy:	± 50r/min
Time setting:	1min~99h59min
Temperature Setting:	-20 ~ +40°C
Temperature Accuracy:	±1°C
Compressor Unit:	French Tecumseh Compressor Unit, R404a
Noise:	<70dB (A)
Power supply:	AC380V 50Hz 40A
Dimension(LxWxH):	900mmx1000mmx1200mm
Packing size(LxWxH):	980mmx1100mmx1460mm
Net weight:	500kg

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Options available for Ultra capacity refrigerated centrifuge with LCD screen :

Screen

(YR117-2) LCD,
(YR117-2-1) LED (-\$ 3,730.00).

Rotor

(YR117-2-0) Angle rotor 8000rpm RCF:11260 400ml/500mlx6 (+\$ 7,085.00),
(YR117-2-2) Swing rotor 4500rpm RCF:6950 2000mlx6 (+\$ 14,025.00),
(YR117-2-3) Swing rotor 4500rpm RCF:6950 2400mlx6 (+\$ 14,100.00),
(YR117-2-4) Swing Rotor 4500rpm RCF: 6950 2000x6 (+\$ 18,205.00),
(YR117-2-4) Swing Rotor 4500rpm RCF: 6950 2000x6.