

High speed refrigerated centrifuge with LCD screen



Model : YR115-2

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Manufacturer : Kalstein

Price : \$ 20,515.00

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.

Refrigerated 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 floor-standing model that meets your research needs.

High speed refrigerated centrifuge

In this case, we present you with two models: the YR115-2 and YR0115-3. Both models are centrifuges used to collect microorganisms and cellular samples. These high-speed centrifuges' max RCF is 29200g and their maximum speed is 20500rpm. About the control system, both models run with a microcomputer control, an electronic lock and an AC variable-conversion motor, which delivers high torque.

These refrigerated centrifuges work with an imported compressor unit that runs with a non-CFC refrigerant. This means that these models meet up the environmental standards. Another great feature is that these are programmable machines, so the operation data can be automatically stored. The YR115-2 model comes with a LCD screen, and the YR115-3 with a LED display with a touching panel, which makes the operation a lot easier. Other great features about these high-speed refrigerated centrifuges 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, these models have 10 acceleration and deceleration level files for you to choose.

About these models' capacity, you should know that the maximum is 750mlx4. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 30A and the external dimensions are (LxWxH) 650mmx710mmx1100mm with a net weight of 170Kg.

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Technical performance

The max speed is 20500rpm, and max RCF is 29200g.

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.

YR115-2 has LCD and YR115-3 has 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 Models

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Floor-standing High Speed Refrigerated Centrifuge

Model:	YR0115-2	YR0115-3
Max speed:	20500r/min	20500r/min
Max RCF:	29200xg	29200xg
Max capacity:	750mlx4	750mlx4
Speed accuracy:	± 50r/min	± 50r/min
Time setting:	1min~99h59min	1min~99min
Temperature Setting:	-20 ~ +40°C	-20 ~ +40°C
Temperature Accuracy:	±1°C	±1°C
Compressor Unit:	French Tecumseh Compressor Unit, R404a	
Noise:	<65dB(A)	<65dB(A)
Power supply:	AC220V 50Hz 20A	AC220V 50Hz 20A
Dimension(LxWxH):	650mmx710mmx1100mm	650mmx710mmx1100mm
Packing size(LxWxH):	740mmx830mmx1300mm	740mmx830mmx1300mm
Net weight:	170kg	170kg

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Options available for High speed refrigerated centrifuge with LCD screen :

Screen

(YR115-3) LED (-\$ 1,865.00),
(YR115-2) LCD.

Rotor

(YR115-3-1) Angle rotor 20500rpm RCF:29200 1.5ml/2.2ml—12 (+\$ 560.00),
(YR115-3-2) Angle rotor 15000rpm RCF:23120 10mlx12 (+\$ 1,715.00),
(YR115-3-3) Angle rotor 13000rpm RCF:17940 50mlx6 (+\$ 2,535.00),
(YR115-3-4) Swing rotor 4000rpm RCF:3500 750mlx4 (+\$ 2,535.00),
(YR115-3-5) Microplate rotor 4000rpm RCF:2200 8—96well (+\$ 2,240.00),
(YR115-3-6) Swing rotor 4000rpm RCF:3040 4x2x96well (+\$ 2,460.00),
(YR115-3-7) Swing rotor 4000rpm RCF:3040 500mlx4 (+\$ 2,045.00),
(YR115-3-8) Angle rotor 16500rpm RCF:24890 1.5ml/2.2ml—24 (+\$ 1,345.00),
(YR115-3-9) Angle rotor 11000rpm RCF:11720 100mlx4 (+\$ 2,535.00).