

High speed refrigerated centrifuge Max Speed 22000rpm / Max RCF 52000g with LCD screen



Model : YR0114

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Manufacturer : Kalstein

Price : \$ 47,375.00

Description :

Separating a sample is a very important part in every laboratory. That is why you need to have the right refrigerated centrifuge in order to get the appropriate results according to your needs. It is important that you know the amount of g-force and speed you need. We offer you the highest technology available.

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 YR0114 (YR0114-1) and YR0115 (YR0115-1). Both models are centrifuges used to collect microorganisms and cellular samples. These high-speed centrifuges' max RCF is 52000g with a maximum speed of 22000rpm for the YR0114 (YR0114-1) model and 50400g with a maximum speed of 21000rpm for the YR0115 (YR0115-1) model. 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 YR0114/ YR0115 models comes with a LCD screen, and the YR0114-1/ YR0115-1 models come with a LED display and 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

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files for you to choose.

About these models' capacity, you should know that the maximum is 600mlx6. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 30A and the external dimensions are (LxWxH) 710mmx840mmx1200mm with a net weight of 290Kg.

Technical performance

- YR0114(YR0114-1) has the max speed of 22000rpm. The max RCF is 52000g. YR0115(YR0115-1) has the max speed of 21000rpm. The max RCF is 50400g.
- 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.
- YR0114/ YR0115 has LCD,and YR0114-1/ YR0115-1 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:	YR0114	YR0114-1	YR0115	YR0115-1
Max speed:	22000rpm		21000rpm	
Max RCF:	52000g 50400g			
Max capacity:	600mlx6	600mlx6	600mlx6	600mlx6
Speed accuracy:	± 50r/min	± 50r/min	± 50r/min	± 50r/min
Time setting:	1min~99h59min			
Temperature Setting:	-20 ~ +40°C		-20 ~ +40°C	
Temperature Accuracy:	±1°C	±1°C	±1°C	±1°C
Compressor Unit:	French Tecumseh Compressor Unit, R404a			
Noise:	<65dB(A)	<65dB(A)	<65dB(A)	<65dB(A)
Power supply:	AC220V 50Hz 30A			
Dimension(LxWxH):	710mmx840mmx1200mm			
Packing size(LxWxH):	890mmx960mmx1450mm			
Net weight:	290kg	290kg	290kg	290kg

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Options available for High speed refrigerated centrifuge Max Speed 22000rpm / Max RCF 52000g

with LCD screen :

Variation

(YR0114-1) Screen: LED / Speed: 22000rpm / RCF: 52000g (-\$ 3,730.00),
(YR0115) Screen: LCD / Speed: 21000rpm / RCF: 50400g (-\$ 3,730.00),
(YR0115-1) Screen: LED / Speed: 21000rpm / RCF: 50400g (-\$ 7,460.00),
(YR0114) Screen: LCD / Speed: 22000rpm / RCF: 52000g.

Rotor

(YR0115-1-7-1) Angle rotor 5000rpm RCF:4390 50ml—4 (+\$ 1,956.95),
(YR0115-1-1-2) Angle rotor 21000rpm RCF:50400 1.5ml/2.2ml—36 (+\$ 1,697.63),
(YR0115-1-19-2) Swing rotor 5000rpm RCF:4390 15mlx72 (+\$ 3,440.21),
(YR0115-1-8) Continuous flow rotor 14000rpm RCF:21500 1000ml (+\$ 12,021.73),
(YR0115-1-1-3) Angle rotor 22000rpm RCF:52,000 5ml/10ml—16 (+\$ 1,697.63),
(YR0115-1-19-3) Swing rotor 5000rpm RCF:4390 50mlx20 (+\$ 3,723.73),
(YR0115-1-9) Angle rotor 11000rpm RCF:19650 300mlx6 (+\$ 3,772.13),
(YR0115-1-1-4) Angle rotor 21000rpm RCF:50400 5ml/10ml—16 (+\$ 1,697.63),
(YR0115-1-2) Angle rotor 16500rpm RCF:31100 20mlx12 (+\$ 1,956.95),
(YR0115-1-7-2) Swing rotor 5000rpm RCF:4390 50ml—8 (+\$ 1,956.95),
(YR0115-1-10) Angle rotor 9000rpm RCF:14400 500mlx6 (+\$ 4,477.46),
(YR0115-1-20) Microplate rotor 4000rpm RCF:2236 8—96well (+\$ 1,721.84),
(YR0115-1-7-3) Swing rotor 5000rpm RCF:4390 15mlx32 (+\$ 1,956.95),
(YR0115-1-11) Angle rotor 20000rpm RCF:43000 50ml—6 (+\$ 1,956.95),
(YR0115-1-23) Continuous flow rotor 16000rpm RCF:28100 1000ml (+\$ 12,211.89),
(YR0115-1-12) Angle rotor 14000rpm RCF:26952 100mlx8 (+\$ 2,804.03),
(YR0115-1-24) Continuous flow rotor 10000rpm RCF:14800 3000ml (+\$ 14,569.91),
(YR0115-1-13) Angle rotor 12000rpm RCF:22470 250mlx6 (+\$ 3,678.78),
(YR0115-1-3) Angle rotor 21000rpm RCF:50400 10mlx18 (+\$ 2,074.50),
(YR0115-1-14) Angle rotor 16000rpm RCF:30940 15mlx32 (+\$ 2,804.03),
(YR0115-1-4) Angle rotor 18000rpm RCF:35047 50ml—8 (+\$ 2,402.96),
(YR0115-1-17) Angle rotor 7000rpm RCF:9100 600mlx6 (+\$ 4,716.03),
(YR0115-1-5) Angle rotor 15000rpm RCF:425700 70mlx6 (+\$ 2,050.30),
(YR0115-1-18) Continuous flow rotor 8000rpm RCF:9500 3000ml (+\$ 14,379.74),
(YR0115-1-6) Angle rotor 5000rpm RCF:5470 750mlx4 (+\$ 2,710.68),
(YR0115-1-1-1) Angle rotor 22000rpm RCF:52000 1.5ml/2.2ml—36 (+\$ 1,697.63),
(YR0115-1-19-1) Swing rotor 5000rpm RCF:4390 10mlx96 (+\$ 3,723.73).