



LABORATORY LINES

CENTRIFUGES



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Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



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With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



Floor-standing High Speed Refrigerated Centrifuge

Series Model YR0111-1



Centrifuges are used in almost every field of science and chemistry. They are a fundamental and important 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

This is a centrifuge used to collect microorganisms and cellular samples. This high speed centrifuge' max RCF is 52000g and its maximum speed is 22000rpm. About the control system, this YR0111-3 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 600mlx6. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 30A and the external dimensions are (LxWxH) 710mmx840mmx1140mm with a net weight of 280Kg.



Technical Performance:

- ✓ 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.
- ✓ LED or LCD 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.



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Floor-standing High Speed Refrigerated Centrifuge

Series Model YR0111-1



Specification

Model	YR0111-1	YR0111-3	YR0111-4
Max Speed	25000r/min	22000rpm	21000rpm
Max RCF	64983xg	52000xg	50400xg
Max Capacity	1000mlx4	600mlx6	500mlx6
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	<65dB (A)		
Power supply	110V/60Hz, 220V/50Hz		
Dimension(LxWxH)	710mmx840mmx1140mm		
Packing size(LxWxH)	890mmx960mmx1400mm		
Net weight	280kg		



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Floor-standing High Speed Refrigerated Centrifuge

Model YR0111-3



No.1



Rotor Capacity: 1.5ml/2.2mlx36
Max Speed: 22000r/min, 21000r/min
Max RCF: 52000xg, 50400xg
Adapters: 0.2ml, 0.5ml

No.1



Rotor Capacity: 10mlx16
Max Speed: 22000r/min, 21000r/min
Max RCF: 52000xg, 50400xg
Adapters: 1.5ml, 5ml

No.1



Rotor Capacity: 5mlx16
Max Speed: 22000r/min, 21000r/min
Max RCF: 52000xg, 50400xg
Adapters: 0.5ml, 1.5ml

No.2



Rotor Capacity: 10mlx18
Max Speed: 21000r/min
Max RCF: 50400xg
Adapters: 1.5ml, 5ml

No.3



Rotor Capacity: 50mlx6
Max Speed: 20000r/min
Max RCF: 43000xg
Adapters: 10ml, 20ml

No.4



Rotor Capacity: 50mlx8
Max Speed: 18000r/min
Max RCF: 35047xg
Adapters: 10ml, 20ml

No.5



Rotor Capacity: 20mlx12
Max Speed: 16500r/min
Max RCF: 31100xg
Adapters: 5ml, 10ml

No.6



Rotor Capacity: 15mlx32
Max Speed: 16000r/min
Max RCF: 30640xg
Adapters: 5ml, 10ml

No.7



Rotor Capacity: 70mlx6
Max Speed: 15000r/min
Max RCF: 25700xg

No.8



Rotor Capacity: 100ml/85mlx8
Max Speed: 14000r/min
Max RCF: 26852xg
Adapters: 10ml, 20ml
 It is customizable

No.9



Rotor Capacity: 250mlx6
Max Speed: 12000r/min
Max RCF: 22470xg
Adapters: 50ml, 100ml
 It is customizable

No.10



Rotor Capacity: 300mlx6
Max Speed: 11000r/min
Max RCF: 19650xg
Adapters: 50ml, 100ml
 It is customizable

No.11



Rotor Capacity: 500ml/400mlx6
Max Speed: 9000r/min
Max RCF: 14400xg
Adapters: 50ml, 100ml, 250ml
 It is customizable

No.12



Continuous Flow Rotor
Rotor Capacity: 1000ml
Max Speed: 14000r/min
Max RCF: 21500xg
Standard flow: 200-800ml/min
Material: Aluminum alloy
 Stainless Steel

No.13



Continuous Flow Rotor
Rotor Capacity: 3000ml
Max Speed: 8000r/min
Max RCF: 9500xg
Standard flow: 200-800ml/min
Material: Aluminum alloy
 Stainless Steel

No.14



Rotor Capacity: 600mlx6
Max Speed: 7000r/min
Max RCF: 9100xg
Adapters: 50ml, 100ml, 250ml
 It is customizable
 This rotor applies to H2200R only



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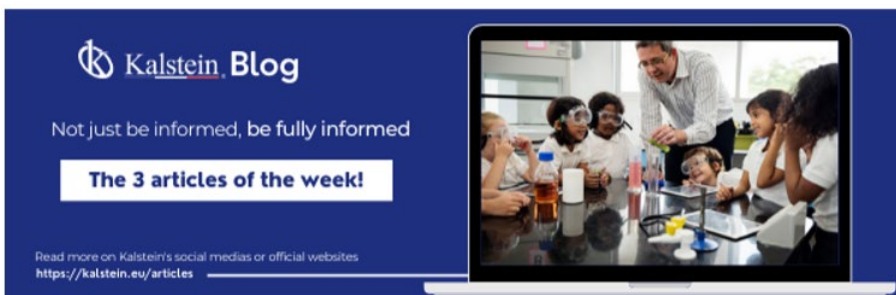
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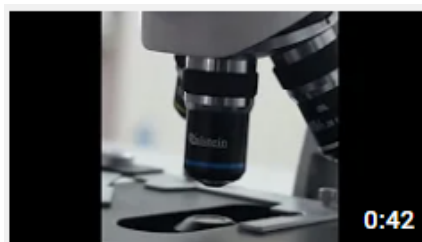
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