



LABORATORY LINES

CENTRIFUGES



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KALSTEIN® Centrifuges**Floor-standing High Speed Refrigerated Centrifuge****Model YR0113**

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 YR0113 and YR0112. Both models are centrifuges used to collect microorganisms and cellular samples. These high-speed centrifuges' max RCF is 64983g and their maximum speed is 25000rpm. 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 YR0113 model comes with a LCD screen, and the YR0112 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 1000mlx4. 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**

- ✓ The max speed is 25000rpm, and Max RCF is 64983g.
- ✓ 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.
- ✓ YR0113 has LCD and YR0112 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.

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KALSTEIN® Centrifuges**Floor-standing High Speed Refrigerated Centrifuge****Model YR0113**

Model	YR0113
Max speed	25000r/min
Max RCF	64983xg
Max capacity	1000mlx4
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	AC110/220V 50Hz/60Hz 30A
Dimension(LxWxH)	710mmx840mmx1200mm
Packing size(LxWxH)	890mmx960mmx1450mm
Net weight	290kg

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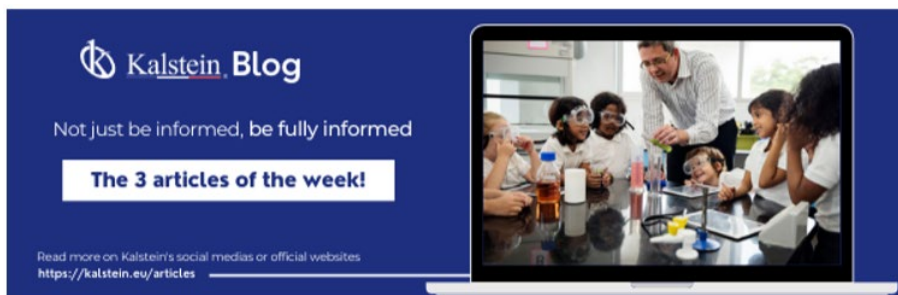
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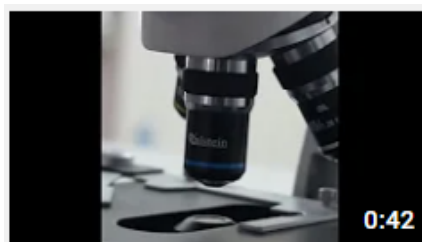
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