



A different accompaniment at your service



 **Kalstein**®

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LABORATORY SECTOR

CENTRIFUGES

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OUR SERVICES

Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



#Letsgivemore

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



Technical Support

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.



Delivery Logistics

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



Kalstein Worldwide

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.



KALSTEIN® Centrifuges**Floor-standing High-Speed Refrigerated Centrifuge****Model YR0111-4****Product Description:**

Centrifuge is a kind of machine that performs solid-liquid, liquid-liquid or solid-liquid phase separation under the action of centrifugal force. The rotor is the main component of the centrifuge. It is mostly made of titanium alloy or aluminum alloy.

It is installed at high speed. Separation is achieved by centrifugal force on the vertical or horizontal axis, and can be used for separation of centrifugal separation, centrifugal filtration and centrifugal sedimentation. The separation factor is the main indicator of the separation performance of the centrifuge. It is the ratio of the centrifugal force to the gravity of the material, which is equal to the ratio of the centrifugal acceleration to the gravity acceleration.

**Cold centrifuge technical performance:**

- ✓ The max speed is 21000rpm, and 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.
- ✓ LCD or LED display and 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.
- ✓ Silastic sealed ring comfort to GMP. US FDA certificated.



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KALSTEIN® Centrifuges**Floor-standing High-Speed Refrigerated Centrifuge****Model YR0111-4****Technical Specifications :**

Model	YR0111-4
Max speed	21000r/min
Max RCF	50400xg
Max capacity	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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KALSTEIN® Centrifuges**Floor-standing High-Speed Refrigerated Centrifuge****Model YR0111-4**

	<p>NO.1 Capacity:1.5ml/2.2ml×36 Max Speed:21000r/min RCF:50400×g Adapters:0.2ml、0.5ml</p>		<p>NO.1 Capacity: 10ml×16 Max Speed: 21000r/min RCF: 50400×g Adapters : 1.5ml、5ml</p>
	<p>NO.1 Capacity:5ml×16 Speed: 21000r/min RCF:50400×g Adapters:0.5ml、1.5ml</p>		<p>NO.2 Capacity:10ml×18 Speed: 21000r/min RCF: 50400×g Adapters:1.5ml、5ml</p>
	<p>NO.3 Capacity: 50ml×6 Speed: 20000r/min RCF:43000×g Adapters:10ml、20ml</p>		<p>NO.4 Capacity: 50ml×8 Speed: 18000r/min RCF:35047×g Adapters:10ml、20ml</p>
	<p>NO.5 Capacity: 20ml×12 Speed: 16500r/min RCF:31100×g Adapters:5ml、10ml</p>		<p>NO.6 Capacity: 15ml×32 Speed: 16000r/min RCF:30940×g Adapters:5ml、10ml</p>
	<p>NO.7 Capacity: 70ml×6 Speed: 15000r/min RCF:25700×g</p>		<p>NO.8 Capacity: 100ml/85ml×8 Speed: 14000r/min RCF:26952×g Adapters:10ml、20ml</p>
	<p>NO.9 Capacity: 250ml×6 Speed: 12000r/min RCF:22470×g Adapters:50ml、100ml</p>		<p>NO.10 Capacity: 300ml×6 Speed: 11000r/min RCF:19650×g Adapters:50ml、100ml</p>
	<p>NO.11 Capacity: 500ml/400ml×6 Speed: 9000r/min RCF:14400×g Adapters:50ml、100ml、250ml</p>		<p>Continuous Flow Rotor Capacity: 1000ml Speed: 14000r/min RCF:21500×g Standard flow:200-600ml/min Material:Aluminum alloy Stainless Steel</p>
	<p>Continuous Flow Rotor Capacity: 3000ml Speed: 8000r/min RCF:9500×g Standard flow:200-800ml/min Material:Aluminum alloy Stainless Steel</p>		



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