



A different accompaniment at your service



 **Kalstein**®

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# LABORATORY SECTOR

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# CENTRIFUGES

[www.kalstein.net/en/](http://www.kalstein.net/en/)



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# Kalstein®

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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 YR0113****Product Description:**

It has micro-computer control, electronic lock and AC variable conversion motor which delivers high torque.

**Technical performance:**

- ✓ The max speed is 25000rpm, and the largest capacity of fixed rotor is 4X1000ml.
- ✓ It has micro-computer control, electronic lock and AC variable conversion motor which delivers high torque.
- ✓ Digital LCD screen make visualized operation conveniently.
- ✓ Imported compressor unit with Non-CFC refrigerant R404a.
- ✓ It has self-locking, over-speed detection, over-temperature detection, imbalance detection that is automatic alarm device.
- ✓ Essential configuration included rotor exchange, speed/RCF, time, temperature, 9 levels acceleration and deceleration is the most economical choice.
- ✓ Silastic sealed ring comfort to GMP, US FDA certificated.

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

<b>Model</b>	YR0113
<b>Max speed</b>	25000r/min 21000r/min
<b>Max RCF</b>	64983xg 50400xg
<b>Max capacity</b>	4x1000ml 6x500ml
<b>Speed accuracy</b>	± 10r/min
<b>Time setting</b>	1s~99h 59min59s
<b>Temperature setting</b>	-20 °C ~ +40 °C
<b>Temperature accuracy</b>	±1 °C
<b>Compressor unit</b>	French Tecumseh Compressor Unit R404a
<b>Noise</b>	<65db(A)
<b>Power supply</b>	AC220V, 50Hz-60Hz
<b>Consumption</b>	5kw
<b>Dimension(L×W×H)</b>	710mm×840mm×1200mm
<b>Packing size(L×W×H)</b>	889mm×960mm×1450mm
<b>Net weight (No rotor)</b>	290kg

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**KALSTEIN® Centrifuges**

**Floor-standing High-Speed Refrigerated Centrifuge**

**Model YR0113**



 <p>No.1</p>	<p>Capacity: 24x1.5ml/2.2ml                  Max Speed:                  25000r/min/21000r/min Max RCF:                  64983xg/50400xg                  Adaptor: 0.2ml、0.5ml</p>	 <p>No.2</p>	<p>Capacity: 24x1.5ml/2.2ml                  Max Speed:                  25000r/min/21000r/min                  Max RCF: 64983xg/50400xg                  Adaptor: 0.2ml、0.5ml</p>
 <p>No.3</p>	<p>Capacity: 8x50ml                  Max Speed: 18000r/min                  Max RCF: 40930xg                  Adaptor: 10ml、20ml</p>	 <p>No.4</p>	<p>Capacity: 6x250ml Max                  Speed: 14000r/min/12000r/min                  Max RCF: 30200xg/22470xg                  Adaptor: 50ml、100ml</p>
 <p>No.5</p>	<p>Capacity: 6x500ml                  Max Speed: 10000r/min/9000r/min                  Max RCF: 17800xg/14400xg                  Adaptor: 50ml、100ml、250ml</p>	 <p>No.6</p>	<p>Capacity: 4x1000ml                  Max Speed: 8000r/min                  Max RCF: 12879xg                  Adaptor: 250ml、500ml</p>
 <p>No.12</p>	<p>Capacity: 8x100ml                  Max Speed: 14000r/min                  Max RCF: 26952xg                  Adaptor: 10ml、20ml</p>	 <p>No.14</p>	<p>Capacity: 32x15ml(Round)                  Max Speed: 14000r/min                  Max RCF: 34512xg                  Adaptor: 5ml、10ml</p>
 <p>No.25</p>	<p>Capacity: 12x15ml(Conical)                  Max Speed: 16000r/min                  Max RCF: 30194xg</p>		



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

Angle rotor	Capacity	Max.Speed	Max.RCF
No1	10x5ml	25000r/min/21000r/min	64983xg/50400xg
No1	36x1.5/2.2ml 16x10/5ml	21000r/min	50400xg
No.2	12x20ml	16500r/min	31100xg
No.3	18x10ml	21000r/min	50400xg
No.5	6x70ml	15000r/min	25700xg
No.11	6x50ml	20000r/min	43000xg
No.13	6x250ml	12000r/min	22470xg
No.17	6x600ml	7000r/min	9100xg
Continuous rotor			
No.11/No.23	1000ml	16000r/min	28100xg
No.12/No.24	3000ml	10000r/min	14800xg
Swing rotor			
No.7/No.20	Microplate 2x2x96	4000r/min	2236xg
No.8/No.20	4x750ml	5000r/min	5470xg
No.13/No.7	4x50ml 4x85ml 32x15ml	10000r/min/5000r/min	15316xg/4390xg
No.19	96x10ml 72x15ml 20x50ml	5000r/min	4390xg
No.20	Microplate 2x2x96	4000r/min	2236xg
No.21	4x50ml/4x85ml	8000r/min	9800xg



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