



# LABORATORY LINES

## CENTRIFUGES



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## Tabletop High Speed Refrigerated Centrifuge

### Model YR0126/ YR0125



High speed refrigerated centrifuge is very common in sophisticated biochemical applications, where a higher speed is fundamental, and a temperature control of the rotor chamber is essential. Refrigerated centrifuge's uses can vary from spinning red blood cells to separation of viruses and cellular organelles. The device's operator can carefully control the speed and temperature, which is required for sensitive biological samples. The separation process happens when the device creates a great amount of force turns the object, many times greater than gravity. That accelerates the natural separation process when a sample has different densities particles.

### High Speed Refrigerated Centrifuge

These high-speed centrifuges' max RCF is 27800g and their maximum speed is 20000rpm. About the control system, these YR0125 and YR0126 models run with a microcomputer control, a DC brushless motor, with a stable operation feature, they makes minimum noise and they have a high-speed accuracy. These refrigerated centrifuge work with French Tecumseh Compressor Unit, R404a. This means that both models meet up the environmental standards. Another great feature is that these are programmable machines, so the operation data can be automatically stored. They also have a LED or LCD 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, both models have 10 acceleration and deceleration level files for you to choose.

About these models' capacity, you should know that the maximum is 100mlx4. The temperature setting is from -20 to 40 degrees Celsius. The power supply is AC220V 50Hz 15A and the external dimensions are (LxWxH) 600mmx470mmx330mm with a net weight of 50Kg.



### Technical performance

- ✓ Microcomputer control, DC brushless motor, stable operation, low noise, high speed accuracy.
- ✓ Touching panel, programmable operation. The operation parameters can be set according to demands and stored automatically.
- ✓ LED or LCD display, user-friendly interface, simple and convenient operations.
- ✓ 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 9 files of acceleration and deceleration for your choice.



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## Tabletop High Speed Refrigerated Centrifuge

Model YR0126/ YR0125



<p>No.1</p> 	<p><b>Rotor Capacity:</b> 1.5ml/2.2mlx12  <b>Max Speed:</b> 20000r/min/18000r/min/            16000r/min  <b>Max RCF:</b> 27800xg/22530xg/17800xg  <b>Adapters:</b> 0.2ml-0.5ml</p>	<p>No.2</p> 	<p><b>Rotor Capacity:</b> 1.5ml/2.2mlx24  <b>Max Speed:</b> 16000r/min/16000r/min/            13200r/min  <b>Max RCF:</b> 23755xg/23755xg/16110xg  <b>Adapters:</b> 0.2ml-0.5ml</p>	<p>No.3</p> 	<p><b>Rotor Capacity:</b> 5mlx10  <b>Max Speed:</b> 16000r/min/13000r/min/            13000r/min  <b>Max RCF:</b> 17280xg/11400xg/11400xg  <b>Adapters:</b> 0.5ml-1.5ml</p>
<p>No.3</p> 	<p><b>Rotor Capacity:</b> 5mlx12  <b>Max Speed:</b> 16000r/min/13000r/min/            13000r/min  <b>Max RCF:</b> 17280xg/11400xg/11400xg  <b>Adapters:</b> 0.5ml-1.5ml</p>	<p>No.4</p> 	<p><b>Rotor Capacity:</b> 2x48 well  <b>Max Speed:</b> 3000r/min  <b>Max RCF:</b> 1400xg</p>	<p>No.5</p> 	<p><b>Rotor Capacity:</b> 0.5mlx36  <b>Max Speed:</b> 13000r/min/13000r/min/            12000r/min  <b>Max RCF:</b> 16760xg/16760xg/14300xg</p>
<p>No.5</p> 	<p><b>Rotor Capacity:</b> 0.5mlx48  <b>Max Speed:</b> 13000r/min/13000r/min/            12000r/min  <b>Max RCF:</b> 16760xg/16760xg/14300xg</p>	<p>No.5</p> 	<p><b>Rotor Capacity:</b> 10mlx12  <b>Max Speed:</b> 13000r/min/13000r/min/            12000r/min  <b>Max RCF:</b> 16760xg/16760xg/14300xg  <b>Adapters:</b> 1.5ml-5ml</p>	<p>No.5</p> 	<p><b>Adapters:</b> 15mlx8  <b>Max Speed:</b> 13000r/min/13000r/min/            2000r/min  <b>Max RCF:</b> 16760xg/16760xg/14300xg  <b>Adapters:</b> 1.5ml-5ml</p>
<p>No.6</p> 	<p><b>Rotor Capacity:</b> 50mlx6  <b>Max Speed:</b> 12000r/min/12000r/min/            11000r/min  <b>Max RCF:</b> 13000xg/13000xg/10950xg  <b>Adapters:</b> 15ml-20ml</p>	<p>No.6</p> 	<p><b>Rotor Capacity:</b> 100mlx4  <b>Max Speed:</b> 12000r/min/12000r/min/            1000r/min  <b>Max RCF:</b> 13000xg/13000xg/10950xg  <b>Adapters:</b> 10ml-20ml</p>	<p>No.7</p> 	<p><b>Rotor Capacity:</b> 10mlx4  <b>Max Speed:</b> 6000r/min  <b>Max RCF:</b> 3200xg</p>



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## Tabletop High Speed Refrigerated Centrifuge

Model YR0126/ YR0125



### High-Speed Refrigerated Centrifuge

<b>Model:</b>	YR0125	YR0126
<b>Max speed:</b>	20000r/min	20000r/min
<b>Max RCF:</b>	27800xg	27800xg
<b>Max capacity:</b>	100mlx4	100mlx4
<b>Speed accuracy:</b>	± 30r/min	± 30r/min
<b>Time setting:</b>	1min~9h59min	1min~99min
<b>Temperature Setting:</b>	-20 ~ +40°C	-20 ~ +40°C
<b>Temperature Accuracy:</b>	±1°C	±1°C
<b>Compressor Unit:</b>	Non-CFC R134a	Non-CFC R134a
<b>Noise:</b>	<65dB (A)	<65dB (A)
<b>Power supply:</b>	AC220V 50Hz 15A	AC220V 50Hz 15A
<b>Dimension(LxWxH):</b>	600mmx470mmx330mm	600mmx470mmx330mm
<b>Packing size(LxWxH):</b>	720mmx610mmx430mm	720mmx610mmx430mm
<b>Net weight:</b>	50kg	50kg



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microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

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How does the climate affect your microscope?

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**2**  
Read this ARTICLE NOW

**What is the importance of the laboratory refrigerator?**

refrigerator is a device that is one of the most common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances

**Kalstein Blog**

**Article of the week:**  
What is the importance of the laboratory refrigerator?

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