



GL-21M Large Capacity High Speed Refrigerated Centrifuge

17 rotors are available for classical centrifuge GL-21M. There are continuous flow rotor, titanium alloy rotor and aluminum alloy rotor. Its mature technology, stable performance, excellent quality, rotor diversity and many other elements make this classic high-speed machine deeply trusted by users.











Product advantages

- ◆17 rotors are available, including 4 continuous flow rotors, to meet user's requirement.
- ◆Max Speed up to 21000r/min, Max RCF 47400xg.
- ◆The compressor unit is environmental and efficient.
- ◆Microprocessor control, AC brush-less motor without carbon dust pollution, low noise and service life is long.
- ◆Touch panel, LED display, programmable.
- ◆Dual temperature control to achieve best centrifugal effect.
- ◆Acceleration and deceleration time can be set freely by users, and RCF value will be calculated automatically.
- ◆Multiple protection against over-speed, over-temperature and imbalance, with electronic door interlock, to ensure user's safety as well as instrument.

Technical parameter

Order NO	0202110000
Max Speed	21000r/min
Max RCF	47400xg
Max Capacity	4x750ml
Speed Accuracy	±10r/min
Time Setting Range	1min~99h59min
Temperature Setting Range	-20℃~40℃
Temperature Accuracy	±1℃
Compressor Unit	Non-CFC unit (R404a)
Noise	≤ 65dB (A)
Power Supply	AC 220±22V 50Hz
Power Consumption	5kW
Dimension (WxDxH)	710×820×1200(mm)
Packing Dimension (WxDxH)	920×1040×1520(mm)
Net Weight	310kg

 Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle Rotor Max Capacity: 16x10ml Max Speed: 21000r/min Max RCF: 47400xg Order NO: 0301800000 Adapter: 1.5ml, 5ml, 7ml</p>	<p>No:2</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml Max Speed: 20000r/min Max RCF: 43000xg Order NO: 0301800100 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p>
<p>No:2</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 20000r/min Max RCF: 43000xg Order NO: 0301800200 Adapter: 50ml, 15ml (conical)</p>	<p>No:3</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x15ml (conical/round) Max Speed: 16000r/min Max RCF: 28618xg Order NO: 0301812600 Adapter: 5ml</p>
<p>No:4</p>  <p>Rotor Type: Angle Rotor Max Capacity: 4x250ml Max Speed: 14000r/min Max RCF: 29440xg Order NO: 0301800400 Adapter: 1.5ml, 10ml, 15ml (conical) , 50ml (conical/round) , 100ml</p>	<p>No:9</p>  <p>Rotor Type: Angle Rotor Max Capacity: 10x100ml Max Speed: 12000r/min Max RCF: 21280xg Order NO: 0301809610 Adapter: 5ml, 10ml, 15ml (conical/round) , 25ml, 50ml (conical/round)</p>
<p>No:10</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x250ml Max Speed: 12000r/min Max RCF: 22470xg Order NO: 0301800600 Adapter: 1.5ml, 10ml, 15ml (conical) , 50ml (conical/round) , 100ml</p>	<p>No:12</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x500ml Max Speed: 9000r/min Max RCF: 14400xg Order NO: 0301800700 Adapter: 1.5ml, 5ml, 10ml, 15ml (conical) , 30ml, 50ml (conical/round) , 100ml, 250ml</p>
<p>No:15</p>  <p>Rotor Type: Angle Rotor Max Capacity: 8x50ml Max Speed: 18000r/min Max RCF: 37600xg Order NO: 0301800830 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p>	<p>No:17</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x50ml (conical) Max Speed: 12000r/min Max RCF: 22470xg Order NO: 0301801800 Adapter: 15ml (conical)</p>


Continuous Rotor

No:7



Continuous Rotor
 Max Speed: 14000r/min
 Max RCF: 21500xg
 Standard Flow: 200~600
 Max Capacity: 1000ml
 Order NO: 0301890000

No:8



Continuous Rotor
 Max Speed: 8000r/min
 Max RCF: 9500xg
 Standard Flow: 200~800
 Max Capacity: 3000ml
 Order NO: 0301890100

No:13


















Continuous Rotor(Titanium Alloy)
 Max Speed: 16000r/min
 Max RCF: 28100xg
 Standard Flow: 200~600
 Max Capacity: 1000ml
 Order NO: 0301890200

No:14



Continuous Rotor(Titanium Alloy)
 Max Speed: 10000r/min
 Max RCF: 14800xg
 Standard Flow: 200~800
 Max Capacity: 3000ml
 Order NO: 0301890300

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:6</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000 r/min Max RCF: 3500xg Max Capacity: 4x750ml Order NO: 0302891022 (Bucket not included)</p>	 Round Bucket Order NO: 0303891025  Aerosol-tight round bucket Order NO: 0303891006		4x1x500ml (conical/flat) 0304891035 (conical) 0304891036 (flat)		4x1x250ml (conical/flat) 0304891562 (conical) 0304891039 (flat)
			4x4x100ml 0304891006		4x5x50ml (Self-standing tube) 0304891024
			4x7x50ml(conical/round) 0304891003 (conical) 0304891004 (round)		4x10x20ml 0304891163
			4x15x15ml (conical) 0304891005		4x19x10ml (Self-standing tube) 0304891732
			4x21x10ml 0304891730		4x27x5/7ml Vaccum blood collection tube 0304891728
			4x37x5ml (RIA tube) 0304891166		4x56x1.5ml 0304891025

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:11</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3040xg Max Capacity: 4x500ml Order NO: 0302891084 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891022</p>  <p>Aerosol-tight round bucket Order NO: 0303891077</p>		4x1x250ml 0304891142		4x2x100ml 0304891009
			4x4x50ml(conical/round) 0304891008		4x7x20ml 0304851485
			4x9x15ml(conical/round) 0304891083		4x11x15ml (conical) (Cap≤21.5mm) 0304891508
			4x14x10ml 0304891705		4x19x5/7ml Vaccum blood collection tube 0304851450
			4x36x1.5ml 0304891677		/
	 <p>Rectangular Bucket Order NO: 0303851421</p>  <p>Rectangular bucket with sealing cover Order NO: 0303891016</p>		4x1x250ml 0304891041		4x3x100ml 0304891744
			4x6x50ml(conical/round) 0304891014		4x12x15ml(conical/round) 0304891582 (conical) 0304891779 (round)
			4x20x10ml 0304891077		4x31x5/7ml Vaccum blood collection tube 0304891782
			4x56x1.5ml 0304891603		/
		 <p>Microplate bucket Order NO: 0303891110</p>		4x1x96 Deep-well plate	