

High Speed Refrigerated Centrifuge

Model:GTL20-MB



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Features:

- Max. speed 20.000 rpm, gravitational fields up to more than 27800 x g.
- Brushless induction motor with frequency drive ensures gentle start.
- Reliable drive system.
- GTL-20MB allows you to control the rates of acceleration & deceleration from 1~10 profiles, you can quickly recall up to 30 daily-use programmable operations with RCF value calculated automatically.
- A microcontroller controls time, temperature, speed or g-force.
- Very low noise level.
- Lid can easily be opened by gas spring support. Gas hinge for lid drop protection.



- Motorized lid lock.
- Special rotor connector which makes it easy to load and unload rotor.
- Special tool for loading and unloading rotor.
- Stainless steel bowl.
- Imbalance switch.
- It cannot run with the open lid, neither open the lid when rotor runs.
- Emergency lid lock release when power failure.(very useful in an unexpected power interruption)
- Automatic troubleshooting with indication of error code and alarm on the screen.
- Produced according to national and international safety regulations (e.g. IEC 61010)
- ISO9001:2008, CE international standards are met.

Specification:

Speed range(rpm)	0-20000rpm adjustable	Max Capacity(ml)	4x100ml
RCF range (xg)	0-27800xg adjustable	Time range	1-99h59minutes adjustable
Speed accuracy	±10r/min	Acceleration/ Deceleration rates	1-- 10
Noise(dBA)	58dB(A)	Display	LCD
Temperature range(°C)	-20°C~+40°C adjustable	Temperature accuracy	±2°C
Dimension(mm)	692L*620W*393H	Net weight(without rotor)	85KGS
Power supply	AC220-240V,50/60HZ,18A,0.8KW		

Rotor List :

NO.1 Fixed rotor		NO.2 Fixed rotor	
 <p>GTL20-MB/12x0.5mlFAR Capacity:12x0.5ml Max speed:20000rpm Max RCF:31061xg</p>	Adapter:12x0.2ml GTL20-MB/12x0.2mlRED	 <p>GTL20-MB/12x2mlFAR Capacity:12x1.5ml/2.2ml Max speed:20000rpm Max RCF:27800xg</p>	Adapter:12x0.2ml GTL20-MB/12x0.2mlRED
NO.3 Fixed rotor		NO.4 Fixed rotor	
 <p>GTL20-MB/24x2mlFAR Capacity:24x1.5ml/2.2ml Max speed:16000rpm Max RCF:23800xg</p>	Adapter:24x0.2/0.5ml GTL20-MB/24x0.2mlRED GTL20-MB/24x0.5mlRED	 <p>GTL20-MB/48x0.5mlFAR Capacity:48x0.5ml Max speed:16000rpm Max RCF:21900xg</p>	Adapter:48x0.2ml GTL20-MB/48x0.2mlRED
NO.5 Fixed rotor		NO.6 Fixed rotor	
 <p>GTL20-MB/10x5mlFAR Capacity:10x5ml Max speed:16000rpm Max RCF:17780xg</p>	Adapter:10x0.2ml	 <p>GTL20-MB/12x10mlFAR Capacity:12x10ml Max speed:15000rpm Max RCF:19910xg</p>	Adapter:12x0.2ml
	Adapter:10x0.5ml		Adapter:12x0.5ml
	Adapter:10x1.5/2.2ml GTL20-MB/10x0.2mlRED GTL20-MB/10x0.5mlRED GTL20-MB/10x2mlRED		Adapter:12x1.5/2.2ml GTL20-MB/12x0.2mlRED GTL20-MB/12x0.5mlRED GTL20-MB/12x2mlRED

NO.7 Fixed rotor			
 GTL20-MB/6x50mlFAR Capacity:6x50ml Max speed:13000rpm Max RCF:18550xg	Adapter:6x0.2ml	Adapter:6x0.5ml	Adapter:6x1.5/2.2ml
	Adapter:6x5ml	Adapter:6x10ml	Adapter:6x15ml
	Adapter:6x20ml	Adapter:6x30ml	All can be custom made
	GTL20-MB/6x0.2mlRED GTL20-MB/6x5mlRED GTL20-MB/6x20mlRED	GTL20-MB/6x0.5mlRED GTL20-MB/6x10mlRED GTL20-MB/6x30mlRED	GTL20-MB/6x2mlRED GTL20-MB/6x15mlRED
NO.8 Fixed rotor			
 GTL20-MB/4x100mlFAR Capacity:4x100ml Max speed:11000rpm Max RCF:13280xg	Adapter:4x0.2ml	Adapter:4x0.5ml	Adapter:4x1.5/2.2ml
	Adapter:4x5ml	Adapter:4x10ml	Adapter:4x15ml
	Adapter:4x20ml	Adapter:4x30ml	Adapter:4x50ml
	GTL20-MB/4x0.2mlRED GTL20-MB/4x5mlRED GTL20-MB/4x20mlRED	GTL20-MB/4x0.5mlRED GTL20-MB/4x10mlRED GTL20-MB/4x30mlRED	GTL20-MB/4x2mlRED GTL20-MB/4x15mlRED GTL20-MB/4x50mlRED
NO.9 Fixed rotor		No.10 Micro-plate bucket rotor	
 GTL20-MB/48x1.5mlFAR Capacity:48x1.5ml Max speed:13000rpm Max RCF:17980xg	Adapter:48x0.2ml GTL20-MB/48x0.2mlRED		GTL20-MB/2x2x96MPR Capacity: 2x2x96holes Max.speed: 4000rpm Max.RCF: 1700xg