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TDL-6M/TDL-5M Benchtop low speed refrigerated centrifuge

Features & Advantages:

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopt Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups,1000 usage records and 1000 fault records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.

- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which can never lost and easy to use

Technique Parameter

Model Number	TDL-6M	TDL-5M
Max Speed	6000r/min	5000 r/min
Max RCF	5200xg	5200 xg
Max Capacity	4x750ml(4000rpm)	
Speed Accuracy	±10 r/min	
Temp Accuracy	±1℃	
Temp Range	-20℃～40℃	
Timer Range	1min~99H59 min/inching	
Noise	≤60 dB（A）	
Power Supply	AC 220V 50HZ 15A	
Dimension	600x680x420(LxWxH)mm	
Weight	108 kg	
Power	1.5 KW	

OSIS Quality & Reliability

Rotor Technical Data:

Rotor		Capacity	Max Speed	Max RCF
NO. 1 Swing-out Rotor		4x100ml	5000rpm	4650xg
		4x50ml		
NO. 2 Swing-out Rotor		32x15ml	4000rpm	2980xg
		8x50ml		
		8x100ml		
		48x2-7ml Vacuum blood collection tube		
		64x2-7ml Vacuum blood collection tube		
NO.3 Swing -out Rotor	4x250ml		5000rpm	5200xg
	Adaptor	8x50ml		
		4x100ml		
		36x10ml		
		40x7ml		
		20x15ml		
NO.3 Swing-out		2x3x96 holes	4000rpm	1970xg

Microplate Rotor				
NO.5 Swing -out Rotor	Round hang cup	4x500ml	4200rpm	3550xg
	Adaptor	12x50ml		
		36x15ml		
		76x7ml Vacuum blood collection tube		
	Swinging bucket rotor	20x50ml		
		40x15ml		
		80x10ml Vacuum blood collection tube		
		112x2-7ml Vacuum blood collection tube		
		100x1.5ml		
	Hang cup	148x5ml RIA tube		
		96x2-7ml Vacuum blood collection tube		
	Microplate	4x2x96 holes		

	rack			
	Conical bottom swing-out rotor	4x250ml	4000rpm	3400xg
NO. 6 Swing-out Rotor		4x750ml	4000rpm	3500xg
Adaptor		12x100ml		
		20x50ml		
		48x15ml		
		96x2-7ml Vacuum Vacuum blood collection tube		
NO. 7 Swing-out Rotor		6x250ml	4000rpm	3580xg
NO. 8 Fixed-angle Rotor (Suitable for TDL-6M)		6x50ml	6000rpm	5120xg
		12x15ml		