



TLD-5M

FLOOR-STANDING LOW-SPEED REFRIGERATED CENTRIFUGE

Introduction

TOP INSTRUMENT Floor-Standing Low-speed Refrigerated Centrifuge is driven by a brushless variable frequency motor, controlled by a microcomputer, with LCD and digital dual-screen display, stainless steel centrifugal chamber, electronic safety door lock, and unbalance protection. Parameters such as speed, centrifugal force, time, temperature, etc. can be changed during operation.

Features

- Touch screen operation, direct digital input for parameter setting, accurate to one digit.
- Intelligent status prompt, real-time display of instrument status.
- 5 sets of multi-speed gradient centrifugation programs can be edited and saved.
- Time display, year, month, day, hour, minute, second, convenient for retrospective use records.

- Two timing modes of hours.minutes and minutes.seconds are available, and two modes of timing and countdown are optional.
- 40 levels of speed can be adjusted, and when the speed drops to 500rpm~0, the curve is used to slow down to prevent the sample from reverberating.
- Speed speed, centrifugal force and temperature curves are displayed on the same screen to monitor the change process and stability of each parameter.
- Password lock function, the user can set a password to lock the parameters of the host or program group.
- Automatic conversion of speed and centrifugal force, displayed on the same screen, no need to convert.
- It has multiple protection functions such as door cover, overspeed, overtemperature, overcurrent, overvoltage, overheating, etc., and the voice and text prompt and display the solution at the same time, which is more stable and reliable.
- Equipped with electronic manual, never lost, easy to use.
- Remote switch on/off is optional.

Technical Parameter

Maximum speed	5000 r/min
Max. RCF	5200*g
Maximum capacity	4*800ml (4000rpm)
Speed accuracy	± 10 r/min
Temperature setting range	-20° C~40° C
Temperature control accuracy	± 1° C
Timing range	1min~99H59 min
Noise	≤ 60dB (A)
Power supply	AC 220V 50HZ 15A
Power	1.8KW
Dimensions	650*550*840(L*W*H)mm
Weight	150kg

Rotor Parameter

Rotor		Capacity	Max. Speed	Max. RCF
No. 1 Horizontal rotor		4*100ml	5000rpm	4650*g
		4*50ml		
No. 2 Horizontal rotor		32*15ml	4000rpm	2980*g
		8*50ml		
		8*100ml		
		48*2~7ml vacuum tube	4000rpm	3100*g
		64*2~7ml vacuum tube		
No. 3 Horizontal rotor	Optional Adapter	4*250ml	5000rpm	5200*g
		8*50ml		
		4*100ml		
		36*10ml		
		40*7ml vacuum tube		
		20*15ml		
No. 4 Enzyme labeled horizontal rotor		2*3*96 holes	4000rpm	1970*g
No. 5 Horizontal rotor	Swinging Round Bucket Rotor	4*500ml	4000rpm	3400*g
	Optional Adapter	16*50ml		
		36*15ml		
		76*2~7ml vacuum tube		
	Swinging Rectangular Bucket Rotor	20*50ml		
		40*15ml		
		80*10ml vacuum tube		
		112*2~7ml vacuum tube		
		100*1.5ml		
	Swinging	148*5ml Release tube		
96*2~7ml vacuum tube				
Enzyme labeling plate rack		4*2*96 holes		
No. 6 Horizontal rotor		4*750ml	4000rpm	3500*g
Optional Adapter	12*100ml			
	20*50ml			
	56*15ml			
	96*2~7ml vacuum tube			
No. 7 Horizontal rotor		6*250ml	4000rpm	3580*g
Optional Adapter	30*15ml			
		60*2~7ml vacuum tube		
No. 8 Horizontal rotor		4*800ml (Rectangular Bucket)	4000rpm	3580*g
Optional Adapter	140*2~7ml vacuum tube			
	56*15ml			
	16*100ml			

Rotor Details

NO.T.04.100H		NO.T.04.050H		NO.T.12.100H	
NO.T.32.015H		NO.T.08.050H		NO.T.20.050H	
NO.T.08.100H		NO.T.48.2.7H		NO.T.56.015H	
NO.T.64.2.7H		NO.T.04.250H		NO.T.96.2.7H	
NO.T.02.03.96H		NO.T.04.500H		NO.T.06.250H	
NO.T.16.050H		NO.T.36.050H		NO.T.30.015H	
NO.T.76.2.7H		NO.T.20.050H		NO.T.60.2.7H	
NO.T.40.015H		NO.T.80.010H		NO.T.04.800H	
NO.T.112.2.7H		NO.T.100.001.5H		NO.T.56.015H	
NO.T.148.005H		NO.T.96.2.7H		NO.T.140.2.7H	
NO.T.04.2.96H		NO.T.04.750H		NO.T.16.100H	