



TDL-6LM

BENCHTOP LOW-SPEED REFRIGERATED CENTRIFUGE

Introduction

TOP INSTRUMENT Benchtop Low-speed Refrigerated Centrifuge adopts brushless frequency conversion motor, microcomputer control; LCD, digital dual-screen display; all-steel body, stainless steel centrifuge chamber; electronic safety door lock, unbalance protection; fluorine-free refrigerant, heating and cooling dual-loop control; RCF can be set and displayed directly, without RPM/RCF conversion; with precise speed control and durability.

Features

- LCD touch screen, the interface is simple and clear, and all parameters are clear at a glance.
- Humanized design, convenient and fast operation, direct digital input for parameter setting, accurate to single digit.
- Intelligent status prompt, real-time display of instrument status.
- Using a three-axis gyroscope to dynamically monitor the balance state throughout the process.
- Large storage space, can store up to 1000 program groups and 1000 usage records. 5 sets of multi-speed gradient centrifugation programs can be edited and saved.
- Time display, year, month, day, hour, minute, second, convenient for tracking and recording.
- Hours. Minutes and Minutes. Seconds are available in two timing modes, and two modes of timing and countdown are optional.
- 40 levels of speed up and down gears, free parking can be set to meet various centrifugal recovery requirements.
- Speed, centrifugal force, and temperature curves are displayed on the same screen during operation, and the relationship between changes can be clearly analyzed.
- PID dynamic temperature control.
- Password lock function, the user can set a password to lock the host or parameters with a password to prevent misuse.
- Automatic conversion of speed and centrifugal force, displayed on the same screen, no conversion required.
- It has 22 kinds of protection functions such as door cover, overspeed, overtemperature, overcurrent, overvoltage, overheating, etc., and the sound and text prompt and display the solution at the same time, which is more stable and reliable.
- Comes with electronic manual, never lost, easy to use.
- Standard ECO energy-saving module.

Technical Parameter

Maximum speed	6000 r/min
Max. RCF	5120*g
Maximum capacity	4*250ml (4000rpm)
Speed accuracy	± 10 r/min
Temperature control accuracy	± 1 ℃
Temperature control range	-20 ℃ ~ 40 ℃
Timing range	1min~99H59 min
Noise	≤ 60db (A)
Power supply	AC 220V 50HZ 15A
Power	1.2kW
Dimensions	640*560*390 (L*W*H) mm
Weight	80 kg

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			
No. 3 Horizontal rotor	4*250ml	4000rpm	2980*g	
	Optional Adapter			8*50ml
				4*100ml
				36*10ml
				40*7ml
				20*15ml
48*2~7ml vacuum tube	4000rpm	3100*g		
64*2~7ml vacuum tube				
No. 4 Enzyme labeled horizontal rotor	2*3*96holes	4000rpm	1970*g	
No. 5 Angle rotor	6*50ml	6000rpm	5120*g	

Rotor Details

NO.T.04.100H		NO.T.08.050H	
NO.T.04.050H		NO.T.08.100H	
NO.T.04.250H		NO.T.02.03.96H	
NO.T.48.2.7H		NO.T.06.050A	
NO.T.64.2.7H		NO.T.12.015A	
NO.T.32.015H			