



TDD-5000

VERTICAL LOW-SPEED HIGH-CAPACITY CENTRIFUGE

Introduction

TOP INSTRUMENT Vertical Low-speed High-capacity Centrifuge is a laboratory instrument used for separating and purifying biological samples such as cells, proteins, and nucleic acids. The vertical design of the centrifuge allows for high-capacity processing of multiple samples at once. It is commonly used in a wide range of applications such as cell culture, protein purification, and molecular biology research.

Features

- Inverter motor drive.
- Dual screen display.
- Stainless steel inner cavity, electronic safety door lock, unbalance protection.
- Automatic fault diagnosis.

- RCF can be set and displayed directly without RPM/RCF conversion.
- Speed and time are displayed in real time, and the parameters can be changed during the operation of the instrument.
- 12 commonly used programs can be stored, and the speed up and down speed can be adjusted in 40 levels.
- Adopt imported well-known brand frequency conversion controller, accurate speed control and durable.
- All-steel body, three-layer protective steel sleeve to ensure safety.
- Using a three-axis gyroscope to dynamically monitor the balance state throughout the process.

Technical Parameter

Maximum speed	5000 r/min
Max. RCF	5200*g
Maximum capacity	4*750ml (4000rpm)
Speed accuracy	± 10 r/min
Timing range	1min~99H59 min
Noise	≤ 60dB (A)
Power supply	AC 220V 50HZ 15A
Power	1.1KW
Dimensions	650*550*840(L*W*H)mm
Weight	135kg

Rotor Parameter

Rotor		Capacity	Max. Speed	Max.RCF
No. 1 Horizontal rotor		4*100ml	5000rpm	4650*g
		4*50ml		
No. 2 Horizontal rotor		8*50ml	4000rpm	2980*g
		8*100ml		
		32*15ml		
No. 3 Horizontal rotor	4*250ml (with windshield)		5000rpm	5200*g
	Optional Adapter	8*50ml		
		4*100ml		
		36*10ml		
		40*7ml vacuum tube		
		20*15ml		
	48*2~7ml vacuum tube	4000rpm	3100*g	
	64*2~7ml vacuum tube			
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-hole sealed cover rotor		
	Swinging Rectangular Bucket Rotor	20*50ml		
		40*15ml		
		80*10ml vacuum tube		
		112*2~7ml vacuum tube		
		100*1.5ml		
Pendant	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			

Rotor Details

NO.T. 04.100H		NO.T. 04.050H		NO.T. 148.005H	
NO.T. 32.015H		NO.T. 08.050H		NO.T. 96.2.7H	
NO.T. 08.100H		NO.T. 04.250H		NO.T. 04.2.96H	
NO.T. 48.2.7H		NO.T. 64.2.7H		NO.T. 04.750H	
NO.T. 02.03.96H		NO.T. 04.500H		NO.T. 12.100H	
NO.T. 16.050H		NO.T. 36.015H		NO.T. 20.050H	
NO.T. 76.2.7H		NO.T. 20.050H		NO.T. 56.015H	
NO.T. 40.015H		NO.T. 80.010H		NO.T. 96.2.7H	
NO.T. 112.2.7H		NO.T. 100.001.5H			