



TD-5Z

MULTI-PIPE LOW SPEED CENTRIFUGE

Introduction

TOP INSTRUMENT Multi-pipe Low Speed Centrifuge is a laboratory instrument used for separating and purifying biological samples such as cells, proteins, and nucleic acids. It is commonly used in a wide range of applications such as clinical diagnostics, pharmaceutical research, and biotechnology. The refrigerated feature ensures that the samples are not damaged by heat during the process.

Features

- Touch buttons; white digital tube display, clear and eye-friendly.
- The program group number, rotor number, speed and time are displayed at the same time.

- All-steel body, 304 stainless steel inner cavity, frequency conversion motor.
- 100 sets of program storage, 20 gears for speed up and down.
- Multi-segment centrifugation/conventional centrifugation mode can be switched arbitrarily; up to 5 multi-segment centrifugation can be set.
- The timing range of centrifugation time is 1s ~ 99h59m59s; hour/minute or minute/second timing can be selected.
- Electronic safety door lock control, chord sound prompts the door opening and closing status.
- RCF can be set and displayed directly without RPM/RCF conversion.
- The speed, centrifugal force, time and other parameters can be changed during operation.
- Automatic fault diagnosis.

Technical Parameter

Maximum speed	5000 r/min
Max. RCF	4650*g
Maximum capacity	8*100ml (4000rpm)
Speed accuracy	± 10 r/min
Timing range	1min~99H59 min
Noise	≤ 60dB (A)
Power supply	AC 220V 50HZ 10A
Power	500W
Dimensions	550*430*350(L*W*H)mm
Weight	40kg

Rotor Parameter

Rotor	Capacity	Maximum speed	Maximum centrifugal force
No. 1 Horizontal rotor	4*100ml	5000rpm	4650*g
	4*50ml	5000rpm	4650*g
No. 2 Horizontal rotor	8*50ml	4000rpm	2980*g
	8*100ml	4000rpm	2980*g
	24*15ml(can be equipped with various vacuum tube adapters)	4000rpm	2980*g
	32*15ml(can be equipped with various vacuum tube adapters)	4000rpm	2980*g
	48*2~7ml vacuum tube	4000rpm	2980*g
No. 3 Enzyme labeled horizontal rotor	2*3*96 holes	4000rpm	1970*g

Rotor Details

NO.T.04.100H		NO.T.04.050H	
NO.T.32.015H		NO.T.24.015H	
NO.T.08.050H		NO.T.08.100H	
NO.T.48.2.7H		NO.T.02.03.96H	