MT-45 Low Speed Centrifuge

Centrifuge Series

Introduction

The Miulab MT-45 Low-Speed Centrifuge is designed for the separation of medical products, blood bank samples, clinical trial samples, blood serum, plasma, body fluids and biological specimens in biology laboratories

Feature

1. The LCD displays the run time and speed, making settings easy to enter and read.
2. Three operating modes are available: short mixing, timed operation from 30 to 59 seconds, and continuous operation.
3. An audible alert sounds when the rotor stops, and the LCD displays the operating information.
4. The speed is adjustable from 300 to 4,500 rpm, with a maximum relative centrifugal force (RCF) of 2,490 × g. The manufacturer describes the speed and timing as highly accurate.
5. Different rotor types are available, including large-capacity options that allow multiple samples to be processed in one run.
6. A high-performance CPU control system supports speed accuracy and operating performance.
7. A high-strength plastic rotor and balancing technology are designed to support quiet, stable operation.
8. A double safety cover and electronic interlock help improve safety during operation.
9. A DC brushless motor accelerates the rotor to the set speed and is described as maintenance-free.
10. The timer starts once the set speed has been reached, helping ensure accurate centrifugation time. A controlled braking curve supports effective centrifugation.

Accessories



MT-A
5ml/7ml x16



MT-B
10ml/15ml x12



MT-C
50ml x6

Parameter

Model	MT-45
Speed Range	300~4500rpm (increment: 100rpm)
Max. RCF	2490xg (increment: 100xg)
Speed Accuracy	±20rpm
Max. Sample Capacity	7ml/5mlx16 or 10ml/15mlx12 or 50mlx6
Time Range	1s~99m59s or continuous
Safety	self-lock, over-speed, status diagnosis system
Working Noise	≤56dB
Acceleration / Deceleration	50s↑ 20s↓
Voltage	AC100~240V, 50/60Hz
Power	120W
Dimension (WxDxH)	W.300 x D.431 x H.178mm
Net weight	17.0kgs

