

Chapter 1 Overview

The MS-CE6000 Medical Centrifuge is a microcomputer-controlled desktop low-speed centrifuge. The instrument is a steel body, multi-layer explosion-proof design, good rigidity and high strength. This instrument adopts a mechanical and electronic double-layer door lock protection system. The centrifuge is only started after the door lock is closed, and the cover can be opened only after the motor brake is completely stopped, making your operation safer and more reliable. This instrument uses a microcomputer processor for precise control, digital display of parameters such as speed, time, etc., has alarm protection functions, and is convenient to operate. This instrument uses a brushless DC motor, simple operation, maintenance-free, fast lifting speed, low noise, and low temperature rise. This instrument can be equipped with a variety of rotors, and various adapters can be designed according to the experimental requirements.

1.1 Major Technical Parameters

Major parameters	Specification
Power supply	AC220V 50Hz
Machine power	800W
Maximum speed	6000r/min
Speed accuracy	±10r/min
Maximum RCF	4387×g
Capacity	4*500ml
Timing range	1min-99h59min
Timing deviation	≤±1%
Loudness of noise	≤65 dB(A)
Environment temperature	5°C~40°C
Host machine size (L×W×H)	500mm*620mm*410mm
Package size (L×W×H)	620mm*740mm*700mm
Net weight	56kg
Gross weight	70kg

1.2 Adapter Rotor

No.	Rotors Type	Volume	Max Speed(r/min)	Max RCF(×g)	Adapters
5M00024	Horizontal rotor	48×2/3/4/5/7ml blood collection tube	4000	2952	