

Table Top Low-Speed Centrifuge



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Introduction

The Table Top Low-Speed Centrifuge is an advanced laboratory device featuring a 5-inch LCD touch screen for intuitive operation, with support for Chinese and English languages, as well as customizable options for minority languages. Designed for real-time display of all parameters, the interface is simple, user-friendly, and glove-friendly, making it ideal for diverse laboratory applications.

Features and Functions

1. Advanced Control System

- Embedded microprocessor control for precision and reliability.
- DC brushless motor drive: maintenance-free, durable, and stable operation.

2. Safety Features

- Electrical lid lock for operator safety.
- Whole metal structure with multi-layer explosion-proof design.
- Integral food-grade silicone sealing ring to prevent aerosol overflow.
- Self-test system with alarms for blocking, overspeed, and overtemperature.

3. User-Friendly Interface

- 5-inch LCD touch screen supporting multi-language options.
- Control panel with touch operation for simple, one-handed, and glove-friendly use.
- Splash-proof foil keyboard.
- Real-time display of preset and actual values.

4. Performance and Flexibility

- Quick acceleration and deceleration rates (20 options available).

- Noise level ? 65 dB, even at maximum speed.
- Pre-selection of speed in rpm and g-force increments of 1.
- Timing range from 1 second to 99 hours, 59 minutes, or continuous operation.
- Storage capacity for up to 100 user-defined programs with easy access to the last used program.

5. Versatility

- Equipped with various angle rotors and adapters for 0.2ml to 300ml centrifuge tubes, ensuring a multi-purpose machine for different requirements.
- Easy rotor removal without the need for tools.
- Suitable for multiple applications with its adaptable design.

Display Functions

- Real-time indication of preset and actual parameters.
- Control panel enables selection of speed in both rpm and g-force.
- Simple operation with splash-proof foil keyboard for laboratory conditions.
- Permanent display of runtime, allowing precise monitoring.
- Quick-key for short-span runs.

Technical Parameters

Specification	Details
Model	MSCLDUM6CSWISS
Max. Speed	200 - 6000 rpm

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Speed Accuracy	±10 rpm
Max. RCF	5111 × g
Max. Volume	8 × 15 ml RB / 4 × 15 ml Falcon
Timing Range	1s - 99h59min / Continuous / Short-span
Noise	? 65 Db
Power Supply	AC220V, 50/60Hz
External Size (L×W×H)	430 × 565 × 410 mm
Package Size (L×W×H)	530 × 665 × 570 mm
Net Weight	43 kg
Gross Weight	52 kg

Rotor Specifications

No.	Rotor Type	Volume	Max. Speed (rpm)	Max. RCF (×g)	Adapters
MS5M00074S WISS	Angle Rotor	8 × 15/20 ml	5000	2655	1.5 ml

This Table Top Low-Speed Centrifuge is designed for efficiency, precision, and operator safety, making it an essential tool for laboratories handling a wide variety of samples. Its flexibility, advanced safety features, and user-friendly interface make it suitable for professionals in the research, medical, and industrial sectors.