Table Top Low-Speed Centrifuge

Model **MSCLDUM6CSWISS** | Brand **Master Science**



Table Top Low Speed Centrifuge

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.

KEY HIGHLIGHTS

- DC brushless motor drive

AT A GLANCE

200 - 6000 rpm MAX. SPEED	**8 × 15 ml RB / 4 × 15 ml Falcon** MAX. VOLUME
AC220V, 50/60Hz POWER SUPPLY	**1s - 99h59min / Continuous / Short-span** TIMING RANGE

Request a Quotation
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Features and Functions

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.

5-INCH LCD TOUCH SCREEN SUPPORTING MULTI-LANGUAGE OPTIONS.

Control panel with touch operation for simple, one-handed, and glove-friendly use.

REAL-TIME DISPLAY OF PRESET AND ACTUAL VALUES.

Quick acceleration and deceleration rates (20 options available).

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.

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.

Technical Specifications

GENERAL

Model	MSCLDUM6CSWISS
Max. Speed	200 - 6000 rpm
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

DIMENSIONS & WEIGHT

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

GENERAL

No.	Rotor Type	Volume	Max. Speed (rpm)	Max. RCF (×g)	Adapters
MS5M00074SWISS	Angle Rotor	8 × 15/20 ml	5000	2655	1.5 ml

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.

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.