Micro High-Speed Centrifuge, Max Speed: 20,500 RPM, Angle Rotor 12 x 1.5/2.0 ml

Model **MSBKCMH20BSWISS** | Brand **Master Science** | Unit **Pc**

Micro High-Speed Centrifuge, Max Speed: 20,500 RPM, Angle Rotor 12 x 1.5/2.0 ml

The micro high-speed centrifuge is a laboratory instrument designed for the rapid separation of micro-samples in fields like biology and chemistry. It uses high-speed rotor rotation to generate powerful centrifugal force, effectively separating solid particles from liquid components.

KEY HIGHLIGHTS

- Digital Display
- Microcomputer Processor Control
- Parameter Modification
- Multi-Stage Shock Absorption
- DC Brushless Motor Drive

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Key Features

Digital Display
Shows real-time RCF value and speed.

Microcomputer Processor Control
Provides precise control over centrifuge operation.

Parameter Modification
Settings can be adjusted during operation.

Multi-Stage Shock Absorption
Reduces vibration during operation.

DC Brushless Motor Drive
Ensures quiet, efficient operation with minimal maintenance.

Automatic Door Lock & Unbalance Protection
Safety features ensure safe and reliable operation.

Additional Information
This centrifuge is ideal for quick and efficient sample separation in biology, chemistry, and other research fields, with applications in synthesis and rapid analysis of trace samples. The optional rotors provide versatility, allowing for varying sample volumes and configurations.

Technical Specifications

PARAMETER	SPECIFICATION
Storage Capacity	Can store up to 20 different procedures for quick recall.
Max Speed	20,500 RPM, Angle Rotor No. 1: 12 x 1.5/2.0 ml
Max RCF (Relative Centrifugal Force)	29,200 × g, , Angle Rotor No. 1: 12 x 1.5/2.0 ml
Max Capacity	Angle Rotor No.7 6 x 50 ml 13,000
Speed Precision	±1% or ±20 RPM
Time Range	1 second to 999 minutes
Power Supply	Standard AC220V, 50/60Hz
Power Consumption	600 watts
Noise Level	≤65 dB(A)
External Size (LWH)	521 x 346 x 283 mm
Speed Control	10 levels of speed-up and speed-down control for optimized performance.

Standard Accessories Included

- Angle Rotor: No.: No.1
- Capacity: 12 x 1.5/2.0 ml
- Max Speed (RPM): 20,500
- Max RCF (× g): 29,200
- Angle Rotor: No.: No.2
- Capacity: 24 x 1.5/2.0 ml
- Max Speed (RPM): 16,000
- Max RCF (× g): 23,400
- Angle Rotor: No.: No.3
- Capacity: 30 x 1.5/2.0 ml
- Max Speed (RPM): 13,500
- Max RCF (× g): 19,340
- Angle Rotor: No.: No.4
- Capacity: 48 x 1.5/2.0 ml
- Max Speed (RPM): 13,000
- Max RCF (× g): 17,930
- Angle Rotor: No.: No.5
- Capacity: 12 x 10 ml
- Max Speed (RPM): 14,000
- Max RCF (× g): 19,760
- Angle Rotor: No.: No.6
- Capacity: 30 x 0.5 ml
- Max Speed (RPM): 15,000
- Max RCF (× g): 18,510
- Angle Rotor: No.: No.7
- Capacity: 6 x 50 ml
- Max Speed (RPM): 13,000
- Max RCF (× g): 18,840