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

**Micro High-Speed Centrifuge (Model: MSBKCMH20BSWISS)**:

**Product Overview:**

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 Features:**

1. **Digital Display:** Shows real-time RCF value and speed.
2. **Microcomputer Processor Control:** Provides precise control over centrifuge operation.
3. **Parameter Modification:** Settings can be adjusted during operation.
4. **Multi-Stage Shock Absorption:** Reduces vibration during operation.
5. **DC Brushless Motor Drive:** Ensures quiet, efficient operation with minimal maintenance.


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6. **Automatic Door Lock & Unbalance Protection:** Safety features ensure safe and reliable operation.
7. **Speed Control:** 10 levels of speed-up and speed-down control for optimized performance.
8. **Storage Capacity:** Can store up to 20 different procedures for quick recall.

**Technical Specifications:**

- **Model:** MSBKCMH20BSWISS
- **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 (L*W*H):** 521 x 346 x 283 mm

**Optional Rotors:**

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

**Applications:**

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.


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