# Viscometer, Measuring Range (mPa.s): 1 ~ 20,000,000

Model **MSLCHNDJ8SSWISS** | Brand **Master Science** | Unit **Pc**




Viscometer: Model MSLCHNDJ8SSWISS Package Includes: Viscometer with spindle set Standard stand Power cable Specifications: Model: MSMDIOEK9TSWISS Control/Display Mode: 5-inch color touch screen Speed (r/min): 0.1 / 0.3 / 0.6 / 1.5 / 3 / 6 / 12 / 30 / 60 Measuring Range (mPa.s): 1 ~ 20,000,000 Rotor Options: 1, 2, 3, 4 Measurement Error (Newtonian liquid): ±1% Repetitive Error (Newtonian liquid): ±0.5% Timing Function: Standard Temperature Measurement Function: Interface...

KEY HIGHLIGHTS

- Constant Temperature Parts
- Advanced ARM Technology
- Accurate Viscosity Testing
- Rich Data Display
- Comprehensive Functionality

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## Key Features

Data and curve printouts (print interface included, printer optional)

**Constant Temperature Parts**
Optional (e.g., constant temperature bath, thermostatic cup)

**Advanced ARM Technology**
Built-in Linux system with a user-friendly interface for easy test setup and data management.

**Accurate Viscosity Testing**
Computer-aided calibration ensures high precision and low error rates.

**Rich Data Display**
Shows viscosity, temperature, shear rate, shear stress, overflow alarms, and other key parameters.

**Comprehensive Functionality**
Includes timing measurements, self-built programs, real-time data storage, and viscosity curve visualization.

**User Convenience**
Intuitive level adjustment and real-time data printing options.

## Technical Specifications

| PARAMETER | SPECIFICATION |
|---|---|
| Control/Display Mode | 5-inch color touch screen |
| Speed (r/min) | 0.1 / 0.3 / 0.6 / 1.5 / 3 / 6 / 12 / 30 / 60 |
| Measuring Range (mPa.s) | 1 ~ 20,000,000 |
| Rotor Options | 1, 2, 3, 4 |
| Measurement Error (Newtonian liquid) | ±1% |
| Repetitive Error (Newtonian liquid) | ±0.5% |
| Timing Function | Standard |
| Temperature Measurement Function | Interface available for temperature sensor (optional) |
| Shear/Shear Rate Display | Standard |
| Automatic Kinematic Viscosity Display | Requires input of sample density |
| Viscosity Curve Display | Real-time |
| Power Supply | Wide working voltage (110 V / 60 Hz or 220 V / 50 Hz) |
| Dimensions (mm) | 300 × 300 × 450 |
| Automatic Scanning Function | Automatically scans and recommends optimal rotor and speed combinations |
| Self-built Measurement Program | Supports up to 30 saved groups (including rotor, speed, temperature, time, etc.) |
| Saved Measurement Results | Up to 30 sets of data, including viscosity, temperature, speed, shear rate, shear stress, time, and density |
| Data Output Interface | Standard |

## Standard Accessories Included

- Viscometer with spindle set
- Standard stand
- Power cable

## Optional Accessories

- Temperature probe
- Constant temperature bath
- Thermostatic cup
- Printer
- Standard viscosity sample (silicone oil)
- This viscometer is a highly versatile and precise instrument, making it ideal for measuring a broad range of viscosities in both industrial and laboratory applications.