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

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

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

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.