

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



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):** $\pm 1\%$
- **Repetitive Error (Newtonian liquid):** $\pm 0.5\%$
- **Timing Function:** Standard
- **Temperature Measurement Function:** Interface available for temperature sensor (optional)
- **Automatic Scanning Function:** Automatically scans and recommends optimal rotor and speed combinations
- **Shear/Shear Rate Display:** Standard
- **Automatic Kinematic Viscosity Display:** Requires input of sample density
- **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
- **Viscosity Curve Display:** Real-time
- **Print Capability:** Data and curve printouts (print interface included, printer optional)
- **Data Output Interface:** Standard
- **Constant Temperature Parts:** Optional (e.g., constant temperature bath, thermostatic cup)
- **Power Supply:** Wide working voltage (110 V / 60 Hz or 220 V / 50 Hz)

- **Dimensions (mm):** 300 × 300 × 450

Features:

- **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.

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**.

