

Rotational Viscometer with Digital Display

This rotational viscometer is a precision instrument engineered for measuring the viscosity of fluids. It features a digital display, multiple spindle options, and a stable base to ensure accuracy across diverse applications.



Product Overview

Precision Viscosity Measurement

This rotational viscometer is designed to determine the absolute viscosity of Newtonian liquids and the apparent viscosity of non-Newtonian liquids. It utilizes advanced mechanical design and microprocessor control to deliver wide-range viscosity measurements with high precision. Ideal for industries such as petrochemical, pharmaceutical, and chemical, it features an ultra-bright LCD display and intelligent stepless speed regulation for streamlined operation.

Performance Metrics

Measurement Range

0.1 mPa·s

Min Range

6000000 mPa·s

Max Range

Measurement Error

2 % (F·S)

Spindle Speed

0.1 to 100 RPM (stepless regulation)

Technical Specifications

Included Spindles	4 units
Power Supply	AC 220V ±10%, 50 Hz ±10%
Connectivity & Output	RS232 Port, Micro-printer

Operating Environment

Ambient Temperature	5°C to 35°C
Max Relative Humidity	80 %

Applications

Compatible Materials

- Latex
- Oils
- Chemical reagents
- Photosensitive resin
- Paraffin
- Inks
- Rubber solution

Compatible Industries

Petrochemical, Pharmaceutical, Cosmetic, Chemical