

NDJ-S Series

Rotational Viscometer



Product Overview

The NDJ-S Series Rotational Viscometer integrate advanced mechanical design, precision manufacturing, and microprocessor control technology. Equipped with a high-resolution LCD display, these instruments ensure accurate data acquisition, clear visualization, and comprehensive functionality. Ideal for viscosity measurement, they offer high sensitivity, reliable results, and an ergonomic design.



Product Features

- > The rotor is made of high-grade 304 stainless steel with a precision finish.
- > Bilingual Interface: Switch between Chinese and English display.
- > The lifting system utilizes a helical rack and pinion mechanism for smooth vertical spindle movement.
- > A universal joint is integrated into the rotor connection interface to enhance flexibility and alignment accuracy.
- > Features a full aluminum alloy housing for durability, paired with a high-resolution LCD display that delivers clear data visualization.
- > An internal synchronized damping system minimizes vibration and noise during operation.
- > Equipped with a temperature sensor interface to detect sample temperature in real time.



Technical Parameters

Model	LC-NDJ-5S	LC-NDJ-8S	LC-NDJ-5S Pro	LC-NDJ-8S Pro
Power Supply	AC 220V±10, 50Hz±10%	AC 220V±10, 50Hz±10%	AC 220V±10, 50Hz±10%	AC 220V±10, 50Hz±10%
Power	5W	5W	5W	5W
Display Mode	3.2 inch LCD display	3.2 inch LCD display	3.2 inch LCD display	3.2 inch LCD display
Measurement Range	1~ 1×10 ⁵ mPa·s	1~ 2×10 ⁶ mPa·s	1~ 1×10 ⁵ mPa·s	1~ 2×10 ⁶ mPa·s
Spindle Specifications	No.1-4 (Optional: No.0 Spindle)	No.1-4 (Optional: No.0 Spindle)	No.1-4 (Optional: No.0 Spindle)	No.1-4 (Optional: No.0 Spindle)
Spindle Speed Setting	6/12/30/60r/min	0.3/0.6/1.5/3/6/12/30/60r/min	6/12/30/60r/min	0.3/0.6/1.5/3/6/12/30/60r/min
Measurement Accuracy	±2% (Newtonian Fluid)	±2% (Newtonian Fluid)	±2% (Newtonian Fluid)	±2% (Newtonian Fluid)
Repeatability Error	±1% (Newtonian Fluid)	±1% (Newtonian Fluid)	±1% (Newtonian Fluid)	±1% (Newtonian Fluid)
Temperature Accuracy	/	/	±0.2°C	±0.2°C
RS232 Interface	Optional	Optional	Optional	Optional
Timer Function	Standard (switchable timed/untimed modes)			
Net Weight	4kg	4kg	4kg	4kg
Product Dimensions	276×270×500mm	276×270×500mm	276×270×500mm	276×270×500mm