Digital Rotary Viscometer

20 - 2 x 1000000 mPa.s

16-bit Microprocessor Core Control Circuit

100-240V Voltage for Most Countries

NDJ Series viscometer is a digital display viscometer by adopting the high accuracy driven step-motor and 16 bit micro-computer control processor with a LCD night visual display, the said meter is stable and accurate in motion, definitude in key demonstration programmable in design, easy for operation.

The display directly demonstrates the viscosity, rotating speed, rotor number and the maximum viscosity measured for the rotor selected for the current rotating speed .

The main controlling board, subsection driven board are all manufactured by adopting the Surface Mount Technology (SMT), the circuit is adopted by the microprocessor that is most advance at present, with compact and reasonable structure.

LCD DISPLAY SCREEN

- SPL3 stands for spindle L3.
- 4000.0mPa·s stands for the max viscous value measured under the current rotating speed for the selected spindle.
- 0.0% stands for the mark of percentage meter, or called wresting square. The mark of the percentage meter between 20% and 90% is regarded as normal figures. The viscosity meter will alarm if it beyound this figures. As result, the user will change the rotating speed and spindle.

ROTOR PROTECTOR

- 304 stainless steel.
- Rotor protector and rotor are of the same material.

LIFTING SHAFT

- Lift the motor shafe slightly with left hand and hold it firmly, then hold the upper part of the spindle with right hand and screw clockwise (from a top view) the spindle and the motor shaft to fix it.

ADJUSTABLE FOOTPAD

- Adjustable rubber footpad can adapt to uneven desktop, footpad can be replaced.
- Adjust the footpad so that the horizontal bubbles at the top are in the middle, so that the rotor is in the center, and reduce the test error.


Paint


Adhesive


Cosmetics


Medicine


Grease

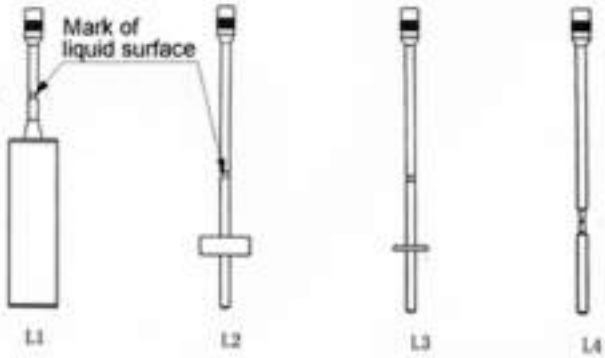

Food

Product introduction

The instrument was designed and manufactured with 4 rotors (1#, 2#, 3#, 4#) and 8 different velocity (0.3, 0.6, 1.5, 3, 6,12,30,60 rpm), which enable it to measure any viscosity value in the given range

rotor / range / velocity	1	2	3	4
0.3	$2x10^4$	$10x10^4$	$40x10^4$	$200x10^4$
0.6	$1x10^4$	$5x10^4$	$20x10^4$	$100x10^4$
1.5	$4x10^3$	$2x10^4$	$8x10^4$	$40x10^4$
3	$2x10^3$	$1x10^3$	$4x10^4$	$20x10^4$
6	$1x10^3$	$5x10^3$	$2x10^4$	$10x10^4$
12	500	$2.5x10^3$	$1x10^4$	$5x10^4$
30	200	$1x10^3$	$4x10^3$	$2x10^4$
60	100	500	$2x10^3$	$1x10^4$

➤ Spindles



Selecta Lab
Laboratory Supplies

	NDJ-8S Viscometer	NDJ-5S Viscometer	NDJ-9S Viscometer	NDJ-5S Viscometer	NDJ-1 Viscometer
Range	20-2,000,000mPa.s	10-100,000mPa.s	10-100,000mPa.s	10-100,000mPa.s	10-100,000mPa.s
Rotor	1#2#3#4#	1#2#3#4#	1#2#3#4#	1#2#3#4#	1#2#3#4#
Voltage	100-240V	100-240V	110V/220V	110V/220V	220V with 110V voltage transformer
Error	±1%	±2%	±2%	±3%	±5%
Reading	Digital display	Digital display	Digital display	Digital display	Pointer
Temperature probe	Buy extra	Buy extra	✓		