

Touch Screen Rotary Viscometer

T series rotary viscosimeter perfect blend in touch screen technology, with a kind of fashion of modern high technology to measure the viscosity of rapid, accurate, convenient. Powerful, liquid crystal display (LCD) viscometer is far from before.

Self-built 30 groups of test program to help users to quickly and accurately obtain the viscosity and the related data of the sample. 5 inches large color touch screen can be comprehensive, vividly show various parameters and working conditions. With measuring parameters, display more rich in content, operation is convenient, intuitive, high measurement precision, reading speed stability, strong anti-jamming ability, wide working voltage and other obvious advantages. Can completely replace similar imported equipment, leading the new trend of science and technology of domestic viscometer.

Main features:

I. the ARM technology, built-in Linux system. Simple operation interface, through the test program to create and data

Viscosity test analysis, quickly and easily;

II. Viscosity measurement value accurately, each range with computer automatic calibration and high precision, small error;

III. Shows rich content: in addition to viscosity, and temperature, shear rate, shear stress, the measured value of full range value percentage (graphics), the overflow alarm, automatic scanning, the rotor speed under the combination of maximum measuring range, date, time, etc. And in the case of the known density kinematic viscosity, greatly meet the measurement requirement of the user;

IV. The function is all ready, but timing measurement, self-built 30 test program, access 30 group measurement data, the viscosity curve, print data and curve in real time, etc.;

V. lead level, the level adjustment intuitive convenient;

VI. Optional temperature probe, viscometer constant temperature bath, thermostatic cup, printer, standard viscosity sample (standard silicone oil), etc.;

VII. The operating system in English and Chinese.

Widely used in the need to measure the viscosity of fluid and fluid under high temperature and melting. Include paint, coatings, cosmetics, printing ink, paper pulp, food, oil, latex, starch, solvent-based adhesives, biochemical products, etc.

Spec:

Model	SNB-1T	SNB-2T
Control/display mode	5 inches color touch screen	
speed(r/min)	0.3/0.6/1.5/3/6/12/30/60	0.1/0.3/0.6/1.5/3/6/12/30/60
Measuring range mPa.s	1~2,000,000	1~6,000,000
	(Measuring 10 under low viscosity, equipped with 0 # rotor)	
rotor	1, 2, 3, 4#(standard) 0#(Optional)	
Measurement error (Newtonian liquid)	±1%	
Repetitive error (Newtonian liquid)	±0. 5%	
Timing function	standard	
Temperature measurement function	The standard temperature sensor interface temperature sensor (selected)	
Automatic scanning function	Automatic scanning and recommend the best combination of rotor and speed	
According to maximum measuring range	Combination of rotor and speed automatically according to the selected viscosity range can be measured	
Should show shear/shear rate	standard	
Automatic display kinematic viscosity	Need to input the density of the sample	
Self-built measurement program	Can save up to 30 groups (including the rotor, rotational speed, temperature, time, etc.)	
Save the measurement results	Can save up to 30 sets of data (including viscosity, temperature, rotating speed of rotor, and the shear rate, Shear stress, time, density, kinematic viscosity, etc.)	
Viscosity curve	Real-time display viscosity curve	
print	Data, curve can print (standard equipped with print interface, to choose and buy a printer)	
Data output interface	standard	
Constant temperature parts	Option (viscometer constant temperature trough, thermostatic cup, etc.)	
Working power supply	Wide working voltage (110 v / 60 hz or 220 v / 50 hz)	
Overall dimensions	300 × 300 × 450(mm)	



Optional accessories:

Option:

1. ultra low viscosity adapter (0# rotor)

A set of three pieces (rotor, sample bucket, connecting frame) Used to measure ultra-low viscosity samples below 15mPa.S

The amount of sample required for each measurement is 18-20ml

The accuracy of measurement is 0.1mPa.S



2. Temperature probe (temperature sensor)

High precision temperature measuring chip with A/D conversion

Measuring range: 0 - 100

Measurement accuracy: 0.1

3. Micro thermal printer

Can be directly connected with the viscometer print data

Print curve



4. Viscometer special thermostatic bath

Temperature range: -5 to 100

Temperature control precision: 0.1



Model: CH1006N:

Temperature control range: room temperature

plus 10 degrees Celsius to 100 degrees C

Temperature control precision: 0.1

The circular opening can be placed 200ml beaker, direct measurement of viscosity. The outer loop has the function of constant temperature cup can also be controlled constant temperature liquid lead to external, to meet different test requirements.

