

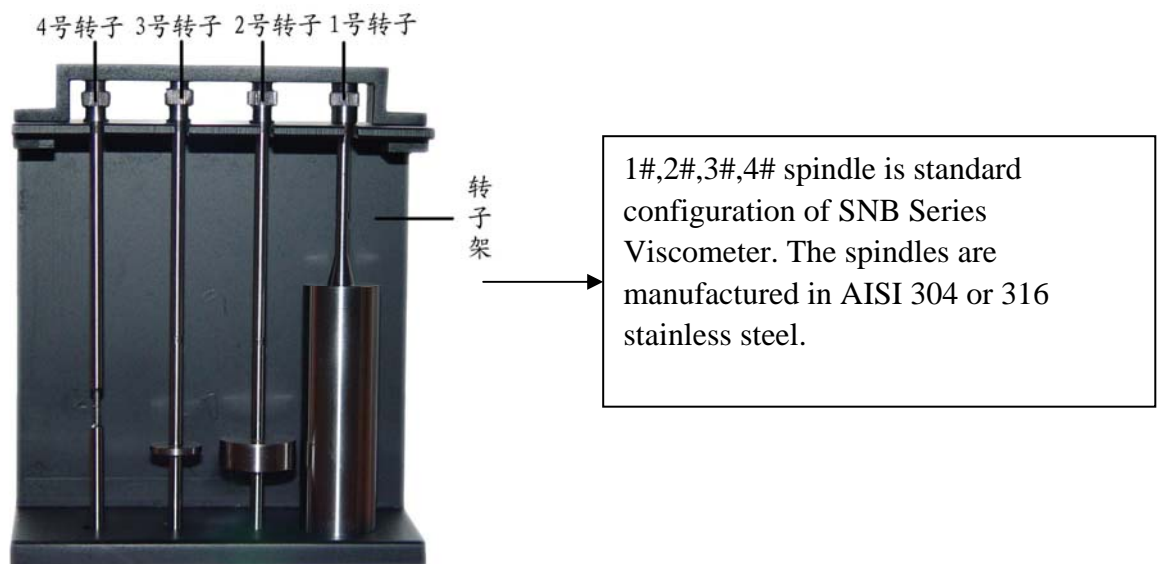
SNB Series Rotational Viscometer

Viscosity measurement without limits



STANDARDS CONFIGURATION

The design of the standard spindles and the measurement principles of viscometers are as described in ISO 2555 and ISO 1652 standards.



FEATURES

- Direct readout of all measurement parameters on an illuminated Liquid Crystal Display.
- Data on screen:

- Speed selected: r.p.m.
 - Spindle selected: S.P.
 - Viscosity reading: cP (mPa-s)
 - Percentage of full scale: %
 - Sample temperature: °C
- Temperature determined by PT100 probe
 - Viscosity reading: dynamic viscosity (cP or mPa-s)
 - The viscometer and the PT100 can be calibrated by the user.
 - Auto range function to determine the maximum viscosity with each spindle/speed combination.
 - It can work with a micro printer.
 - Ultra-sensitive front keyboard that allows easy input of all parameters.
 - "ERROR" message in the screen with sound alarm when the viscosity of the test material exceeds the full scale of the selected combination (SP/r.p.m.)
 - Sound alarm if the equipment is working at under 20% of selected full scale.
 - The viscometer is equipped with many pre-sets speeds, from 0.1 to 100 r.p.m.
 - Safety protection against sudden rises in the power supply.
 - English language options.
 - Direct reading in cP (mPa-s).

SPECIFICATIONS	
Accuracy	± 1% of the full scale.
Resolution	<ul style="list-style-type: none"> • Using LCP (Low Viscosity Adapter): 0.01 • When viscosity is lower than 10,000 cP: 0.1 • When viscosity is equal or higher than 10,000 cP: 1
Repeatability	0.2%
Temperature ranges	<ul style="list-style-type: none"> • from 0.0 °C to + 100.0 °C
Resolution	0.1 °C
Accuracy	±0.1°C
Type of probe	PT 100
Outputs	RS232, micro printer.
Net weight	4 kg.
All models are supplied with 85/265 VAC	

Model	Measuring range	Fixed speeds in r.p.m.
SNB-1	10 - 600,000 cP	1-60(nonpolar shift)

SNB-2	10-6,000,000cP	0.1-99.9
SNB-3	10-80,000,000cP	0.1-99.9
SNB-AI	10 - 1,000,000cP	0.1-200.0

ACCESSORIES



Micro Printer. Time to print measure information, including temperature, rotation speed, spindle, torque, viscosity.



Super low viscosity adapter(0# spindle).measure range:1cp-10cp.
Small sample size:25ml



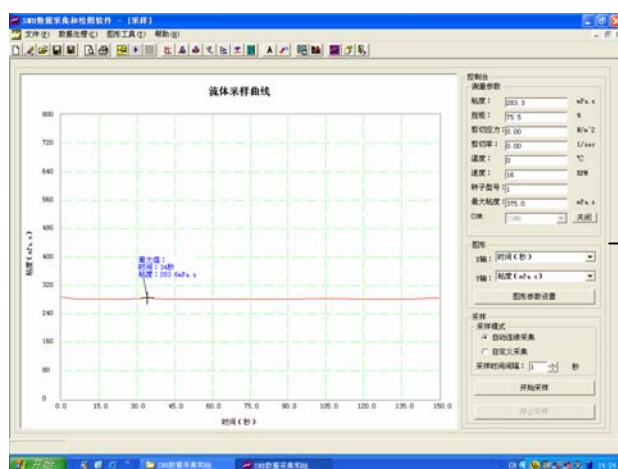
RTD temperature probe, temperature display range:0 C-100 C.



Small sample adapter.sample volume only from 5ml to 20ml.SC21,SC27,SC28,SC29 four spindles is configured...



Thermosel for elevated temperature testing.The temperature can be used from environment temperature+10℃ to 250℃. SC21,SC27,SC28,SC29 four spindles is configured..



SNB Series viscometer can select SNBGather software to automate collect data,save data,compare many history curves. Data can be saved as SNB file or exported to Excel format.