

high temperature visco meter

The high temperature viscometer adopts coaxial center structure, uses the small quantity sample adapter, each measurement needs the sample quantity to be very small, the temperature control is quick and accurate. Full range, all stop linearity through the PC interface, with different viscosity of standard samples for measurement correction, to ensure that the instrument has high accuracy and repeatability. Wide range of measurements suitable for testing of different materials.



Main features:

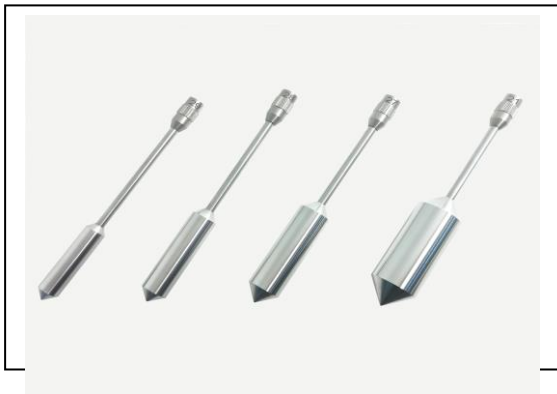
1. horizontal bubble front, sitting adjustment level can be very convenient.
2. have timing measurement function. Most of the samples we measured were typical non-Newtonian liquids with viscosity other than temperature and shear. In addition to the rate, it is also related to the length of the measurement. To make the measured data comparable, the measured time must be consistent.
3. the display accuracy of the measured data is two decimal places.
4. measurement data is displayed directly on the LCD screen without secondary calculation;
5. use small sample adapters, the amount of samples required for testing is very small, usually only 15-20 ml;
6. temperature range: room temperature plus 10°C-250°C (optional 300 heating furnace);
7. viscometer with RS232 interface can be directly connected to the micro printer.

Detailed technical parameters:

model	RV-SSR-H (NDJ-1C)	HA-SSR-H	HB-SSR-H (NDJ-1F)
display	liquid-crystal display		
Speed (r/min)	0.5/1/2/2.5/4/5/10/15/20/25/30/40/50/60/70/80/90/100 total 18 speeds		
rotor	21,27,28,29 (standard configuration) Rotor No .0(optional)		
measuring range (mPa.s)	6.4 - 2M 0# Rotor: 6.4-1000 21# rotor: 50-100K 27# Rotor: 250-500K 28# Rotor: 500-1M 29# Rotor: 1K-2M	12.8 - 4M 0# Rotor: 12.8-1K 21# Rotor: 100-200K 27# Rotor: 500-1M 28# Rotor: 1K-2M 29# Rotor: 2K-4M	51.2 - 16M 0# Rotor: 51.2-2K 21# Rotor: 400-8M 27# Rotor: 2K-4M 28# Rotor: 4K-8M 29# Rotor: 8K-16M
	K = 1,000; M=1,000,000		
Test error	±3% (Newtonian liquid)		

repetitive error	±1.5% (Newtonian liquid)
Temperature control range	Room temperature plus 10°C-250°C (300°C optional)
Temperature control accuracy	0.1°C
Print interface	Optional

Our company also has a number of stepless speed control touch screen high temperature viscometer (right image), the maximum range of 80 million, optional data software, showing shear rate and viscosity rheological curve



Standard configuration:

main engine	1	rotor	21,27,28,29
Sample containers	2	manual of operation	11
temperature regulating device	1	furnace	1