



VISCO900 Digital Touch Screen Rotational Brookfield Viscometer



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Catalogue



Introduction

Perfect integration of touch-screen technology, fast, accurate, easy to measure viscosity. Stepless debugging, can measure super high viscosity of the sample. 5-inch color touch screen can be comprehensive, visual display of a variety of parameters and working conditions. It has many advantages, such as many measuring parameters, rich display content, convenient operation, intuitive reading, high measuring precision, stable rotational speed, strong anti-interference performance, showing the curve of shear rate and viscosity, and so on.

Main Features

- Adopt ARM technology, built-in Linux system. The operation interface is simple and clear, through the creation of test program and data analysis, the viscosity test is carried out quickly and conveniently.
- The viscosity test value is accurate : each measuring range is automatically calibrated by a computer , the precision is high , and the error is small ;
- Display is rich: in addition to viscosity (dynamic viscosity and kinematic viscosity), there are also temperature, shear rate, shear stress, measurement value as a percentage of the full range value (graphic display, range overflow alarm, automatic scanning, Maximum measurement range, date, time and so on under current rotor speed combination. Show kinematic viscosity when density is known.
- Complete functions: timing measurement, self-built 30 groups of test programs, access to 30 groups of measurement data, real-time display of viscosity curves, printing data and curves;
- Front level: level adjustment is intuitionistic and convenient;
- Stepless speed regulation
- Showing the curve of shear rate versus viscosity : the range of shear rate can be set , and displayed on the computer in real time ;Curve of time - to - viscosity can also be displayed
- Standard Pt100 temperature probe: wide temperature range, ranging from -20 °C to 300 °C, and measuring precision 0.1 °C;
- Optional accessories rich: R1 rotor, temperature sensor, viscometer special thermostat bath, thermostat cup, printer, standard viscosity sample (standard silicone oil), etc.;
- The measurable range is very large, ranging from 100 to 320 million MPA.

Widely used in paint, paint, cosmetics, ink, pulp, food, oil, starch, solvent adhesive, latex, biochemical products and other high viscosity industries.



Automatic Scanning Function

Automatically recommend the best combination for rotor and rotate speed, easy operation, accurate testing result



5 inch LCD Color Touch Screen

To input data, read and display curve,



Temperature measuring probe

Pt100 temperature probe provide measurement 20 °C to 300 °C /0,1°C



Optional professional software

To acquiring and process data, storage,



Optional accessories

Temperature stability water bath, printer,...

Viscometer Type	VISCO500	VISVO900E	VISCO900S
PRICE			
Control /Display mode	5 inches color touch screen		
Speed	6/12/30/60		0.3/0.6/1.5/3/6/12/30/60
Rotors - Spindle	1 - 4# rotors (standard);0# rotors(optional)		
Sample volume	500ml		
Measuring range mPa.s	1-100.000	1-2.000.000	
Measuring error (Newtonian liquid)	±1%	±0,5%	±1%
Repetition error (Newtonian liquid)	±0.5%	±0.25%	±0.5%
Display viscosity curve	shear rate – viscosity, Temperature-viscosity, Time-viscosity		
Kinematic viscosity	Density of sample to be input		
Temperature measurement	Pt100 A class as a standard other prove according customer needs		
Auto scan	Automatically scan and recommend the best combination of rotor and speed		
Maximum measurement range	Automatic display of the selected combination of rotors and rotational speeds in a measurable range of viscosity		
Self-built measurement program	Save up to 30 groups (including rotor, speed, temperature, time, etc.)		
Preservation of measurement results	Up to 30 sets of data can be stored (including viscosity, temperature, rotor speed, shear rate, shear stress, time, density, kinematic viscosity, etc.)		
Print	Data, curves (marked with print interface, printer to be purchased)		
Data output interface	RS232		
Constant temperature component	Selection (all kinds of viscometer special constant temperature slot, constant temperature cup water baths (optional)		
Power supply	220V±10% 50Hz		
Instrument dimension	300*300*450		



6 spindles – Rotors included
R1 is optional



Temperature Probe Pt100 – -20°C to 300°C/0,1°C

Please note
If this Viscometer does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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