



T Series Touch Screen Viscometer

This series of instrument can be extensively used in measuring the viscosity of solvent adhesive, emulsion, biochemical product, paint, cosmetics, ink, paper pulp and food, etc.

Feature

- ① ARM technology, built-in Linux system. The operation interface is simple and clear, and the viscosity test is performed quickly and conveniently through the creation of test programs and data analysis;
- ② Accurate viscosity measurement: each range is automatically calibrated by computer with high precision and small error;
- ③ Rich display: in addition to viscosity (dynamic viscosity and kinematic viscosity), temperature, shear rate, shear stress, measured value as a percentage of full scale value (graphic display), range overflow alarm, automatic scan, current rotor speed combination The viscosity measurement range, date, time, etc. The kinematic viscosity can be displayed at a known density to meet different measurement requirements of the user;



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- ④ Full-featured: timed measurement, self-built 30 sets of test procedures, access to 30 sets of measurement data, real-time display of viscosity curves, print data and curves, etc.
- ⑤ Front level: horizontal adjustment is intuitive and convenient;
- ⑥ Stepless speed regulation: RV1T series: 0.3-100 revolutions, a total of 998 speeds
RV2T series: 0.1-200 revolutions, a total of 200 speeds;
- ⑦ Shows the shear rate vs. viscosity curve: displayed in real time on a computer, also showing the time or temperature vs. viscosity curve;
- ⑧ Optional Pt100 temperature probe: wide temperature range, from -20 to 300°C, temperature measurement accuracy of 0.1°C;
- ⑨ A wide range of optional accessories: special thermostatic bath for viscometer, thermostatic cup, printer, standard viscosity sample (standard silicone oil), etc.
- ⑩ Chinese and English operating systems;

The DV1T/DV2T series stepless speed-adjustable touch-screen rotary viscometer can measure a very wide range from 10 mPa.S to 320 million mPa.S, covering almost all samples. The R-series disc rotor can be used in the same way as the same type of viscometer from Brookfield;



Main Technical Parameters

Model	Measuring range (mPa.s/cp)	Measuring accuracy (full range)	Standard rotors	Rotating speed	Optional accessories
NDJ5T NDJ-9T	1* - 100,000	±1%	1、2、 3、4	6、12、30、60	Thermostatic bath, jacket cup, high temperature heating oven, temperature sensor, portable printer, standard viscosity fluid, minor sample adaptor rotor, ultra-low viscosity adaptor rotor (rotor #0), rotor R1, software. Optional accessories are chosen as per the viscometer model, as they are not applicable for all models.
NDJ-8T	1* - 2,000,000	±1%	1、2、 3、4	0.3、0.6、1.5、3、 6、12、30、60	
LVDV-1T	1* - 2,000,000	±1%	1、2、 3、4	0.3、0.5、0.6、1、 1.5、2、2.5、3、4、 5、6、10、12、20、 30、50、60、100	
RVDV-1T	100** - 13,000,000	±1%	R2、R3、 R4、R5、 R6、R7	0.3~100 stepless speed change, 998 optional rotating speed steps	
HADV-1T	200** - 26,000,000	±1%			
HBDV-1T	800** - 104,000,000	±1%			
RVDV-2T	100** - 40,000,000	±1%			
HADV-2T	200** - 80,000,000	±1%		0.1~200 stepless speed change, 2000 optional rotating speed steps	
HBDV-2T	800** - 320,000,000	±1%			

※ 1*cp, the low limit reachable with rotor #0 / ** the lower limit reachable with rotor R1;

※ Unit conversion: 1Pa.s=1000mPa.S, 1P=100mPa.S, 1cp=1mPa.S

Environmental conditions:

Ambient temperature: 5°C ~ 35°C (recommended temperature: 20°C)

Relative humidity: ≤80%

Power supply: AC100~240V (50/60Hz)