

Rheometer



Application:

Used for measuring rheological properties of glue, latex, solvent-based adhesives, polymer solutions, petroleum, paint coatings, solvents, cosmetics, milk products, pharmaceuticals, fruit juices, etc.

Features:

- * 7 inch touch screen, rich information and easy to operate.
- * DV Software(optional): record flow profile.
- * Shear rate and shear stress displayed.
- * Continuous viscosity testing.
- * Variety of viscosity units.
- * Auto switch between dynamic and kinematic viscosity.
- * Support infinitely variable speed measurement of viscosity.
- * Built-in RTD temperature probe.
- * Password protected temperature and viscosity correction coefficient.
- * Sound alarm when beyond measurement range.

Technical Parameters:

Model	NTV-P3L	NTV-P3R	NTV-P3HA	NTV-P3HB
Measured Range (mPa·s)	0.5~6M	100~40M	200~80M	800~320M
Rotation Speed (rpm)	0.1~250			
Number of Spindle	Standard: 4types (no.1~4) Optional: 1type (no.0)	Standard: 6types (no.2~7) Optional: 2types (no.0~1)		
Measurement Accuracy	±1.0% (FS)			
Repeatability	±0.2%			
Power Supply	AC100V~240V 50/60Hz			
Storage	Support external USB disk data storage. Three saving modes: single point, continuous and timed.			
Optional Accessory	DV Software, Thermostatic water bath, Ultra-low viscosity adapter, Small sample adapter, Standard oil, External circulatory glass beaker, Micro printer			
Package Size(W*D*H)	410*380*420mm	400*350*500mm		
Gross Weight	10.3kg	11.6kg		

Rheometer

Introduction:

The NTV-T2 series integrates viscosity measurement and precise temperature control, which helps to test the performance change of the sample to predict the behavior of the product. Controlling the temperature helps to ensure the accuracy of the experimental results of measuring viscosity.

Features:

- * 7 inch wide touch screen.
- * Shear rate and shear stress displayed.
- * Electric lift, precise positioning.
- * Small sample bucket for easy loading, unloading and cleaning.
- * Short constant temperature time.
- * Password protected temperature and viscosity correction coefficient.
- * The rheological curve can be drawn by simple programming control.
- * Temperature control can be controlled by this all-in-one or DV software.

Technical Parameters:

Model	NTV-T2L	NTV-T2R	NTV-T2HA	NTV-T2HB
Measured Range(mPa·s)	5~1M	25~10M	50~20M	200~80M
Rotation Speed(rpm)	0.1~200(non-polar shift)			
Number of Spindle	Standard: 4types (SC4-21, SC4-27~29) Optional: 7types (SC4-14~16, SC4-18, SC4-25, SC4-31, SC4-34)			
Sample Capacity	2~16ml			
Temp. Range	-1℃~120℃			
Temp. Accuracy	±0.1℃			
Measurement Accuracy	±1.0%(FS)			
Repeatability	0.5%(FS)			
Input Power	AC100V~240V 50/60Hz			
Storage	Support external USB disk data storage. Three saving modes: single point, continuous and timed.			
Standard Accessory	RS232-USB output interface,Small Sample Spindles (21, 27, 28, 29), Cylindrical Sample sleeve, Temperature controller			
Optional Accessory	DV Software, Standard oil, Micro printer			
Package Size(W*D*H)	500*450*650mm			
Gross Weight	24kg			

