



ViscoQT 1000-Pro/S Professional Intelligent Touch- screen Rotary Viscometer

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ViscoQT 1000-Pro/S Series Professional Rotary Viscometers, are the latest in our lineup of full touch screen products developed from the Qualitest range of Rotational Viscometers. We've enhanced these Rotary Viscometers with additional features for improved functionality.

APPLICATIONS

ViscoQT 1000-Pro/S Professional Intelligent Touch-screen Rotary Viscometer





FEATURES

Key Features of ViscoQT-1000-Pro/S Series Professional Rotary Viscometer:

- 7-inch high-definition touch screen: Easily operate and access rich information. The powerful human-machine interface offers various user-friendly operation menus for seamless navigation.
- Anti-static shell and PC material lifting pole ensure durability and safety.
- Built-in temperature probe RTD for accurate temperature measurement.
- ARM chip processor: Experience higher data processing speeds for efficiency.
- Newly designed durable small axles enhance reliability.
- Gigabit Ethernet interface for reliable and quick data transfer.
- USB interface for saving measurements to external disk U: choose from single-point, continuous, or timed saving options.
- RS 232 interface allows for easy printing of measurement data with minimal effort.
- User calibration: Protect temperature and viscosity correction factors with a password, and modify them when reliable and accurate data is available.
- Measure viscosity at infinitely variable speeds: Input any speed and the instrument displays the maximum measuring range under different rotors, making it convenient to select suitable testing parameters.
- Easily convert between various viscosity units, with dynamic viscosity automatically converted to kinematic viscosity.
- Detailed operation instructions accompany the viscometers for seamless use.
- Upgrade your viscosity measurements with the advanced features of the ViscoQT-1000-Pro/S series professional viscometers.

TECHNICAL SPECIFICATIONS

ViscoQT-1000-Pro/S Series Professional Rotary Viscometer Technical Specifications:

Ordering Information → Parameters ↓	ViscoQT 1000-Pro/1S	ViscoQT 1000-Pro /2S	ViscoQT 1000-Pro /3S
Measuring Range (mPa.s)	10-600,000 □ 600K □	10-6,000,000 □ 6M □	100-80,000,000 □ 80M □
R.P.M (per min)	1-60	0.1-100 (infinitely variable speed)	
Rotors	No.1, No.2, No 3, and No 4 are standard configurations (#0 is optional)		
Measurement Accuracy	±1.0 % (of the full range)		
Repeatability	±0.5 %		
Voltage	Power Supply Adapter □ 100V □ 240V/50Hz		

<p>Optional Accessories</p>	<p>THD Series---Low Temperature Thermostatic Bath</p> <p>ViscoQT-ACC 1600---Standard Oil □ 500ml □</p> <p>ViscoQT-ACC 1601---Low Viscosity Adapter □ The 0th rotor and can measure 1.0 mPa.s sample □</p> <p>ViscoQT-ACC 1602---Small Sample Adapter □ It's specially designed for customers with small samples and requires only a quantity as small as 5 □ 18ml □ Sample cup is easily cleaned, installed, removed, and observed □ Accurate data of shear rate and shear stress can be obtained for a minute analysis of the fluid characteristics of the sample □ One-off sample cups are available □</p> <p>ViscoQT-ACC 1603---Mini Single Color Printer</p> <p>ViscoQT-ACC 1604---RTD Thermometer □ -20°C □ 120°C □</p> <p>ViscoQT-ACC 1605--- Thermoses are designed to accurately measure the viscosity of heated oil, paraffin, asphalt emulsions, medicine, high polymers, and similar liquid materials at high temperatures. They enable precise control of sample temperature within a range from room temperature to +300°C. With programmable intelligent thermostats, they ensure temperature fluctuation within 0.1°C. Sample dosage can be as small as 10ml, and disposable sample cups are available for convenience. The standard SC4 spindle type can be easily applied, making it user-friendly.</p> <p>ViscoQT-ACC 1607---Viscometer data collection and graphing software</p>
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NOTE:

1. If the small sample adapter is required, the machine comes with NO.21 □ NO.27 □ NO.28 □ NO.29 rotors □ the normal rotors are No.1, No.2, No.3, No.4 □ . Please clarify before ordering if extra rotors are required.
2. If the small sample adapter is selected, the measurement range would be:
 - ViscoQT 1000-Pro /1S □ 10-100,000 □ 100K □ mPa.s
 - ViscoQT 1000-Pro /2S □ 10-1,000,000 □ 1M □ mPa.s
 - ViscoQT 1000-Pro /3S □ 50-10,000,000 □ 10M □ mPa.s



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