

QC- Viscosity Meter



Intelligent Touch-screen Rotary Viscometer

Main Features

- Small size, good stability, high precision and good anti-interference.
- With Biuged patents, enable multiple sampling in one rotation. Other competitor only sample one time in one rotation.
- Rotate by high sub-division stepper motor driver, with accurate speed, low noise, stable movements. And the change of AC power frequency don't influence viscosity measurements.
- For thixotropic Non-Newton fluid, timing function of instrument can ensure to get a good consistent testing result.
- Dirven by stepper motor directly, convenient to change speed, display rotating speed clearly, good reliability and no shaking.
- 5-inch-high definition touch screen display viscosity, speed, torque percentage, max. measurement range under current rotor and speed.
- Display continuous change of viscosity, Alarm for over measuring range.

- Linear Calibration to full range by computer, measurement precision is
- $\pm 1.0\%$ of full range.
- Switching adapter, wide range power supply input (100V-240V) for good anti-interference
- Anti-static shell and PC material lifting pole
- Durable new design with small shaft
- ARM chip processor, processing data more quickly
- Convert freely between various viscosity units, dynamic viscosity converts kinematic viscosity automatically
- Accompanied with detailed operation instruction and correction function for viscosity coefficient.
- Calibrated by use
- Built-in RTD temperature sensor to monitor sample temperature in real time.
- Come with RS 232 interface, can print measuring data by mini-printer with less labor.

Technical Specifications:

Model	QC-V3
Rotors	Four rotors---No.1, No.2, No.3, No.4
Measuring Range	BGD 152/1S---10~100, 000 (105) mPa.s BGD 152/2S---10~2, 000, 000 (106) mPa.s
Rotate Speed	BGD 152/1S---6r/min, 12r/min, 30r/min, 60r/min BGD 152/2S---0.3 r/min, 0.6 r/min, 1.5 r/min, 3r/min, 6r/min, 12r/min, 30r/min, 60r/min
Measurement Precision	$\pm 1.0\%$ of full range (Newtonian fluids)
Measurement Repeatability	$\pm 0.5\%$ of full range (Newtonian fluids)
Electrical Power	220V/50Hz
Weight	10KG
Dimensions	308mm×300mm×450mm (L×W×H)
Optional Accessories	Mini printer, Thermoses, Standard oils etc.