

Viscosity Inspector

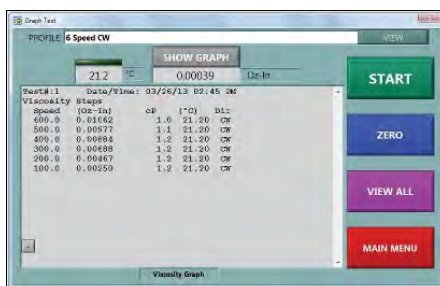
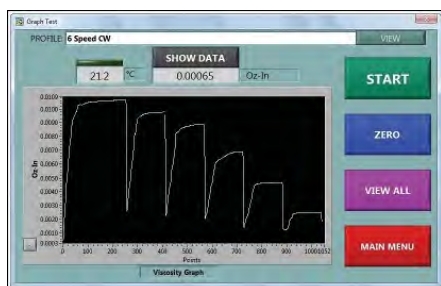
The Vibrac Viscosity Inspector is an industry first offering patented springless technology with bidirectional rotation allowing more accurate measurements and minimal maintenance. The system has a non-contact sensor design and has no thermal adjustment with accuracy to a 1000th of a Centipoise.

Application

This Couette-type coaxial viscometer measures the shear stress in the gap between an outer rotating cylinder and an inner suspended bob.

The viscosity measurements are made by rotating the rotor at a known velocity and measuring the shear force (Torque) that is exerted on the bob. The measured torque value is then used to compute the viscosity in Centipoise (cP).

Thread mounted Bob and Rotor provide easy installation and removal.



Features Include

Non Contact Springless Torque Measurement

Unlimited Customizable Testing Profiles

Windows 10 Operating System

Bidirectional Rotation

Attribute	Value
Speed Range	0.1 to 1000 RPM
Speed Accuracy	+/- 0.001 RPM
Resolution	0.0005 degrees
Measurement Accuracy	0.001 cP
Temperature Accuracy	0.1 °C