With VISCOpro, Process Makes Perfect

In process environments, the last thing an engineer wants is to shut down a system to recalibrate a sensor. Systems that run continuously need measurement devices that monitor continuously – as well as measure accurately and operate reliably.

Cambridge Viscosity offers three powerful, proven viscosity measurement solutions: the VISCOpro 1600 viscometer, VISCOpro 2000 viscometer, and VISCOpro 8000 multi-channel viscometer system.

Which one is right for you? It all depends on your environment and your needs. Ask yourself:

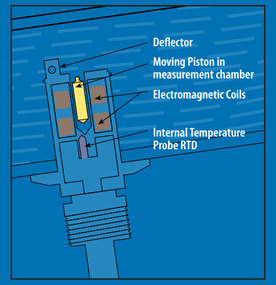
- Do I need to measure viscosity in one line or in multiple lines?
- Do I require monitoring only or both monitoring and control capabilities?
- Do I need to access real-time data?

The answers to these questions will point you to the right solution. Whichever you choose, each VISCOpro product delivers:

- More accurate results
- Real-time, all-the-time monitoring
- Low-maintenance/high-performance operation
- The peace of mind that comes from choosing a vendor with nearly a quarter-century of experience and more than 8,000 installations worldwide

Cambridge Viscosity

The Most Accurate, Reliable, and Cost-Effective Viscosity Measurement Technology



Cambridge Viscosity's patented technology sets us apart from other viscometer manufacturers. Our innovative sensors have only one moving part: a free-standing piston that is driven electromagnetically through fluid in a small measurement chamber. A deflector, positioned over the piston, moves fluid into the chamber.

Two coils move the piston back and forth at a constant force. Proprietary circuitry analyzes its two-way travel time to measure absolute viscosity. A built-in temperature detector senses actual temperature in the measurement chamber and determines a temperature-compensated viscosity (TCV) reading.

All wetted parts are stainless steel. The piston is in constant motion, continually scrubbing the sampling area and keeping the samples fresh. There is no need for frequent calibration and very little maintenance is required. Our viscometers are rugged, highly accurate, and extremely reliable.

www.cambridgeviscosity.com

Cambridge Viscosity™

The Technology Leader in Viscosity℠

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Cambridge Viscosity®
The Technology Leader in Viscosity™

VISCOpro™

The Intelligent Approach to Viscosity Measurement and Control

VISCOpro 1600 Viscometer

State-of-the-art viscosity monitoring

You have a process, and you need to monitor it. You may need to see real-time measurements, you may not. Basically, you want a super-reliable, thoroughly accurate viscometer – without the bells and whistles. You want the VISCOpro 1600.

This small workhorse viscometer provides in-line viscosity monitoring and management, in any process line or loop. Available options include a separate LCD display in a 4.5" enclosure with readout in centipoise, cup seconds, cSt, or SSU.

Other features include:

- Built-in temperature detector
- Analog and serial data output
- Continuous monitoring of viscosity and temperature
- Multiple Viscosity Units
- Automatic self-cleaning
- Sensor transmitter mounted in explosion-proof housing

VISCOpro 2000 Viscometer

Menu-driven electronics for continuous operation

You have one process line. You only need one sensor. But monitoring viscosity isn't enough. You also need control. Reports. The ability to initiate or suspend actions and to know what's going on all the time. Especially now. You need the VISCOpro 2000 viscometer.

The VISCO 2000 provides viscosity, temperature, and temperature-compensated viscosity (TCV) settings on an easy-to-read visual display. It can be programmed for up to 40 different fluid settings, enabling rapid changeovers in production processes. Selecting operating characteristics, control set points, and alarms is easy using a menu-driven interface with RS232/RS485 communications ports.

Other features include:

- Enhanced display with process and alarm information
- Multiple output signals
- Automatic viscosity control (proportional-integral)
- 13 standard measurement ranges from 0.2 to 20,000cP (special ranges available in custom configurations)
- Automatic date and time-coded data logging
- Built-in self-cleaning operation
- Freestanding or control panel mounting configurations

VISCOpro 8000 Multi-channel Viscometer System

Fingertip control and monitoring

If you have multiple process lines that you need to monitor and control, and need real-time information in terms of measurements and performance data, you can buy several devices or just one: the VISCOpro 8000 multi-channel viscometer system.

With the VISCOpro 8000, you can control as many as 12 viscosity measurement sensors from a single location, with ease and efficiency. An overview of all functions and control of each channel's operation is literally at your fingertips. You can also toggle between monitor only and control capabilities.

Key features include:

- Viscosity measurement, control, and alarms
- Field-tested sensors and transmitters
- Remote operator interface
- SCADA Supervisory Control and Data Acquisition formats
- Data monitoring/collection/storage and transfer
- Built-in self-cleaning operation
- Multiple parameters: temperature, viscosity, and temperature-compensated viscosity (TCV)