

REAL TIME. ON-LINE. IN-LINE.



Features

The Starter Kit provides a simple, self-contained way to experience solid-state real-time in-line ViSmart™ viscosity sensor capabilities first-hand. Each kit contains all sensor components, communication and data acquisition software, and documentation required to get the viscosity sensor system up and running in your lab or facility. The starter kit is a quick and powerful way to assess the value ViSmart™ viscosity sensor can bring to your business.

Get familiar with ViSmart™

In the process of configuring, installing, and managing viscosity data from the ViSmart™, you will gain a deep understanding of the sensor capabilities. With this knowledge, you can identify and define solutions that serve your monitoring and control needs.

Validate Your Application

Once you are familiar with the capabilities of the ViSmart™ viscosity sensor system, the starter kit lets you test the sensor(s) as you see fit for the solution. You gain immediate, first-hand feedback on the feasibility and value of your application by conducting in-house testing.

BENEFITS

Quickly Acquire Viscosity Data

Often the largest challenge in identifying a monitoring opportunity is simply gathering sample data. The starter kit provides a ready-made rapid deployment solution. In less than 30 minutes you can instrument your application, gather viscosity and temperature data, and characterize your opportunity.

Enable Decision Making

After examining the data, the starter kit provides a portable proof-of-solution that can enable decision making and allow us to partner with you to fulfill your specific needs and requirements.

Contents

- ViSmart™ viscosity sensor(s)
- USB adaptor connector and cables
- CD-ROM/Software with documentation
- Calibration Fluid

ViSmart™ Viscosity Sensors

The ViSmart is an industrial solid-state real-time in-line viscometer built to world-class semiconductor specifications.

- No moving parts.
- Instantaneous and continuous real-time in-process viscosity measurement.
- Unaffected by shock, orientation, flow or vibration conditions.
- Wide standard measurement and operating range.
- Portable, cost-effective and scalable.
- Simplified viscosity and temperature measurement.
- Various custom options available.

See low shear threaded bolt viscosity sensor datasheet for details.

Features of Starter Kit

The starter kit is a high performance, flexible, robust and reliable bench-top viscometer data station designed to acquire multiple channels of continuous viscosity and temperature data by integrating to any computer.

- Connectivity of sensor(s) to laptop or desktop computer via any standard USB hub.
- Plug-n-Play sensor connectivity and installation.
- Simple automated software installation.
- Friendly simple to use interface.
- No external power required; powered via USB port.
- Interface software also allows for real time, historical viscosity and temperature views.
- Log continuous data by fluid, batch, customer, and time.
- Ideal for use in lab environment.

CD-ROM Software

The starter kit is offered with software which allows for both historical and real-time data viewing.

Among its performance characteristics are:

- User can assign fluid information (batch ID, type, location) and multiple units for viscosity and temperature.
- Stores viscosity and temperature readings for local views.
- Using provided software installed on a PC you can easily analyze data, or take long term real-time data.
- Historical and real-time viscosity and temperature data can be viewed through the software interface.
- Viscosity and temperature data can be imported into an Excel spreadsheet.
- Instantaneous data in real-time without any moving parts using the ViSmart™ sensor.

Ordering Information

Sensor Type	Package Format	Sensor Qty	Description	Part No.
Low Shear	Threaded Bolt	1	Kit VS-2010-1 Sensor Starter Kit	723200076
Low Shear	Threaded Bolt	2	Kit VS-2010-2 Sensor Starter Kit	723200084
Low Shear	Threaded Bolt	1	Kit VS-2510-1 Sensor Starter Kit	723200086

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