

# DV2T™ Viscometer

our most versatile continuous sensing viscometer

## 5.7-inch Full Color Touch Screen Display

- New User Interface
- Enhanced Controls
- Real Time Trend Indicator
- Supports Multiple Languages

## Displayed Info:

- Viscosity (cP or mPa•s)
- Temperature (°C or °F)
- Shear Rate/Stress
- % Torque
- Speed/Spindle
- Step Program Status

## Enhanced Security

- Customizable User Access
- Date and Time Stamp File
- Password Access
- Portable Log-in Settings

## Built-in Options

- Timed Tests
- Data Averaging
- Programmable QC Limits/Alarms
- Customizable Speed/Spindle Lists
- Test Based User Instructions
- On Screen Data Comparison

## Auto Range Showing

- Maximum viscosity measured with Spindle/Speed combination

**USB PC Interface** provides optional computer control and automatic data gathering capability



## Convenient Bubble Level

**Download custom test programs** with PG Flash Software (included with instrument)

**Accuracy: ±1.0% of range**  
- Displayed with test data

**Repeatability: ±0.2%**

**Built-in RTD Temperature Probe**

**Internal Data Storage: 150 MB**

## What's Included?

### Instrument

6 spindles (RV/HA/HB) (p45)  
or 4 spindles (LV) (p45)

PG Flash Software ►

RTD Temperature Probe

Spindle Guard Leg\*

Lab Stand (Model G) (p50)

Convenience Pack

Cleaning Cloth, Screen Protectors

Carrying Case

\*Not applicable to HA or HB torque models

## Optional Accessories

RheocalcT Software ►

Label Printer (p51)

Vane Spindles (p43 & 48)

Ball Bearing Suspension (RV/HA/HB) (p50)

Viscosity Standards (p52)

RV/HA/HB-1 Spindle (p45)

EZ-Lock Spindle Coupling System (p50)

Quick Action Lab Stand (p50)

Temperature Bath (p33-35)

Small Sample Adapter (p38)

UL Adapter (p40)

Thermosel (p36)

Helipath Stand with T-bar Spindles (p42)

Spiral Adapter (p44)

DIN Adapter (p44)

Quick Connect/Extension Links (p49)

| MODEL  | VISCOSITY RANGE<br>cP(mPa•s) |      | SPEEDS<br>(200 available) |                      |
|--------|------------------------------|------|---------------------------|----------------------|
|        | Min.                         | Max. | RPM                       | Number of Increments |
| DV2TLV | 1†                           | 6M   | .1-200                    | 200                  |
| DV2TRV | 100††                        | 40M  | .1-200                    | 200                  |
| DV2THA | 200††                        | 80M  | .1-200                    | 200                  |
| DV2THB | 800††                        | 320M | .1-200                    | 200                  |

† 1 cP achieved with UL Adapter accessory. 15 cP on LV with standard spindles.

†† Minimum viscosity is achieved with optional RV/HA/HB-1 spindle.

M = 1 million cP = Centipoise mPa•s = Millipascal•seconds

## PG Flash Software Included

PROGRAM GENERATOR SOFTWARE FOR CUSTOMIZING  
TEST CRITERIA FOR ROUTINE PRODUCT QC

This exclusive AMETEK Brookfield software allows you to create repeatable custom tests on your PC! Once the program (up to 25 steps) is created, it can be downloaded to a supplied USB flash drive and then uploaded to any DV2T Viscometer.



*PG Flash allows users to create repeatable custom tests with all of the built-in options on the DV2T plus the addition of multiple program lines (up to 25 steps). Create the program on the PC and download to a USB Flash Drive. Upload the program from the USB Flash Drive to the DV2T.*

## RheocalcT Software Optional (see p14 for more details)

GET TOTAL CONTROL OF YOUR INSTRUMENT AND TEST PARAMETERS

Automatically control the instrument and collect data with RheocalcT running on a dedicated PC with USB interface. RheocalcT can analyze data, generate multiple plot overlays, print tabular data, run math models and perform other time-saving routines. Up to five comparison data sets can be plotted and saved. Other features include:

- Wizards to guide you through the creation of common tests
- Secure 21CFR features including multiple logins, access levels, digital signatures, and data storage in a password-protected database
- Looping functions for repetitive tasks
- Averaging of collected data by individual step or whole test
- Math models: Bingham, Casson, Power Law, Herschel-Bulkley
- Export data to Excel® file format
- Create data reports in PDF format



### DV2TCP

The DV2T is available in a Wells/Brookfield Cone & Plate Version

Must be ordered when instrument is first purchased. (p20)



### DV2T EXTRA™ Viscometer

The “EXTRA” combines all the versatile viscosity testing capabilities of a DV2T with time and money-saving features such as a durable ball bearing suspension system, EZ-Lock Spindle Coupling, Quick Action Lab Stand and FREE Rheocalc T Software.