

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 cP(mPa•s)		SPEEDS (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.