DV2T Viscometer

Versatile Continuous Sensing Viscometer

What's Included

- Instrument
- 6 spindles (RV/HA/HB) or 4 spindles (LV)
- PG Flash Software*
- Carrying Case

- Lab Stand (Model G)
- RTD Temperature Probe
- Spindle Guard Leg**

*Available for free download

**Not applicable to HA or HB torque models

Optional Accessories

- Small Sample Adapter
- Spiral Adapter
- UL Adapter
- Thermosel
- DIN Adapter
- Helipath Stand with T-bar Spindles
- RheocalcT Software
- Label Printer

- Vane Spindles
- Temperature Bath
- Viscosity Standards
- RV/HA/HB-1 Spindle
- Quick Action Lab Stand
- Quick Connect/Extension Links
- Ball Bearing Suspension (RV/HA/HB)
- Magnetic Spindle Coupling System

VISCOSITY RANGE cP(mPa•s)			SPEEDS (200 Available)	
Model	Min	Max	RPM	Number of Increments
DV2TLV	1[†]	6 M	.1-200	200
DV2TRV	100[††]	40 M	.1-200	200
DV2THA	200[††]	80 M	.1-200	200
DV2THB	800[††]	320 M	.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

Repeatable   Reliable   Accurate

DV2T Viscometer

Features

5.7-inch Full-Color Touch Screen Display
- 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
- Displayed with test data

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

Accuracy: ±1.0% of range

Repeatability: ±0.2%

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)

Built-in RTD Temperature Probe

Internal storage of 150 MB

PG Flash Software (Available for free download)

Program generator software for customizing test criteria for routine product quality control

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

Get total control of your instrument and test parameters

Automatically control and collect data with RheocalcT Software and a dedicated computer. RheocalcT can analyze data, generate multiple plot overlays, print tabular data, run math models, and perform other time-saving routines. Up to 20 comparison data sets can be plotted and saved.

Other features include:
- Wizards to guide you through the creation of common tests
- Secure 21 CFR 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 step or whole test
- Math models: Bingham, Casson, Casson NCA/CMA, Power Law, IPC Paste, Herschel-Bulkley, Thix Index

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