

# NEW DV2T™ EXTRA Viscometer

a continuous sensing viscometer that saves time & money with built-in extras

## Time & Money Saving Extras Included:

- Ball Bearing Suspension
- EZ Lock Spindle Coupling
- Model Q Lab Stand
- RheocalcT Software

## 5-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

## USB PC Interface



## Auto Range

## Built-in Options

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

## 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

## What's Included?

### Instrument

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

Ball Bearing Suspension (RV/HA/HB)

EZ-Lock Spindle Coupling System

RheocalcT Software ▶

PG Flash Software ▶

RTD Temperature Probe

Spindle Guard Leg\*

Lab Stand (Model Q)

Convenience Pack

## Optional Accessories

Label Printer

Vane Spindles

Viscosity Standards

RV/HA/HB-1 EZ Lock Spindle

Temperature Bath

Small Sample Adapter

UL Adapter

Thermosel

Helipath Stand with T-bar Spindles

Spiral Adapter

DIN Adapter

Extension Links

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

## PROGRAM GENERATOR SOFTWARE FOR CUSTOMIZING TEST CRITERIA FOR ROUTINE PRODUCT QC

[illegible]

GET TOTAL CONTROL OF YOUR INSTRUMENT AND TEST PARAMETERS

# DV2TCP

The screenshot displays the Brookfield Engineering Lab software interface. At the top, there are input fields for various parameters: Viscosity (0.36 Poise), Speed (75.00 RPM), Torque (27.1 %), Setpoint (25.0 °C), Shear Stress (27.10 dyn/cm²), Shear Rate (75.000 1/s), Temperature (28.4 °C), and Bath (28.8 °C). Below these are tabs for 'Control' and 'Communications', and a 'Manual' button. The 'TESTS' section includes checkboxes for 'Start Test', 'Stop Test', and 'Take Point', along with 'Set Speed' (75 RPM) and 'Set Temperature' (25.0 °C). The main window shows a 'Data Graph' titled 'Brookfield Engineering Lab' plotting 'Viscosity (P)' on the y-axis (0.25 to 0.55) against 'Time (s)' on the x-axis (10 to 60). Four data series are shown: 'Dand Y1' (red), 'Dand Y2' (blue), 'Dand Y3' (cyan), and 'Dand Y4' (black). A legend on the right indicates 'Dand Y1' and 'Dand Y2' are 'Dand Y1' and 'Dand Y2' respectively. Below the graph is a 'Data Table' with columns: 'Step', 'Time (s)', 'Viscosity (P)', 'Speed (RPM)', 'Torque (%)', 'Shear Stress (dyn/cm²)', 'Shear Rate (1/s)', 'Temp (°C)', and 'Bath (°C)'. The table contains four rows of data. At the bottom, there are tabs for 'TESTS', 'DATA', 'GRAPH', and 'RESULTS', with a 'Start' button and a timestamp '2:03:23 PM 2/24/2013'.

Step	Time (s)	Viscosity (P)	Speed (RPM)	Torque (%)	Shear Stress (dyn/cm²)	Shear Rate (1/s)	Temp (°C)	Bath (°C)
0	1	0.38	25.00	0.5	9.50	25.000	24.9	25.3
0	2	0.48	50.00	24.7	24.70	50.000	24.9	25.3
0	3	0.53	75.00	39.5	39.50	75.000	24.9	25.3
0	4	0.55	100.00	54.8	54.80	100.000	24.9	25.3



## DV2T EXTRA™ Viscometer

