

DV-II+TM Pro Viscometer

our most versatile continuous sensing viscometer

Displayed Info:

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

Built-in Options

- Timed Tests
- Choice of Units
- Choice of Speeds

Scroll Keys for Simple Selection of Speed & Spindle

54 selectable speeds provide superior range of viscosity/shear rate measurements

Accuracy: ±1.0% of range

Repeatability: ±0.2%

Built-in RTD Temperature Probe

Auto Range Showing

- Full Scale Range (FSR) at 100%
- Maximum viscosity measured with Spindle/Speed combination

Bi-directional RS-232

PC Interface provides optional computer control and automatic data gathering capability

Download custom test programs

with DV Loader software (included with instrument)



What's Included?

Instrument

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

DV Loader software ▶

RTD Temperature Probe

Spindle Guard Leg*

Lab Stand (Model S) (p50)

Carrying Case

*Not applicable to HA or HB torque models

Optional Accessories

Rheocalc32 Software ▶

Wingather Software ▶

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)

Vane Spindles (p43 & 48)

Protective Keypad Covers (p51)

MODEL	VISCOSITY RANGE cP(mPa•s)		SPEEDS	
	Min.	Max.	RPM	Number of Increments
LVDV-II+P	1†	6M	.01-200	54
RVDV-II+P	100††	40M	.01-200	54
HADV-II+P	200††	80M	.01-200	54
HBDV-II+P	800††	320M	.01-200	54

† 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

DV Loader Software Included

CREATE CUSTOM TESTS USING YOUR PC

DV Loader allows users to create repeatable custom tests with choices of parameters for speed, test duration, etc. to be downloaded from a PC to a DV-II+ Pro Viscometer. Disconnect the DV-II+Pro from the PC for secure, user-defined test methods.



Connect DV-II+Pro to a PC to create up to 10 custom tests on your PC and then download test parameters to your viscometer



Rheocalc32 Software Optional

GET TOTAL CONTROL OF YOUR INSTRUMENT AND TEST PARAMETERS

Automatically control and collect data with Rheocalc32 and a dedicated computer. Rheocalc32 can analyze data, generate multiple plot overlays, print tabular data, run math models and perform other time-saving routines. Data can be saved in the program or exported to Excel.

- Controls test parameters with powerful scripting capabilities
- Wizard for self-guiding creation of test programs
- Looping functions for repetitive tasks
- Automates data collection to save time
- Math modeling for yield stress calculations, plastic index
- Plot up to four data sets for comparisons



DV-II+Pro CP

The DV-II+Pro is available in a Wells/Brookfield Cone & Plate Version
Must be ordered when instrument is first purchased. (p16)

Wingather Software Optional

DATA COLLECTION SOFTWARE TO COLLECT, ANALYZE AND RECORD TEST DATA

Wingather software provides an easy way to gather data and plot graphs while creating permanent test records. Data can be saved in the program or exported to Excel.

- Automates data collection to save time
- Reduces operator error
- Math modeling for yield stress calculations, plastic index
- Plot up to four data sets for comparisons



DV-II+Pro EXTRA™ Viscometer

The “EXTRA” combines all the versatile viscosity testing capabilities of a DV-II+Pro 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 software.

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