

BROOKFIELD VISCOMETERS

DV-II+ Viscometer

Viscosity by Brookfield
the world standard



RS-232 Output

See pages 30 & 31 for software configuration

Customizable Options

Scroll Keys for Simple Selection of Speed & Spindle

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

Auto Range Showing Viscosity Limits

RTD Temperature Probe

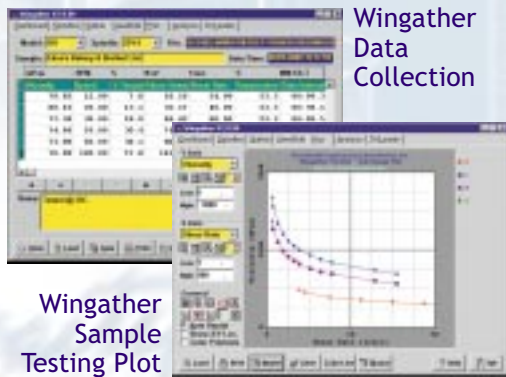
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MODEL	VISCOSITY RANGE* cP(mPa•s)		SPEEDS	
	Min.	Max.	RPM	Number of Increments
LV DV-II+	1 [†]	6M	.01-200	54
RV DV-II+	100 ^{††}	40M	.01-200	54
HADV-II+	200 ^{††}	80M	.01-200	54
HBDV-II+	800 ^{††}	320M	.01-200	54

* Using spindles provided. Ranges can be expanded or reduced using accessories.
[†] 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.

Features and Benefits

- ▶ Our most versatile viscometer with continuous sensing and display
- ▶ PC interface provides automatic data gathering capability
- ▶ 54 selectable speeds provide superior range of viscosity/shear measurements
- ▶ Built-in RTD temperature probe for sample monitoring
- ▶ Download custom programs with DV Loader™ software (provided)
- ▶ Automatic data collection and historical comparison with (optional) Wingather™ software
- ▶ Complete with appropriate spindles, DV Loader program, viscometer stand, guard leg and carrying case
- ▶ Accuracy: ±1.0% of range
- ▶ Repeatability: ±0.2%



HELPFUL HINTS

1. Do you need sample temperature control? Check out the water baths & accessories. [Page 41](#)
2. Need to measure lower viscosities? See our UL Adapter. [Page 39](#)
3. Measuring small samples? Use the Small Sample Adapter. [Page 38](#)
4. Need to measure two-phase materials like slurries and rapidly settling suspensions? Use vane spindles. [Page 40](#)



DV-II+CP

The DV-II+ is also available in a Wells/Brookfield Cone & Plate version. [Pages 14 & 15](#)

The Brookfield DV-II+ is commonly used in laboratory applications for research & development or quality control monitoring.

	SPINDLES (included)	DATA DISPLAYED	OUTPUT	PROGRAM FEATURES	ACCESSORIES see reference page	SOFTWARE see reference page
4	Digital	Torque % cP (centipoise) mPa•s (milliPascal/seconds) Shear Rate Shear Stress Temperature °F / °C	0-1Vdc Chart Recorder Analog torque/temperature Printer Output RS-232 PC: Data Output RS-232 PC: Full Computer Control	Time to Torque Time to Stop Customize 4 Programs Customize 10 Programs	Water Baths Thermoseal Heaters Helipath Stand Spiral Adapter Small Sample Adapter UL Adapter DIN Adapter Standard Spindles Cone Spindles T-Bar Spindles Connections & Extensions Viscosity Standard	DV Loader Rheo Loader Wingather Rheocalc Capcalc Rheo2000 Rheovision
6	Digital	• • • • •	• • •	• • •	41 36 37 37 38 39 39 44	47 48 28
6	Digital	• • • • •	• • •	• • •	41 36 37 37 38 39 39 44	47 48 28
6	Digital	• • • • •	• • •	• • •	41 36 37 37 38 39 39 44	47 48 28
6	Digital	• • • • •	• • •	• • •	41 36 37 37 38 39 39 44	47 48 28

M = 1 million K = 1 thousand V = variable O = optional P = poise cP = Centipoise mPa•s = milliPascal/seconds AS = Application Specific N/A = not applicable
 Note: 1. Specify voltage and frequency when ordering. 2. Guard leg not supplied with HA/HB Series. 3. RV/HA/HB supplied with spindles #2 - #6.