

# DV-E Viscometer

...our lowest cost digital viscometer



#### No calculations Required

- Direct reading of viscosity in cP or mPa·s

#### Displayed Info:

- Viscosity (cP or mPa·s)
- Torque
- Speed/Spindle

#### Easy-to-Use

- Flip a switch
- Turn a knob

#### Accuracy: $\pm 1.0\%$ of range

- Repeatability:  $\pm 0.2\%$

#### Easy-to-Select Spindles / Speeds

#### Flip to "Speed"

- Turn the Knob
- Choose the RPM

#### Flip to "Spindle"

- Turn the Knob
- Choose the Spindle

#### Auto Range

- Push to determine full scale range (FSR) viscosity

#### 18 Speeds

- for complete range capability

## BROOKFIELD VISCOMETERS

T: 800.628.8139 or 508.946.6200 F: 508.946.6262 [www.brookfieldengineering.com](http://www.brookfieldengineering.com)

## What's Included?

Instrument

6 spindles (RV/HA/HB)

or 4 spindles (LV)

Spindle Guard Leg\*

Lab Stand (Model A)

Carrying Case

\*Not applicable to HA or HB versions

## Optional Accessories

Viscosity Standards

RV/HA/HB-1 Spindle

Quick Action Lab Stand

Temperature Bath

Small Sample Adapter

UL Adapter

Thermosel

Spiral Adapter

DIN Adapter

Quick Connect/Extension Links

Vane Spindles

## Model Selection Table Brookfield DV-E Viscometers

MODEL	VISCOSITY RANGE cP(mPa·s)		SPEEDS	
	Min.	Max.	RPM	Number of Increments
LVDV-E	1 <sup>†</sup>	2M	.3-100	18
RVDV-E	100 <sup>††</sup>	13M	.3-100	18
HADV-E	200 <sup>††</sup>	26M	.3-100	18
HBDV-E	800 <sup>††</sup>	104M	.3-100	18

† 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

## Applications

Consider application and viscosity range when selecting model (LV, RV, HA, HB)

### LV SERIES – LOW VISCOSITY

Adhesives (solvent base)  
Biological Fluids  
Chemicals  
Dairy Products  
Inks  
Juices  
Oils / Solvents  
Pharmaceuticals  
Polymer Solutions

### RV SERIES – MEDIUM VISCOSITY

Adhesives (hot melt)  
Asphalt (SHRP)  
Ceramic Slurries  
Food Products  
Gums  
Ointments / Creams  
Paints / Inks / Coatings  
Paper Pulp  
Shampoos / Lotions

### HA/HB SERIES – HIGH VISCOSITY

Caulking Compounds / Putty  
Chocolate  
Epoxies  
Inks (ballpoint, offset, lithographic)  
Pastes  
Peanut Butter  
Roofing Compounds  
Sealants  
Tars



Brookfield Engineering Laboratories, Inc.

11 Commerce Boulevard

Middleboro, MA 02346-1031 USA

T: 800.628.8139 or 508.946.6200 F: 508.946.6262

W: www.brookfieldengineering.com