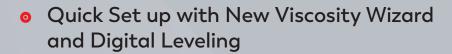
### Brookfield brings full compliance to stand-alone instruments!

# 

CONE/PLATE RHEOMETER



- **Ethernet and LIMS Connectivity**
- **Updated Gap Settings**
- Compliant to 21 CFR Part 11 in Stand-alone Mode



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## **DVNext**CONE/PLATE RHEOMETER

The all-in-one tool for measuring viscosity and yield stress while complying with 21CFR Part 11 and GAMP.



#### FEATURES - For Standard and Compliant Versions

#### 7-inch Full Color Touch Screen Display

- Enhanced Controls
- · Real Time Graphing
- Supports Multiple Languages

#### Displayed Info:

- · Viscosity (cP or mPa·s)
- Temperature (°C or °F)
- · Shear Rate/Stress
- ·% Torque
- · Speed/Spindle
- · Step Program Status
- · Math Model Calculations

#### Viscosity Wizard

**Built-in math models** for data analysis in stand-alone mode. E.g. Casson, Bingham, Power Law, Thix Index

#### $\textbf{Integrated Temperature Control} \ with$

connection to AMETEK Brookfield TC series Baths and AP/SD Controllers or AMETEK Brookfield Thermosel System.

#### **Stand-alone Programming**

**RTD Temperature Probe** 

#### Accuracy: ±1.0% of range

· Displayed with test data

Repeatability: ±0.2%

**Analyze characteristics** such as yield stress, flow curves (mixing, pumping, spraying), leveling and recovery

**USB PC Interface** provides optional computer control and automatic data collection capability

**Digital Leveling** 

Internal Data Storage: 150 MB

Date and Time Stamp File

GAMP\*

#### 21 CFR Part 11 Compliant\*

- · Customizable User Access
- Electronic Signatures
- Uneditable PDFs
- · Automated Archived Audit Trail

#### **Built-In Options**

- · Math Modeling
- Temperature Control
- Yield Tests
- Programmable QC Limits, Alarms and End Conditions

#### WHAT'S NEW?

	Standard Version	COMPLIANT VERSION	
Viscosity Wizard	Included	Included	
Digital Leveling	Included	Included	
Automated Oscillation Test	Included	Included	
Updated Gap Setting	Included	Included	
Gel Timer Functions	Included	Included	
Barcode Scanning	Optional	Included	
Ethernet Connectivity	n/a	Included	
LIMS Connectivity	n/a	Included	
Compliance to 21 CFR Part 11	n/a	Included	

#### **OPTIONAL ACCESSORIES**

RheocalcT Software

Label Printer

Bar Code Scanner

Ball Bearing Suspension (standard in high torque instruments)

Viscosity Standards

Quick Action Lab Stand

Temperature Bath

Embedded Temperature Probe in Sample Cup

Luer and Purge Fittings

Additional Cone Spindles

Protective Touchscreen Covers

Gel Timer Specific Coupling Assembly

VISCOSITY RANGE SPEEDS

cP(mPa•s)

This chart covers cones 40, 41, 42, 51 and 52.

(2600 available)

	MODEL	Min.	Max.	RPM	Number of Increments			
	DVNXLV	0.1	92K	.01-250	2.6K			
	DVNXRV	1	983K	.01-250	2.6K			
	DVNXHA	2.6	2 M	.01-250	2.6K			
	DVNXHB	10.5	7.8M	.01-250	2.6K			

K = 1 thousand M = 1 million cP = Centipoise

mPa•s = Millipascal•seconds



<sup>\*</sup> Only available in Compliant Version.