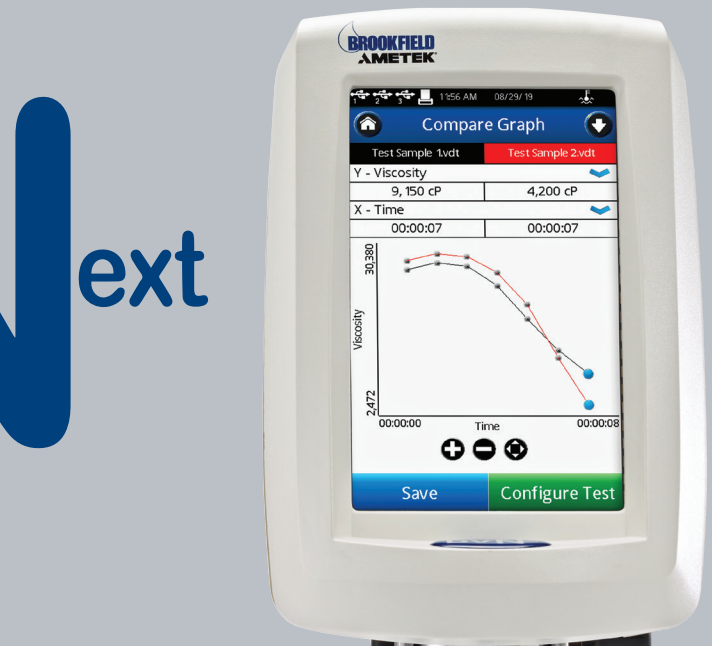
Brookfield brings full compliance to stand-alone instruments

DVNext

RHEOMETER

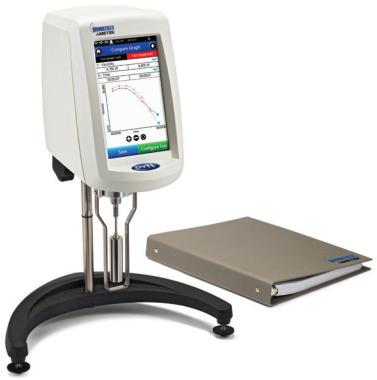


- Quick Set up with new Viscosity Wizard and Digital Leveling
- Ethernet and LIMS Connectivity
- Single-handed Spindle Installation and Removal
- Compliant to 21 CFR Part 11 in Stand-alone Mode

BROOKFIELD AMETEK®

DVNext™
RHEOMETER

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



FEATURES

Cone/Plate Version

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

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

GAMP

21 CFR Part 11 Compliant
Customizable User Access
Date and Time Stamp File
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?

Viscosity Wizard
To be up and running quickly

Digital Leveling
To ensure when testing you are always level

Automated Oscillation Test
Confirms proper operation

Ethernet Connectivity
For ease of saving your data

LIMS Connectivity
Always have your data where you need it

Compliance to 21 CFR Part 11
In Stand-alone mode

Magnetic Coupling System
For quick one handed installation and removal of spindles

Barcode Scanning
To make work easier and accurate

Updated Gap Setting in Cone/Plate versions

Gel Timer Functions
In standard configurations

OPTIONAL ACCESSORIES

RheocalcT Software
Label Printer
Bar Code Scanner
Vane Spindles
Ball Bearing Suspension
(standard in high torque instruments)
Viscosity Standards
RV/HA/HB-1 Spindle
Magnetic Coupling System
Quick Action Lab Stand
Temperature Bath
Small Sample Adapter
UL Adapter
Thermosel
Helipath Stand with T-bar Spindles
Spiral Adapter
DIN Adapter
Gel Timer Specific Coupling Assembly

	VISCOSITY RANGE cP(mPa•s)		SPEEDS (2600 available)	
MODEL	Min.	Max.	RPM	Number of Increments
DVNXLV	1†	6M	.01-250	2.6K
DVNXRV	100††	40M	.01-250	2.6K
DVNXHA	200††	80M	.01-250	2.6K
DVNXHB	800††	320M	.01-250	2.6K

†1 cP achieved with UL Adapter accessory. 15 cP on LV with standard spindles.
†† Minimum visocosity is achieved with optiuonal RV/HA/HB-1 spindle.
B = 1 billion M = 1 million K = 1 thousand cP = Centipoise
mPa•s = Millipascal•seconds