

Technical Specification

Features

PC Interface for use with optional Wingather SQ Software and output connection to printer
Available as a choice of multiple languages: English, French, German, Portuguese, Russian, Spanish
Simplified user interface for more direct access to features
Direct access to time measurement function (time to torque, time to stop)
Temperature off-set capability to $\pm 5^{\circ}\text{C}$
Senses and displays continuously
Viscosity (cP or mPa·s)
Temperature ($^{\circ}\text{C}$ or $^{\circ}\text{F}$) (OPTIONAL)
% Torque
Speed (rpm)
Spindle used
Torque measurement accuracy: 1% of full scale range
Repeatability: 0.2% of full scale range
Select all functions from user-friendly keypad
Choice of 18 rotational speeds
Optional RTD temperature probe
Auto-zero function to ensure precision torque measurement
Auto-range function to define full scale range (FSR) for all spindle/speed combinations
Warns of under- or over-range torque measurement condition
Printing to Dymo® capability
Timed Stop feature to measure viscosity at precise user specified time interval
Time to Torque feature to measure the time interval for sample to reach user defined torque value
Compatible with all Brookfield accessories
NIST traceable viscosity standards available

Specification

VISCOSITY RANGE

SPEEDS

cP (mPa·s)

MODEL	Min.	Max.	RPM	Number of Increments
DV1MLV	1†	2M	.3-100	18
DV1MRV	100††	13M	.3-100	18
DV1MHA	200††	26M	.3-100	18
DV1MHB	800††	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 spindle.

B=1 Billion M=1 million cP=Centipoise
mPa·s=Millipascal·seconds

Should Include:

Instrument

[6 spindles \(RV/HA/HB\)](#)

[or 4 spindles \(LV\)](#)

Lab Stand (Model A)

Carrying Case