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DVNext™ Quick Start Guide

Instrument Setup

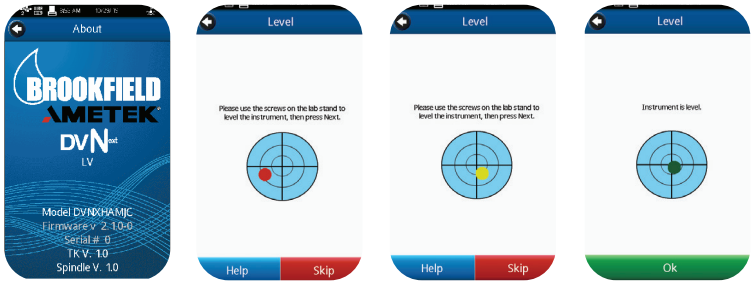
- Assemble the Model G Laboratory Stand (refer to assembly instructions in Appendix K of the manual).
- Put the rheometer on the stand.
- Connect the RTD probe to the socket on the rear panel of the DVNext and connect the power cord.
- Remove the shipping cap. For Cone/Plate Models, hold the Sample Cup and swing the tension bar away from the bottom of the cup. Lower the cup and remove the foam insert. (Save for future shipments.)

Power Up

- Turn on the DVNext. If the login screen appears, the password for the administrator login is admin.

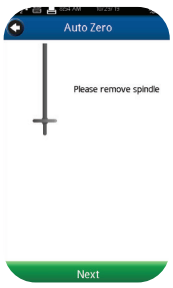
Digital Leveling

- After start-up, User will be prompted to level the DVNext, follow the on-screen instructions. Note: if the DVNext is level, there will be no prompt for leveling.



AutoZero

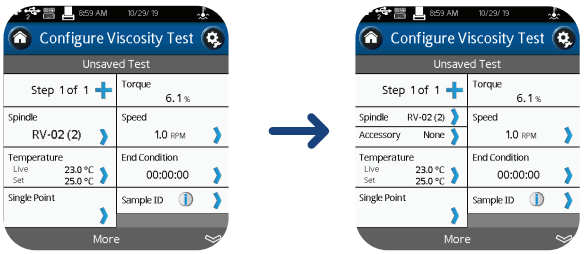
- Once leveling is complete, an AutoZero must be performed before making a viscosity measurement.



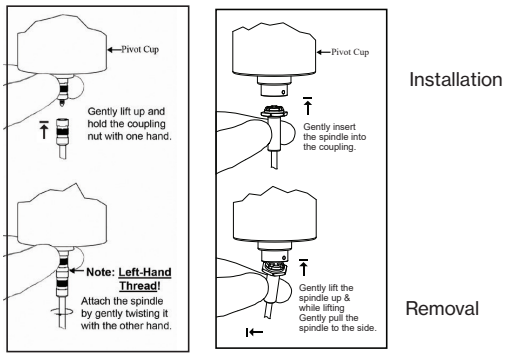
Configure Viscosity Test

- If using the barcode scanner, ensure proper operation by scanning the barcode prior to initial use.

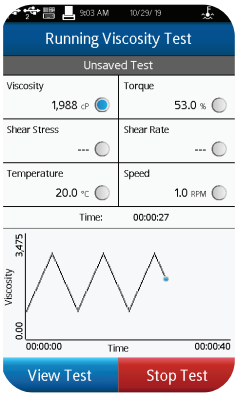
- In this screen, select spindle and speed. Confirm that Data Collection is set to Single Point and End Condition is set to Time 00:00:00.
  Note: DVNext Compliance has additional Accessory information. See the figures.



- Immerse the spindle gently at an angle into the test sample.
- Lower the DVNext using the lab stand.
- Attach the spindle to the coupling nut. Note: Left-hand thread. If equipped with magnetic coupling, use the appropriate procedure to connect the spindle (see Section III.5 of User Manual).



- Align the immersion mark on the spindle to the fluid surface by adjusting the lab stand.
- Press the Run button, take appropriate action for pop-up dialogs. The screen will change to the Running Viscosity Test Screen.



- When ready to record the measurement results, press the Stop Test button. Take appropriate action for pop-up dialogs. The screen will change to the Results Table. Record the % torque and viscosity and then press OK.
- To run another test, press Configure Test. To return to the Home Menu, press the Home Icon.
- For more detailed information, please refer to the Operating Instructions: Manual No; M19-2101.
- For proper use with barcode scanner, refer to Section III.7 of the Operating Instructions.