**DV1™ Viscometer**

The only viscometer in its class to offer continuous sensing and data display at such a low price!

**User Configuration Display**
- User choice of most important parameter is displayed in larger font size
- Choice of static or scrolling display mode

**Displayed Info:**
- Viscosity (cP, P, mPa•s, Pa•s)
- % Torque
- Speed/Spindle
- Temperature (°C or °F)
  - if RTD Temperature Probe is purchased

**Choice of Multiple Languages**
- English, French, German, Portuguese, Russian, Spanish

**USB PC interface**
- for use with optional Wingather SQ Software

**18 speeds**
- provide great range capability

**Optional RTD Temperature Probe DVP-94Y**
- Direct access to time measurement function (time to torque, time to temperature, time to stop)

**Accuracy:**
- ±1.0% of range

**Repeatability:** ±0.2%

**Temperature offset capability to ±5°C**

**Automatic Range Calculation:**
- Full Scale Range (FSR) at 100%
- Maximum viscosity measured with Spindle/Speed combination

---

**What’s Included?**

- Instrument
- 6 spindles (RV/HA/HB)
- or 4 spindles (LV)
- Spindle Guard Leg*
- Lab Stand (Model G)
- Carrying Case
  - *Not applicable to HA or HB torque models

**Optional Accessories**

- Wingather SQ Software E
- RTD Temperature Probe
- Ball Bearing Suspension (RV/HA/HB)
- EZ-Lock Spindle Coupling System
- Viscosity Standards
- Protective Keypad Covers
- Dymo Printer
- RV/HA/HB-1 Spindle
- Quick Action Lab Stand
- Temperature Bath
- Small Sample Adapter
- UL Adapter
- Thermosel
- Helipath Stand with T-bar Spindles
- Spiral Adapter
- DIN Adapter
- Quick Connect/Extension Links
- Vane Spindles

---

**VISCOSITY RANGE cP(mPa•s) **

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Min.</th>
<th>Max.</th>
<th>RPM</th>
<th>Number of Increments</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV1MLV</td>
<td>1*</td>
<td>2M</td>
<td>.3-100</td>
<td>18</td>
</tr>
<tr>
<td>DV1MRV</td>
<td>100</td>
<td>13M</td>
<td>.3-100</td>
<td>18</td>
</tr>
<tr>
<td>DV1MHA</td>
<td>200</td>
<td>26M</td>
<td>.3-100</td>
<td>18</td>
</tr>
<tr>
<td>DV1MHB</td>
<td>800</td>
<td>104M</td>
<td>.3-100</td>
<td>18</td>
</tr>
</tbody>
</table>

* Minimum ranges can be extended to as low as 1 cP with the use of Brookfield Accessories
** Standard torque range values
$M = 1$ million  $cP = $Centipoise  $mPa•s = $MilliPascal•seconds
**Wingather SQ Software** Optional (see p14 for more details)

DATA COLLECTION SOFTWARE TO COLLECT, ANALYZE AND RECORD TEST DATA

Wingather software provides an easy way to gather data and plot graphs while creating permanent test records.

Important features and benefits enhance operator versatility in performing viscosity tests:
- Multiple test modes to enhance data collection
- Follow up events including analysis through math models which calculate yield stress and plastic index
- Automatic sample numbering
- Data graphing of up to 20 data sets concurrently
- Data export to spreadsheet format (Excel)

The DV1 Viscometer communicates to the PC through USB A port. The interface cable is supplied with Wingather SQ Software. Successful communication is indicated by a green light beside the port designation.

Dashboard shows current test information.

Data table and graph shows test record at a glance.

Excel® is a registered trademark of Microsoft Corporation in the United States and/or other countries.