**Wells/Brookfield™ Cone & Plate**
optional small sample configuration for DV3T, DV2T & DV1
Available only when instrument is first purchased

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**Determine absolute viscosity**
of small samples (0.5 – 2.0 mL)

**Available in these models**
- DV3T Rheometer
- DV2T Viscometer
- DV1 Viscometer

**Accuracy:** ±1.0% of range

**Repeatability:** ±0.2%

**Electronic Gap Adjustment™**
- Simplified setup
- Accurate
- Easy-to-use

**RTD Temperature Sensor**
in Sample Cup (Optional)
provides direct measurement of sample temperature

**Control Sample Temperature**
using a Brookfield circulating water bath

**Rapid temperature control**
due to small sample size

**Recommended Temperature Range:**
5°C to 80°C

**Precise shear rates**
for determining a material's flow curve behavior

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**What's Included?**

- Instrument
- Lab Stand
- Choice of one Cone Spindle
- Sample Cup

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**Optional Accessories**

- Embedded Temperature Probe in Sample Cup
- Luer and Purge fittings
- Ball Bearing Suspension
- Additional Cone Spindles
- Viscosity Standards
- Circulating Temperature Bath
- RheocalcT Software (DV3T & DV2T only)
- Wingather SQ Software (DV1 only)
- Protective Keypad Covers

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**Viscosity Range* cP(mPa*s)**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CPA-40Z</th>
<th>CPA-41Z</th>
<th>CPA-42Z</th>
<th>CPA-52Z</th>
<th>CPA-51Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spindle: CPA-40Z</td>
<td>1 - 3K</td>
<td>1 - 3K</td>
<td>1 - 3K</td>
<td>1 - 3K</td>
<td>1 - 3K</td>
</tr>
<tr>
<td>Volume: .5mL</td>
<td>5 - 11K</td>
<td>2 - 6K</td>
<td>2 - 6K</td>
<td>4 - 6K</td>
<td>4 - 6K</td>
</tr>
<tr>
<td>Speeds: 2 - 48K</td>
<td>5 - 16K</td>
<td>9 - 30K</td>
<td>20 - 512K</td>
<td>39 - 983K</td>
<td></td>
</tr>
<tr>
<td>RPM: .01 - 250</td>
<td>2.6K</td>
<td>2.6K</td>
<td>2.6K</td>
<td>2.6K</td>
<td>2.6K</td>
</tr>
<tr>
<td>N = RPM</td>
<td>.01 - 250</td>
<td>2.6K</td>
<td>2.6K</td>
<td>2.6K</td>
<td>2.6K</td>
</tr>
</tbody>
</table>

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*Dependant upon cone selected.*

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**M = 1 million**
**K = 1 thousand**
**cP = Centipoise**
**mPa s = Millipascal-seconds**
**ml = Milliliter**
**N = RPM**
**e.g. Spindle CPA-40Z 7.50 x 10 (rpm) = 75.0 sec⁻¹**

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* *Dependant upon cone selected.*

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RheocalcT Software  Optional for DV2T and DV3T
GET TOTAL CONTROL OF YOUR INSTRUMENT AND TEST PARAMETERS

Automatically control and collect data with RheocalcT and a dedicated computer. RheocalcT can analyze data, generate multiple plot overlays, print tabular data, run math models and perform other time-saving routines. Up to five comparison data sets can be plotted and saved. Other features include:

- Wizards to guide you through the creation of common tests
- Secure 21CFR features including multiple logins, access levels, digital signatures, and data storage in a password-protected database
- Looping functions for repetitive tasks
- Averaging of collected data by step or whole test
- Math models: Bingham, Casson, Casson NCA/CMA, Power Law, IPC Paste, Herschel-Bulkley, Thix Index

Wingather SQ Software  Optional for DV1
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. Data can be saved in the program or exported to Excel.

- Automates data collection to save time
- Reduces operator error
- Math modeling for yield stress calculations, plastic index
- Plot up to four data sets for comparisons

Optional Sample Cup

The Optional Sample Cup has luer and purge fittings for introducing and removing test sample while cup remains attached to instrument.