

RST-CC Touch Rheometer

Coaxial Cylinder DIN Geometries for single point QC or full rheological profiling

Spindle Barcode
for auto spindle recognition

Controlled shear stress/shear rate
operation makes it easy to study material behavior from initial yield to low curve response

Optional Rheo3000 Software
allows for PC control and data acquisition/analysis of multiple test files

Quick Connect Coupling
for easy bob (spindle) attachment

Rugged Design
permits use on production floor

Small sample size
facilitates rapid temperature control during testing

Temperature Control
from -20°C to 180°C

Choice of
- Direct immersion in bath
- External circulation using the FTKY3 Water Jacket



Cone/Plate Accessory provides extended range capability for shear rate and viscosity

What's Included?

Instrument with stand and adjustable height control with base
Convenience Package (Cleaning Cloth, Screen Protector)

Optional Accessories

Choice of Coaxial Cylinder Bob (spindle) and Chamber at least one bob and chamber is required (p47)
FTKY3 Water Jacket for Temperature Control
Rheo3000 Software (p29)
Viscosity Standards (p53)
Cone/Plate Accessory (p27)
KE Cooling Device (required for temperatures over 70°C)
PT-E Immersion Temperature Sensor
Disposable Chambers

Water Jacket



Coaxial Cylinder Spindles



Double Gap Coaxial Cylinder for very low viscosity materials

| MODEL | VISCOSITY RANGE (Pa · s) | | SPEEDS |
|-------------------------|--------------------------|-------|-----------|
| | Min. | Max. | RPM |
| RST-CC Coaxial Cylinder | 0.0005 | 5.41M | 0.01-1.3K |

See page 47 for individual bob/spindle ranges dK = 10 thousand 1 Pa · s = 1000 cP (centipoise)

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