

RSX Coaxial Cylinder Rheometer

Ideal Viscometer for Superior Viscosity Profiling

- 7-inch interactive touchscreen
- Tests tough samples with a higher torque motor
- Standalone simplicity for QC users
- Rugged design for industrial use
- Concentric cylinder measurement systems for low-viscosity measurements

What's Included?

- Instrument
- Power cord
- Concentric Cylinder Adapter
- Accessory Kit
 - USB cord
 - Screen Protector
 - Bubble Level



Spindle	Viscosity range (Pa•s)	Shear rate sec ⁻¹	Max. Shear stress Pa	Sample volume mL
CCT-DG	0.0006 – 8k	0.043-4344	354	15.7
CCT-40	0.004 – 55k	0.0215-2148	1188	68.5
CCT-25	0.027 – 354k	0.013-1289	4568	16.8
CCT-14	0.151 – 2.01M	0.013-1297	26021	3.4
CCT-8	0.813 – 10.83M	0.013-1287	139370	1.0

RSX CC Rheometer

Designed to accommodate the high throughput needs of QC laboratories

Features

Controlled shear stress/shear rate operation makes it easy to analyze comprehensive flow behavior

Large, user-friendly touchscreen and graphical display for standalone operation

Quick Connect Coupling System for easy spindle attachment

Motorized stand for easy height selection

Temperature control from -20°C to 180°C with choice of direct immersion in a bath or external circulation using the FTKY3 water jacket

Quantifies properties like Viscosity Profiling, Thixotropic response, creep analysis, and Yield stress determination

Spindle barcode for auto spindle recognition

The use of cylindric geometries provides the most accurate measurement results, especially in the low-viscosity ranges

Rugged design for use on the production floor

Increased 200 Nm torque motor for testing tough samples

Optional Accessories

- Water Jacket for Temperature Control
- Bob (spindle) and Chamber
- Vane (spindle)
- Theromsel System
- Soft Solids (SST) Sample Table

Rheo3000 Software

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



Applications:

- Adhesives
- Biomass
- Food and Beverages
- Gypsum
- Pharmaceuticals
- Chemical Production
- Paints and Coatings
- Petroleum

