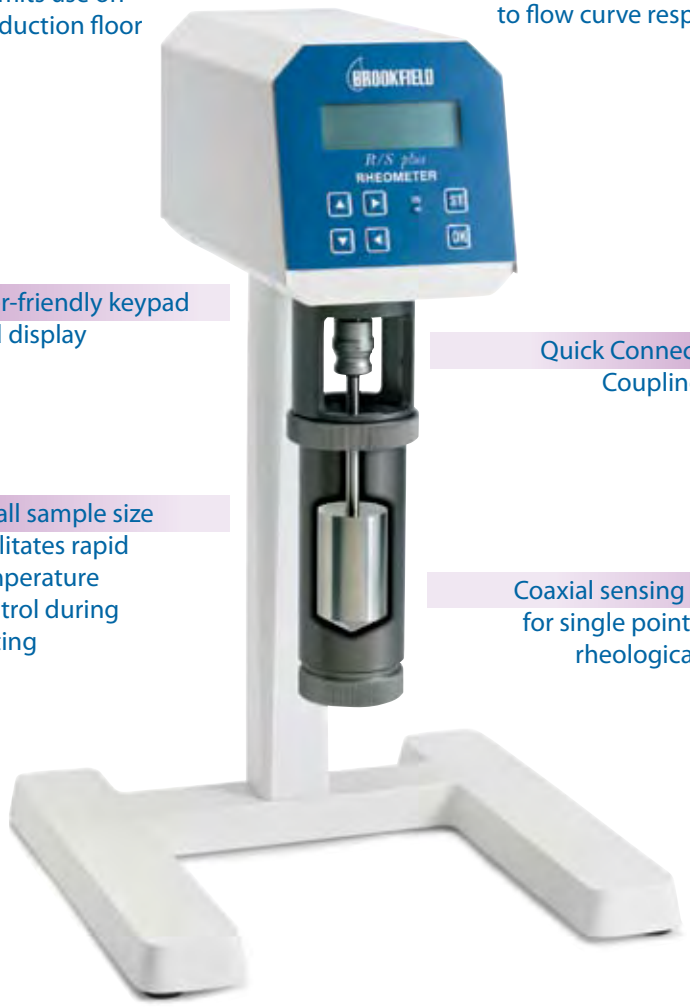
R/S-CC Coaxial Cylinder Rheometer

for accurate shear rate control and absolute viscosity measurement

Stand-alone operation permits use on production floor

Controlled shear stress/shear rate operation makes it easy to study material behavior from initial yield to flow curve response (p41)



User-friendly keypad and display

Quick Connect Coupling

Small sample size facilitates rapid temperature control during testing

Coaxial sensing geometry for single point QC or full rheological profiling

Chambers

Water Jacket

Coaxial Cylinder Spindles

What's Included?

Instrument

Base

Optional Accessories

Choice of Spindle Geometries (p41)

Rheo3000 Software ▼

Viscosity Standards (p47)

Additional Spindles/Chambers (p41)

Disposable Chambers

Quick Connect Bayonet Chambers

FTK Water Jacket for Temperature Control

PT-E Immersion Temperature Sensor PT100

KE Cooling Device*

*required for temperatures over 90°C

Rheo3000 Software Optional

For programmed control and data analysis with a computer

Program shear stress or shear rate, temperature and test time requirements, and let your PC do the data collection and analysis work for you! Mathematical data processing models included: Newton, Bingham, Casson, Herschel-Bulkley, Ostwald, Steiger-Ory. For integrated temperature control, contact Brookfield for details.

Sample Chamber Options

Chambers	Temperature
Immersion Chambers	-20°C to 180°C
FTK Water Jacket Chambers	-20°C to 180°C
Disposable Chambers	-20°C to 180°C

See page 41 for spindle ranges and sample volumes.