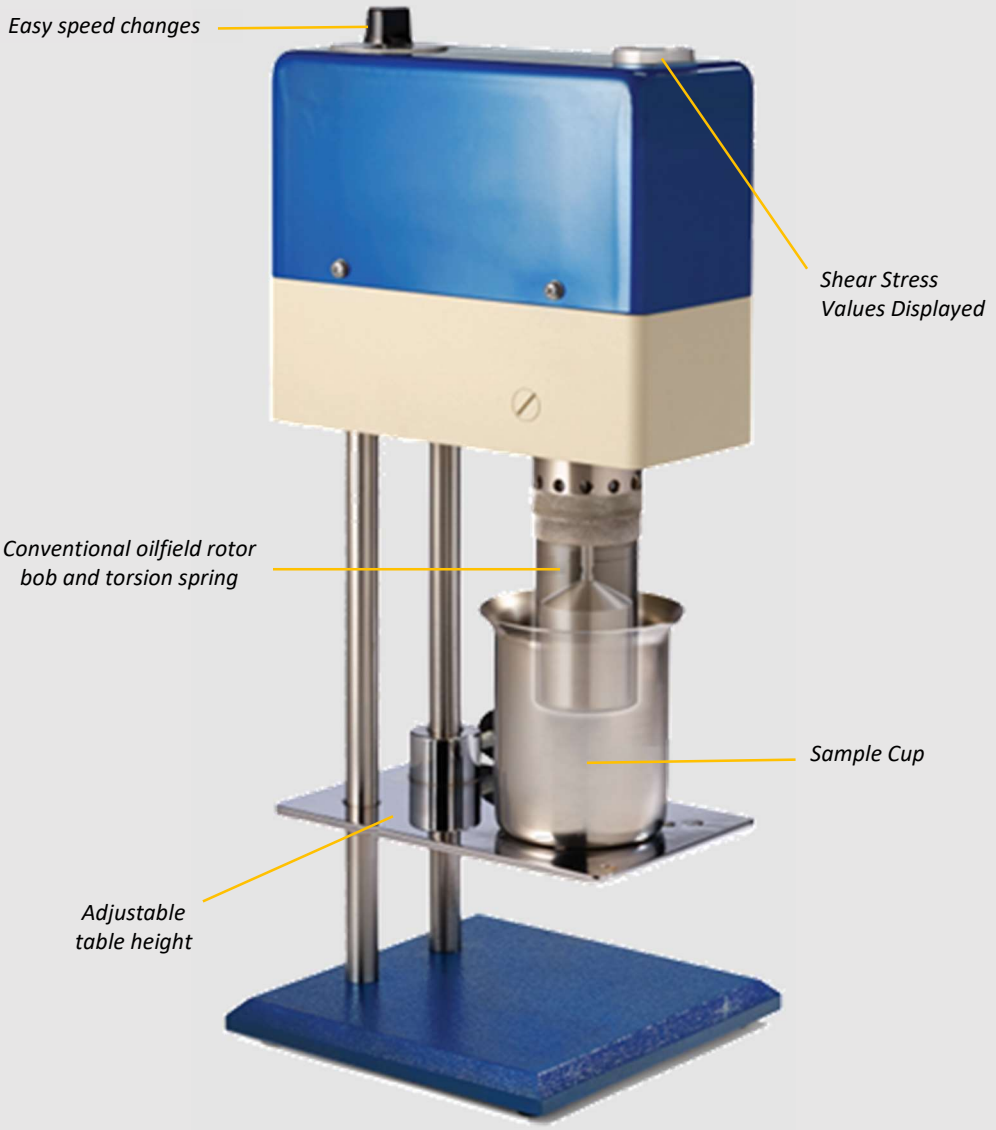
Accurate viscosity measurement of oil drilling and fracturing fluids in both the field and lab

BF35

VISCOMETER



- Maintains a constant shear rate under varying input power and drilling fluids
- Easy speed changes
- Conventional oilfield rotor, bob and torsion spring
- Adjustable table height to accommodate a variety of beaker and container sizes

BF35

LABORATORY VISCOMETER

The perfect solution for defined shear inline measurement systems

Features

Uses conventional oilfield rotor, bob and torsion spring to maintain rheology history and reproducibility between instruments and laboratories

Determines the flow characteristics of oils and drilling fluids in terms of shear rate and shear stress over various time and temperature ranges at atmospheric pressure

Suitable for both field and laboratory use

The viscometer's motor RPM is continuously monitored and automatically adjusted by the Brookfield Pulse-Power electronic speed regulator to maintain a constant shear rate under varying input power and drilling fluid shear conditions

Eight precisely regulated test speeds (shear rates in RPM) are available: 3 (Gel), 6, 30, 60, 100, 200, 300, and 600

The electronic regulator continuously monitors and automatically adjusts the rotational speed to maintain a constant shear rate under varying fluid shear conditions and input power variations that are commonly found on-site

Speeds are easily changed with a control knob, and shear stress values are displayed on a lighted magnified dial for ease of reading

Adjustable table height to accommodate a variety of beaker/containment sizes

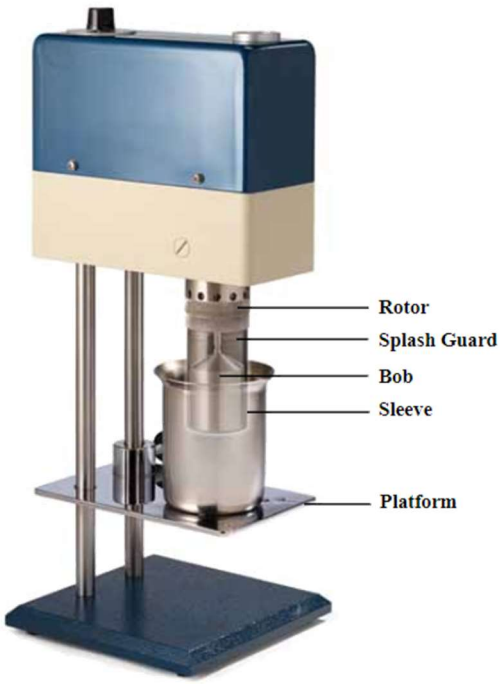
What's included

Instrument with F1.0 spring torque

Choice of Bob spindle

Sample cup

Carrying case



Parameter	Specification
Geometry	True Coulette Coaxial Cylinder
Motor Speeds	8 fixed (3, 6, 30, 60, 100, 200, 300, 600 rpm)
Min. Viscosity	0.5 cP (@600 rpm)
Max. Viscosity	10,000,000 (@0.01 rpm)
Speed Accuracy	0.001 rpm
Readout	Direct dial with light
Heat Cup	Stainless steel, 150 Watt, 190°F (88°C) maximum recommended temp
Power requirements	97-250 VAC, 50/60 Hz (12 VDC operation requires special cable)
Carrying Case	Included