



Model 35A/SR12 Viscometer

“The Standard of the Industry”

Fann Model 35A/SR12 Viscometers are true *Couette* coaxial cylinder rotational viscometers. With this type of viscometer the sample is confined between two concentric cylinders, one of which, the rotor, is rotated at a constant velocity. The rotation of the rotor in the presence of the sample produces a torque that is measured at the wall of the inner cylinder. The cylinder radii are such that the sample is homogeneous and the shear-stress is as uniform as possible across the gap.

FANN Direct Indicating Viscometers are powered by a motor with a speed reduction gear box. The outer cylinder is driven at a constant rotational velocity for each RPM setting. The rotation of the sleeve on the cement slurry produces a torque on the inner cylinder which is also transmitted to the bob. A torsion spring restrains the movement of the bob and a dial attached to the torsion spring indicates the displacement of the bob.

Twelve total test speeds of 0.9, 1.8, 3, 6, 30, 60, 90, 100, 180, 200, 300, and 600 RPM allow for measurement over an extended shear-rate range in accordance with **API Recommended Practice 10B**.

Ordering Information:

All 12 speed viscometers are supplied with 115 volt motors. For operation on 230 volts a step-down transformer is required. Standard configuration includes R1 Rotor, B1 Bob, F1 Torsion Spring, & Stainless Steel Sample Cup.

No. 207200 - Model 35A/SR12 Viscometer, 115 Volt, 60 Hz

No. 207201 - Model 35SA/SR12 Viscometer, 115 Volt, 50 Hz

No. 101671771 - Model 35A/SR12 Viscometer, 115 Volt, 60 Hz
Includes: High Impact Plastic Carrying Case

No. 101671767 - Model 35SA/SR12 Viscometer, 115 Volt, 50 Hz
Includes: High Impact Plastic Carrying Case & 230/115 Volt Transformer

No. 205722 - Step-Down Transformer, 230/115 Volt, 50/60 Hz

6-Speed Model 35 Viscometers are also available

Fann offers a complete line of viscometer parts and accessories, including:

- Rotors & Bobs in a variety of dimensions
- Torsion Springs of various constants
- Sample Heating Cups
- Certified Calibration Fluids
- Calibration Kits
- Heating Baths
- Circulating Cups
- Cold Water Rheology Kit



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Fann offers a complete line of instrumentation for testing all types of drilling fluids in accordance with *API Recommended Procedures*

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