

Static Fluid Loss Testers

Description

Fann's Dual Cell Fluid Loss Test Assembly and Single Cell Fluid Loss Test Assembly provide a reliable way to measure fluid loss characteristics of an oil well cement.

Successfully cementing the casing string of an oil or gas well is highly dependent upon the characteristics of the cement slurry. Properties that should be considered include consistency, density, rheological properties, filtration control, and the ability to quickly develop compressive strength.

Oil well cements that have poor filtration control can lead to a complete failure of the cementing operation. In addition, the invasion of filtrates into producing zones causes formation damage, which can greatly reduce the production potential of a reservoir. Developing cement slurries that have minimal filtration loss can prevent expensive remedial cementing operations and reduce formation damage.



Application

Fann's Fluid Loss Testers measure fluid loss of cement slurries, drilling fluids, and fracturing fluids under elevated pressure and temperature conditions.



Advantages

- Meets or exceeds equipment specifications for API Recommended Practice for Testing Well Cements
- Double-ended cell caps for easy maintenance
- Choice of single cell or dual cell
- Choice of 115 volt or 230 volt

Specifications	
Maximum Temperature	200°F (93.3°C)
Rated Working Pressure	1,500 psi (10.3 MPa)
Power Requirements	115/230 VAC, 50/60 Hz Single Cell 1800 watts Dual Cell 3600 watts
Power Output	Single Cell 1600 watts Dual Cell 3200 watts
Filtration Area	3.5 in ² (22.6 cm ²)
Filtration Media	325 mesh screen/60 mesh screen
Measured Property	Fluid Loss, filtrate volume/time

Ordering Information

P/N 210195	Fluid Loss Tester, Dual Cell, 115 Volt
P/N 210199	Fluid Loss Tester, Dual Cell, 230 Volt
P/N 101502980	Fluid Loss Tester, Single Cell, 115 Volt
P/N 101533370	Fluid Loss Tester, Single Cell, 230 Volt

Fann Instrument Company offers a complete line of equipment, materials, and supplies for analyzing various drilling fluids and oil well cements in accordance with API Specifications and API Recommended Practices.