Model 3040 HTHP Viscometer



Brand: OFI Testing Equipment, Inc.
Product Code: 130-80
Availability: Call for availability
Call for Price: 832-320-7300

Description

For extremely high temperature and / or high pressure viscosity measurements, OFITE offers the Model 3040 HTHP Viscometer. This fully-automated system accurately determines the rheological properties of drilling fluids, completion fluids, and cement in terms of shear stress, shear rate, time, and temperature at pressures up to 30,000 psi (206.9 MPa) and temperatures up to 500°F (260°C).

Using the exclusive ORCADA® software, a computer novice can operate the viscometer, and yet the system is versatile enough for advanced research and demanding test parameters.

Features

- Low Shear Rates: As low as .01 sec^{-1}
- Real Oilfield Geometry - uses traditional oil field Bob and Rotor for measurements that are easy-to-use.
- Touchscreen Display - intuitive interface shows current temperature, pressure, rpm, viscosity, and shear stress
- Computer-Controlled - uses OFITE’s exclusive ORCADA® software.
- Versatile ? Operates on 115 or 230 volt
- Ergonomic Design

Specifications

- Maximum Pressure: 30,000 PSI (206.8 MPa)

- Maximum Temperature: 500°F (260°C)
- Motor Speed: .01 - 1000 RPM
- Shear Rate Range: .01 - 1022 sec^{-1}
- Viscosity Range: 0 - 300 cP @ 300 RPM

Requirements

- Electrical: 115 or 230 Volt, 50/60 Hz
- Air Supply: 100 - 150 psi
- Water Source: standard tap water
- Water Drain

Software Features

- Write programs based on time, temperature and shear rates
- Multiple calibration points: low and high shear rates
- Computer automatically stores data
- Multiple rheological programs available

Part Number

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