



CEMENT TESTING EQUIPMENT

For over 30 years OFI Testing Equipment (OFITE) has provided instruments and reagents for testing drilling fluids, well cements, completion fluids, and wastewater. In addition to these product lines we also offer a range of instruments for core analysis. From our manufacturing facility in Houston, TX we provide customers all over the world with quality products and exceptional service.

Our cement product line includes innovative designs such as the Static Gel Strength Measurement Device (SGSM) which showcases our ability to develop new technology to meet customer and industry demands. We also offer Ultrasonic Cement Analyzers (UCA), Constant Speed Blenders, Automated HTHP Consistometers, and all other instruments required to evaluate cement properties according to API Specification 10.

As an independent manufacturer and supplier, OFITE has one priority, our customers.

Model 130 HTHP Benchtop Consistometer

The OFITE Model 130 Benchtop Consistometer was specifically engineered to determine the thickening time of well cements under simulated down-hole pressures and temperatures. It can also be used to easily condition well cements under temperature and pressure for further API testing. Its compact, lightweight design makes the unit ideally suited for benchtop use.



Features

- Touch screen display controls temperature and displays and graphs temperature, pressure, and consistency
- Can operate with a computer or in standalone mode
- Conditions well cement under temperature and pressure for further API testing
- Pressure generated via an air-driven hydraulic pump
- Drive table is rotated with a magnetic drive
- External cooling jacket aids cooling of the test cell
- Electronic timer with alarm, elapsed 0.1 minute resolution
- Deadweight calibration unit included
- Temperature and consistency alarms provide automatic shutdown
- Safety head with rupture disk are provided
- Unit is fully capable of testing cements in strict accordance to the guidelines as stated in API Specification 10
- Pressure displayed in PSI/MPa; Temperature displayed in °F/°C
- Compact size and light weight make the unit suitable for the benchtop





Technical Specifications and Requirements

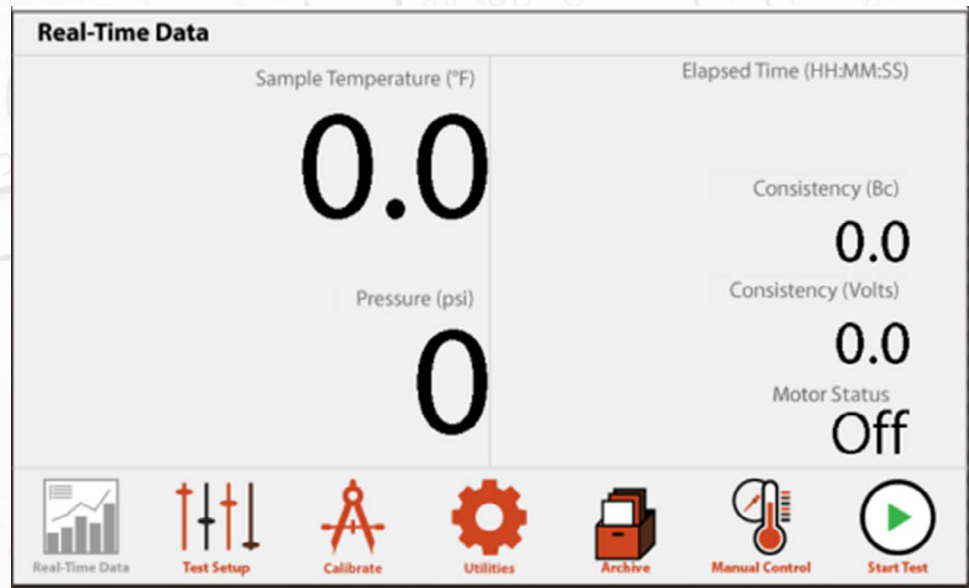
- #120-90 Model 130 HTHP Benchtop Consistometer
- #120-90-DAS Model 130 HTHP Benchtop Consistometer with Data Acquisition

Specifications

- Maximum Pressure: 16,000 PSI (110.3 MPa)
- Maximum Temperature: 400°F (204.4°C)
- Display: Touch Screen
- Internal Heater: 2,500 Watt
- Slurry Cup: 150 RPM Rotational Speed, 316 Stainless Steel
- Size: 25" × 16" × 20" (64 × 41 × 51 cm)
- Weight: Approximately 215 lb (97.6 kg)

Requirements

- Air/Nitrogen Supply: 100 - 150 PSI (690 - 1,035 kPa)
- Power Supply: 220 Volt, 50/60 Hz, 25 Amp
- Water Supply for Cooling: 40 PSI (276 kPa)
- Water Drain



Touch Screen Display