



Taha Kimia Tajhiz Co.



Ofite Co.

# Model 130 HTHP Benchtop Consistometer Datasheet

**Cement Testing/ Thickening Time Tests  
(Consistometers) Equipment**



## ***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. Its compact, lightweight design makes the unit ideally suited for benchtop use.



### **Features Include:**

- Pressure generated via an air-driven hydraulic pump
- Drive table is rotated with a magnetic drive
- External cooling jacket aids cooling of 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
- Compact size and light weight make the unit suitable for the benchtop





## Technical Specifications and Requirements

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### #120-90-Model 130 HTHP Benchtop Consistometer

#### Specifications

- Maximum Pressure: 16,000 PSI (110.3 MPa)
- Maximum Temperature: 400°F (204.4°C)
- Temperature Controller: Digital PID 1° Resolution
- Internal Heater: 2,500 Watt (5,000 Watt Available)
- Slurry Cup: 150 RPM Rotational Speed; 316 Stainless Steel
- 220 Volt, 50/60 Hz, 25 Amp electrical power supply
- Size: 25 × 16 × 20 inches (63.5 × 40.6 × 50.8 cm)
- Weight: Approximately 215 lb (97.6 kg)

#### Requirements

- Air/Nitrogen Supply (100 - 150 PSI / 690 - 1,035 kPa)
- Water Supply for Cooling (40 PSI / 276 kPa)
- Water Drain