



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 60 Atmospheric Consistometer

The Model 60 Atmospheric Consistometer is used for conditioning cement slurries as specified within API Specification 10. Determination of rheological properties, examination of free water content, and evaluation of the API fluid loss test all require that the cement slurry be pre-conditioned by an Atmospheric Consistometer.



Features

- Temperature is maintained via a PID controller, to increase accuracy and reproducibility
- Unit is operated at atmospheric pressure
- Process temperature is displayed digitally, for easy reading
- Heat transfer fluid (oil) is continuously circulated, ensuring a consistent temperature is maintained
- Slurry container rotational speed is 150 RPM to meet API specifications
- Dual container design so that two slurries can be conditioned at the same time
- Cooling system included to allow cooling the slurry below room temperature
- Stainless steel temperature bath resists corrosion, ensuring long life
- Dead-weight calibration unit helps keeps the unit in calibration, ensuring consistent performance





Technical Specifications and Requirements

- #120-75 Model 60 Atmospheric Consistometer, 115 Volt
- #120-75-1 Model 60 Atmospheric Consistometer, 230 Volt

Specifications

- Maximum Pressure: Atmospheric
- Maximum Temperature: 200°F (93.3°C)
- Heater: 1,500 watts
- Slurry Cup Rotational Speed: 150 rpm
- Temperature Control: PID controller
- Temperature Bath Material: Stainless Steel
- Display: Digital
- Size: 24" × 16" × 20" (61 × 41 × 51 cm)
- Weight: 98 lb (44 kg)
- Crated Size: 32" × 21" × 32" (81 × 53 × 81 cm)
- Crated Weight: 200 lb (91 kg)

Requirements

- Water supply and drain for cooling
- 120 Volt at 16 Amp or 230 Volt at 8 Amp, 50/60 Hz