OFITE®

CEMENT TESTING EQUIPMENT

Since 1982, 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.



Benchtop HTHP Curing Chamber

The OFITE Benchtop HTHP Curing Chamber is designed to prepare well cement specimens for compressive strength tests. It is necessary to determine the amount of time required for a cement to develop compressive strength so that drilling/production operations can be resumed as quickly as possible. The goal is to design a slurry that can quickly develop compressive strength so that the "waiting on cement" time may be minimized. The OFITE HTHP Curing Chambers provide a means of curing cement specimens under typical down-hole temperatures and pressures.



Features

- Unit may be utilized to test well cements in accordance to API Specification 10
- Electronic timer measures elapsed time and may be programmed to initiate cooling
- For safety, a pressure relief valve, as well as a safety head with rupture disk are provided
- Test cell cures 4 specimens
- Compact for bench top operation
- Digital programmable temperature controller
- Coolant system quickly cools the test cell
- Dual compression molds meet ASTM standard C-1O9

Technical Specifications and Requirements

- #120-55 - Benchtop HTHP Curing Chamber

Specifications

- Maximum Temperature: 400°F (204°C)
- Maximum Pressure: 5,000 PSI (34.47 MPa)
- Weight: Approx. 215 lb (94.6 kg)
- Dimensions: 25" × 16" × 20" (63.5 × 40.6 × 50.8 cm)
- Shipping Weight: 255 lb (115.8 kg)
- Shipping Dimensions: 30" × 20" × 24" (76.2 × 50.8 × 61 cm)

Requirements

- Power Requirements: 220 Volts, 50 / 60 Hz, 40 Amp
- Air Supply Maximum: 150 PSI (1035 kPa)
- Cooling Water Supply: 40 PSI (276 kPa)

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