



## 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.

## HTHP Filter Press, 500 mL, for Cement

The HTHP (High Temperature, High Pressure) Filter Press is designed for testing drilling fluids and cement under elevated temperatures and pressures. This simulates various down-hole conditions and provides a reliable method for determining the effectiveness of the material being tested.



## Features

- A controlled Nitrogen pressure source (sold separately)
- A pressure manifold with two regulators (primary and back pressure)
- A high-pressure test cell
- Components are fully interchangeable with those marketed by other manufacturers
- Ideal for laboratory use
- Safety valves protect against over pressurization
- High performance hoses, connections, and valves
- A temperature controlled heating jacket for heating the test cell
- Gauges monitor nitrogen tank, primary, and back pressures







## Technical Specifications and Requirements

- #171-03 HTHP Filter Press 500 mL, for Cement, 115 Volt
- #171-04 HTHP Filter Press 500 mL, for Cement, 230 Volt

### Specifications

- Maximum Temperature: 400°F (260°C)
- Maximum Pressure: 2,000 PSI (13,880 kPa)
- Pressure Source: Nitrogen (at least 1500 PSI / 10,343 kPa) - **Sold Separately**
- Test Cell Capacity: 500 mL
- Heater: 800 Watt
- Size: 10" × 18" × 42" (25.4 × 45.7 × 106.7 cm)
- Weight: 53 lb (24.1 kg)
- Shipping Size: 29" × 12" × 16" (74 × 30.5 × 41 cm)
- Shipping Weight: 65 lb (29.5 kg)
- Power Requirement: 115 Volt/230 Volt

### Optional Items

- #170-37 Nitrogen Cylinder, 21" × 7", Right-hand Thread (shipped empty)
- #171-06 Safety Shield

#170-33 HTHP Cell Cap Puller



#170-40 Test Cell Removal and Carrying Tool



#170-91 HTHP Pressure Relief Tool



#170-92 Safety Clamp for HTHP Fluid Loss Cells

