



## DRILLING FLUIDS 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 drilling fluids product line includes innovative designs such as the Model 900 Viscometer, which showcases our ability to develop new technology to meet customer and industry demands. We also offer Retorts, Aging Cells, Roller Ovens, Mud Balances, Filter Presses, and all other instruments required to evaluate drilling fluid properties according to API Recommended Practice 13B-1 and 13B-2.

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



## HTHP Filter Press for Drilling Fluid Testing

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



## Features

- Field portable for easy mobility
- A nitrogen pressure manifold with two regulators (primary and back pressure)
- High performance hoses, connections and valves
- A temperature controlled heating jacket for heating the test cell
- Gauges monitor nitrogen tank, primary, and back pressures
- A high-pressure test cell
- Back pressure receiver
- Safety retainer pins
- Safety valves protect against over pressurization
- Easily configured for other filter media and pressurization



## Technical Specifications and Requirements

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#170-00-3: HTHP Filter Press for Drilling Fluids Testing with 175 mL, Single Capped Cell, N<sub>2</sub> Pressuring Manifold (115 Volt)

#170-01-3: HTHP Filter Press for Drilling Fluids Testing with 175 mL, Single Capped Cell, N<sub>2</sub> Pressuring Manifold (230 Volt)

### Specifications

- Maximum Temperature: 400°F (204°C)
- Maximum Pressure: 2,000 PSI (10,343 kPa)
- Test Cell Capacity: 175 mL
- Pressure Source: Nitrogen (at least 1,500 PSI / 10,343 kPa) – Sold Separately
- Size: 7.5" × 11" × 23.5" (19 × 28 × 60 cm)
- Weight: 27 lb (12.3 kg)
- Shipping Size: 17" × 23.5" × 12.5" (43 × 60 × 32 cm)
- Shipping Weight: 38 lb (17.2 kg)
- Power Requirement: 115 Volt/230 Volt

### Optional Items

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#170-37 Nitrogen Cylinder 21" × 7" (shipped empty)

#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

