



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 Fluids

The High Temperature High Pressure (HTHP) Filter Press is designed to evaluate the filtration characteristics of drilling fluids, cement slurries, fracturing fluids, and completion fluids under elevated temperatures and pressures.



Features

- Field portable
- A controlled pressure source (CO₂)
- Primary pressure CO₂ manifold
- A high-pressure test cell
- A temperature controlled heating jacket for heating the test cell
- Back pressure receiver CO₂ assembly
- Safety retainer pins
- Safety valves protect against over pressurization
- Improved CO₂ puncturing mechanism
- Easily configured for other filter devices and pressurization



Technical Specifications and Requirements

- #170-00 115 Volt
- #170-01 230 Volt

Specifications

- Maximum Temperature: 350°F (176.7°C)
- Maximum Pressure (Cell): 2,000 psi (13.8 MPa)
- Maximum Pressure (Receiver): 750 psi (5.1 MPa)
- Pressure Source: CO₂ Bulbs
- Test Cell Capacity: 175 mL
- Receiver Volume: 15 mL
- Heater: 400 Watt
- Size: 7.5" × 11" × 23.5" (19.1 × 27.9 × 59.7 cm)
- Weight: 27 lb (12.3 kg)
- Shipping Size: 20" × 13" × 13" (51 × 33 × 33 cm)
- Shipping Weight: 33 lb (15 kg)
- Power Requirement: 115 / 230 VAC, 50/60 Hz

Optional

- #170-91 HTHP Pressure Relief Tool
- #170-92 Safety Clamp for HTHP Fluid Loss Cells
- #170-03 Carrying Case, Stainless Steel
- #170-33 HTHP Cell Cap Puller
- #170-40 Test Cell Carrying Tool