



Taha Kimia Tajhiz Co.



Ofite Co.

# HTHP Filter Press for Drilling Fluids, 500 mL Datasheet

**Drilling Fluids Testing / Filtration Equipment**



## 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, 500 mL

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

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- #171-00-C 115 Volt
- #171-01-C 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

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- #170-37 Nitrogen Cylinder, 21" × 7", Right-hand Thread (shipped empty)
- #171-06 Safety Shield
- #171-29 HTHP Cell Assembly, Double -capped, 500 mL, for Ceramic Disks, 2000 PSI



#170-33 Cell Cap Puller



#170-40 Cell Removal and Carrying Tool



#170-91 HTHP Pressure Relief Tool



#170-92 Safety Clamp

