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# OFITE 500 mL HTHP Filter Press

*...for filtration tests above 350°F (176°C).*

## Introduction:

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

The complete assembly consists of the following:

- A controlled Nitrogen pressure source (not included)
- A pressure manifold with two regulators (primary and back pressure)
- A high-pressure test cell
- A heating jacket for heating the test cell
- A suitable stand

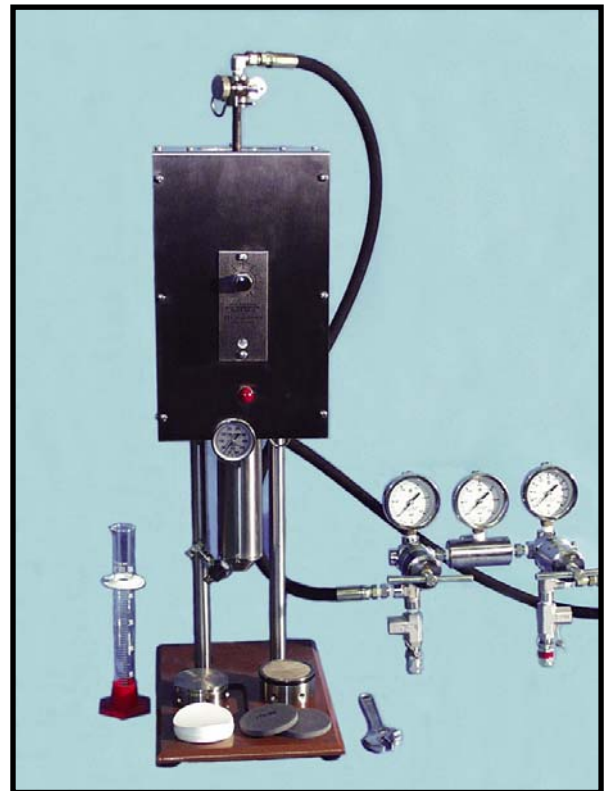
The components of the OFITE HTHP filter presses are fully interchangeable with those marketed by other manufacturers. The 171-00 series HTHP Filter Press is equipped with a 500 mL sample cell and four 200-watt heaters for temperatures above 350°F (176°C), making it ideal for laboratory use. Also included is a regulator manifold system for connecting to bottled nitrogen for higher pressures (up to 2,000 PSI / 13,880 kPa). All HTHP units may be ordered with 115 Volt or 230 Volt power requirements. A wide variety of accessories and replacement parts are also available.

## Specifications:

**Maximum Temperature:** 500°F (260°C)  
**Maximum Pressure:** 2,000 PSI (13,880 kPa)  
**Pressure Source:** Nitrogen (at least 1500 PSI / 10,343 kPa)  
**Test Cell Capacity:** 500 mL  
**Voltage:** #171-00-C: 115V; #171-01-C: 230V  
**Heater:** 800 Watt

## Dimensions:

**Size:** 10" × 18" × 42" (25.4 × 45.7 × 106.7 cm)  
**Weight:** 53 lbs (24.1 kg)  
**Shipping Size:** 29" × 12" × 16" (74 × 30.5 × 41 cm)  
**Shipping Weight:** 65 lbs. (29.5 kg)



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