

# Filter Press, HTHP, 500 mL, Single Capped Cell for Filter Paper, N2 Pressure

**Brand:** OFI Testing Equipment, Inc.

**Product Code:** 171-00-C

**Availability:** Call for availability

## Description

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

## 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" x 18" x 42" (25.4 x 45.7 x 106.7 cm)
- Weight: 53 lb. (24.1 kg)
- Shipping Size: 29" x 12" x 16" (74 x 30.5 x 41 cm)

- Shipping Weight: 65 lb (29.5 kg)
- Power Requirement: 115 Volt/230 Volt

## **Optional Items**

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