

# Filter Press, HTHP, 175 mL, 4 Unit, with Regulators and Temperature Controllers



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

**Product Code:** 170-00-4S

**Availability:** Call for availability

## Description

The new 4-Unit HTHP (also known as HPHT) Filter Press from OFITE is ideal for high-volume laboratory testing. It accommodates four 175-mL HTHP filter press cells. Each cell has a separate electronic temperature controller and two separate pressure regulators (drive pressure and back pressure). This allows each cell to be heated and pressurized independently, while still sharing a single pressure source.

## Features

- Four independent test stations
- Electronic temperature control
- Drive pressure and back pressure regulators for each cell
- Single pressure source
- Complete with all accessories necessary to run four simultaneous tests

## Specifications

- Maximum Temperature: 425°F (218.3°C)
- Maximum Drive Pressure: 1,350 PSI (9.3 MPa)
- Maximum Back Pressure: 750 PSI (5.2 MPa)
- Cell Size: 175 mL (test cells sold separately)
- Pressure Requirements: 3,000 PSI (20.7 MPa)
- Power Requirements: Two 115-Volt or 230-Volt AC Power Sources

## **Components**

- #120-70-1-021: Gauge for Back Pressure, 1000 PSI
- #120-70-1-022-1: Gauge for Top Pressure, 1500 PSI
- #120-70-1-052: Hose, Stainless Steel
- #153-14: Graduated Cylinder
- #170-06-1: Back Pressure Receiver
- #170-19: Filter Paper, 2.5" (6.35 cm) Diameter, Box of 100
- #170-20: Manifold Block
- #170-93: Wrench for Valve Stem
- #171-23-1: Safety Pin with Lanyard
- #171-45-7: Thermocouple
- #174-03: Temperature Controller

## **Optional**

- #170-12-2: Test Cell for Filter Paper, 175 mL, Single Cap
- #170-40: Cell Carrying Tool
- #170-45: Test Cell with Cement Screens, 175 mL, Locking Screws, Double Cap
- #170-46: Test Cell for Ceramic Disks, 175 mL, Locking Screws, Double Cap
- #170-181-S: Test Cell for Drilling Fluids, 175 mL, Threaded
- #170-182-S: Test Cell for Cement, 175 mL, Threaded
- #171-190-028: Cell Stand
- #170-91: HTHP Pressure Relief Tool
- #170-00-4S-SP: Spare Parts Kit
- #170-00-4S-LC: Load Cell Option

## **Part Numbers**

- #170-00-4S: 115 Volt
- #170-00-4S-230: 230 Volt