

# Filter Press, HTHP, Model MB, 4 Unit

**Brand:** OFI Testing Equipment, Inc.  
**Product Code:** 171-50-4  
**Availability:** Call for availability

## Description

The 4-unit Model MB HTHP Filter Press assembly is designed for testing drilling fluids and cement under elevated temperatures and pressures. This simulates various downhole conditions and provides a reliable method for determining the effectiveness of the material being tested. The complete assembly consists of four standard 250-mL filter presses mounted in a convenient frame for regular laboratory or drilling rig usage. All filter press units are complete and ready for use after the assembly has been connected to a source of compressed nitrogen.

**Features**

- Four Model MB filter presses mounted in a convenient installation for regular laboratory or drilling rig usage
- Includes a dual nitrogen manifold for supplying up to 1250 PSI pressure to the cell and up to 750 PSI to the back pressure assemblies
- All four (4) units are supplied nitrogen at the same pressures
- Both the high pressure to the cell and the back pressure can be controlled ON/OFF individually by valves mounted at the front of the work table base
- High performance hoses, connections and valves

Dual manifold back connection assembly has a standard 1/4" pipe thread (NPT) with a 1/4" tubing fitting

**Specifications**

- Maximum Temperature: 350°F (176°C)
- Maximum Pressure: 1,500 PSI (10,342.5 kPa)
- Pressure Source: Nitrogen (at least 1500 PSI / 10,343 kPa)
- Test Cell Capacity: 250 mL
- Voltage: 115V or 230V (built to specification)
- Heater: 200 Watt
- Size: 39.25" × 25.75" × 37.5" (99.7 × 65.4 × 95.3 cm)
- Weight: 175 lb (79.5 kg)
- Shipping Size: 46" × 31" × 44" (117 × 79 × 112 cm)
- Shipping Weight: 250 lb (113.4 kg)

**Components**

- #142-58: O-ring for Coupling
- #152-38: AC Power Cord
- #153-16: Graduated Cylinder, 25 mL × 2/10 mL, Glass
- #154-10: Thermometer with Metal Dial, 5" Stem, Dual Scale: 50° - 500°F / 0° - 250°C
- #170-07: O-ring for Back Pressure Receiver
- #170-11: Heating Element, 200 Watt
- #170-19: Filter Paper, 2.5" (6.35 cm), Box of 100
- #170-32: Needle Valve, 1/8" × 1/8" NPT
- #170-34: Needle Valve, 1/4" × 1/4" NPT
- #171-25-1: Relief Valve, 750 PSI
- #171-25-2: Relief Valve, 1350 PSI
- #171-38: Gauge, 1000 PSI
- #171-40: Gauge, 1500 PSI
- #171-42: Gauge, 3000 PSI
- #171-52: O-ring for Cell
- #171-54: Fuse
- #171-56: Test Cell, Model MB
- #171-58: Back Pressure Receiver
- #171-79: Hex Wrench

</ul> <h2>Optional</h2> <ul> <li>#171-50-4-SP: Spare Parts Kit</li> <li>#143-19:  
Repair Kit for Low Pressure Regulator, for 171-58</li> </ul> <h2>Part Number</h2>  
<ul> <li>#171-50-4</li> </ul>