



## 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.



## **Filter Press, HTHP, 175 mL, 4 Unit, Basic**

The unitized HTHP 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. All filter press units are complete and ready for use after the assembly has been connected to a source (bottle) of compressed nitrogen.



## **Features**

- Four standard 175 ml filter press 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
- Easily configured for other filter devices and pressurization



## Technical Specifications and Requirements

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

### Specifications

- Maximum Temperature: 400°F (204.4°C)
- Maximum Cell Pressure: 1,250 PSI (8,618 kPa)
- Maximum Back Pressure: 750 PSI (5,171 kPa)
- Test Cell Capacity: 175 mL
- Dual Manifold Assembly: ¼" pipe thread (NPT)
- Size: 39.25" × 25.75" × 37.5" (100 × 65 × 95 cm)
- Weight: 175 lb (79.5 kg)
- Power Requirement: 115 Volt/230 Volt

### Optional

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- #170-37 Nitrogen Cylinder
- #143-07 Concoa/Airco Regulator Repair Kit
- #170-45 HTHP Cell Assembly for Cement Testing, 175 ml
- #170-46 Test Cell, 175 mL, Double Capped, for Ceramic Disks



#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