



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, 500 mL, 2 Unit, with Regulators and Temperature Controllers

The new 2 Unit HTHP Filter Press from OFITE is ideal for high-volume laboratory testing. It accommodates two 500 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

- Two 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





Technical Specifications and Requirements

- 171-00-2S 115 Volt
- 171-00-1-2S 230 Volt

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: 500 mL (test cells sold separately)
- Pressure Requirements: 3,000 PSI (20.7 MPa)
- Power Requirements: 115 Volt or 230 Volt AC

Optional Items

- 171-191-S Test Cell with Threaded Caps, 500 mL, for Drilling Fluids
- 171-192-S Test Cell with Threaded Caps, 500 mL, for Cement

Intro

The OFITE 2-Unit HTHP Filter Press Heat Jacket is designed to hold two, 500-mL HTHP test cells for simultaneous testing. Each cell has a separate temperature controller and two pressure regulators (drive pressure and back pressure) for independent testing.

Specifications

Cell Size:	500 mL (Cells not included)
Maximum Temperature:	425°F (218.3°C)
Maximum Inlet Pressure:	3,000 PSI (20.7 MPa)
Maximum Drive Pressure:	1,350 PSI (9.3 MPa)
Maximum Back Pressure:	750 PSI (5.2 MPa)
Power Requirements:	115 VAC or 230 VAC configurations available (power cord included)

Components

Included:

#120-70-1-052	Hose, Stainless Steel, 18"
#130-81-015	Relief Valve
#130-81-028	Regulator
#152-37	AC Power Cord (115 Volt)
#152-38	AC Power Cord (230 Volt)
#153-14	Graduated Cylinder, 50 mL × 1 mL, Glass
#170-07	O-ring for Receiver Body
#170-19	Filter Paper, Specially Hardened for Filter Presses, 2.5" (6.35 cm) Diameter, Box of 100
#170-20	Manifold Block
#170-93	Wrench for Valve Stem
#171-10	Back Pressure Receiver
#171-23-1	Safety Pin with Lanyard
#171-45-7	Thermocouple
#174-03	Temperature Controller

Test Cells:

Test cells are not included with the instrument. The following 500 mL cells are available.

#171-19	Test Cell, for Filter Paper, Double-Capped,
#171-20	Test Cell, for Filter Paper, Single Cap
#171-191-S	Test Cell, Threaded, (For Mud Testing)
#171-192-S	Test Cell, Threaded (For Cement Testing)

Accessories:

#170-13-3	O-ring for Test Cell, Viton®/Fluorocarbon (FKM)
#170-16	Valve Stem
#170-17	O-ring for Valve Stem, Viton®/Fluorocarbon (FKM)
#170-26-1	Locking Screw, Hardened Alloy Steel

Nitrogen must be supplied in an approved Nitrogen Gas Cylinder and secured to meet safety standards.