HTHP Filter Press with Threaded Cells, 500 mL, Drilling Fluids



Brand: OFI Testing Equipment, Inc.
Product Code: 171-191
Availability: Call for availability
Call for Price: 832-320-7300

Description
OFITE has designed a new cell with safety in mind. This modular design is much safer and more convenient. The two-piece cap is threaded, and cannot be opened while the cell is pressurized. And interchangeable caps make it easy to reconfigure the cell for testing with different filter media (filter paper, ceramic disks, or cement screens) with a single cell body. All cells are provided with pressure certification, unique serialization, and material certification which provides true traceability.

Features

- **Safety**: Cell cap cannot be removed if pressure is trapped inside the cell
- **Versatility**: Interchangeable cell caps enable testing with filter paper, ceramic disks, and cement screens with the same cell body. Compatible with all existing heating jackets.
- **Pressure**: Ability to add a piston allows for testing above 3,000 PSI

Specifications

- Maximum Temperature: 500°F (260°C)
- Maximum Pressure (cell): 5,000 PSI (34.5 MPa)
- Volume: 500 mL
- Cell Caps:

    - Inlet: 60 Mesh Screen
    - Outlet: 60 Mesh Screen (for filter paper)
    - Outlet: Scribed (for ceramic disks)

Components

- #153-12: Graduated Cylinder, 100 mL × 1 mL, Glass
- #154-20: Thermometer with Metal Dial, 8" Stem, Dual Scale: 50° - 500°F / 0° - 250°C
- #170-13-3: O-ring for Test Cell, Viton® 75D*, Qty: 16
- #170-17: O-ring for Valve Stem, Viton® 75D, Qty: 16
- #170-19: Filter Paper, 2.5", Box of 100
- #170-35: Wrench, Adjustable, 6"
- #171-00: Heating Jacket, 115 Volt
- #171-01: Heating Jacket, 230 Volt
- #171-10: Back Pressure Receiver, 100 mL
- #171-24: Dual Nitrogen Manifold
- #171-190-057: O-ring for Valve Stem, Viton® 90D, Qty: 24
- #171-190-060: O-ring for Test Cell, Viton® 90D, Qty: 24
- #171-191-S: Test Cell for Drilling Fluids

Optional

- #170-37: Nitrogen Cylinder
- #170-40: Cell Carrying Tool
- #170-91: HTHP Pressure Relief Tool
- #171-190-028: Cell Stand
- #171-191-SP: Spare Parts Kit

Part Numbers

- #171-191: 115 Volt
- #171-191-1: 230 Volt