HTHP Filter Press with Threaded Cells, 500 mL, Cement

Brand: OFI Testing Equipment, Inc.
Product Code: 171-192
Availability: Call for availability

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: Removable Cement Screen, 325 Mesh with 60 Mesh Backup

    - Outlet: Removable Cement Screen, 325 Mesh with 60 Mesh Backup

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
- #171-00: Heating Jacket, 115 Volt
- #171-01: Heating Jacket, 230 Volt
- #170-13-3: O-ring for Cell, Viton®
- #170-17: O-ring for Valve Stem, Viton®
- #170-35: Wrench, Adjustable, 6"
- #171-10: Back Pressure Receiver, 100 mL
- #171-192-S: HTHP Filter Press Cell with Threaded Cap, 500 mL, for Cement
- #171-24: Dual Nitrogen Manifold

Optional

- #143-07: Regulator Repair Kit
- #170-37: Nitrogen Cylinder
- #170-40: Cell Carrying Tool
- #170-91: Pressure Relief Tool
- #171-190-028: Cell Stand
- #171-192-SP: Spare Parts Kit

Part Numbers

- #171-192: 115 Volt
- #171-192-1: 230 Volt