

# HTHP Filter Press Cell with Threaded Caps, 175 mL, Cement



**Brand:** OFI Testing Equipment, Inc.  
**Product Code:** 170-182-S  
**Availability:** 1  
**Lead Time:** 21

## Description

OFITE's all new threaded cap cell design not only allows for testing to be done at higher temperatures and pressures but ensures safety for the operator. In addition, our modular inner cap system allows multiple filter media to be used with one cell. 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: 5,000 PSI (34.5 MPa)
- Volume: 175 mL
- Filter Medium: Removable Cement Screens

## Components

- #120-910-028: O-ring for Rupture Disk
- #130-81-040: Retaining Ring for Cell Cap Assembly
- #170-13-3: O-ring for Test Cell, Viton® 75D (For tests up to 400°F)
- #170-17: O-ring for Valve Stem, Viton® 75D (For tests up to 400°F)
- #170-18: Detachable Screen, 325 Mesh with 60 Mesh Backup
- #170-180-020-S: Cell Body (175 mL)
- #171-190-023: Locking Ring
- #171-190-027: Rupture Disk
- #171-190-029: Wrench for Cell Cap
- #171-190-032-S: Cell Cap, Outlet, Cement
- #171-190-033-S: Cell Cap, Inlet, Cement
- #171-190-057: O-ring for Valve Stem, Viton® 90D (For tests above 400°F)
- #171-190-060: O-ring for Test Cell, Viton® 90D (For tests above 400°F)

## **Optional**

- #171-190-P: Piston Kit

## **Part Numbers**

- #170-182-S: 17-4PH Body, 316 Stainless Steel Caps
- #170-182-H: C-276 Hastelloy Body and Caps