

Aging Cell, Double Capped, OFITE Style, 500 mL, 316 Stainless Steel



Brand: OFI Testing Equipment, Inc.

Product Code: 175-65

Availability: Call for availability

Lead Time: 65

Description

The OFITE Aging Cell is a patented (U.S. Patent No. 4,805,443) pressure vessel that enables samples to be subjected to temperatures higher than the boiling point of water and still be maintained in a liquid state. The cells may be used for static temperature exposure or in a dynamic mode in a roller oven with a preset minimum aging time of 16 hours.

OFITE Aging Cells are available in 260 mL and 500 mL sizes and use both Viton® and Teflon® o-ring seals. Aging cells are typically constructed of stainless steel (grade 303 or grade 316) and are used for high-temperature testing (up to 500°F / 260°C).

This cell includes caps on both ends to facilitate easier cleanup and removal of any hardened sample fluids.

Included Items

- 165-44-2 - Anti Seize Compound, Silver, 7g Pouch, Qty: 4
- 170-17 – O-ring for Valve Stem, Qty: 6
- 175-05 – Thrust Washer, Qty: 2
- 175-09 - O-ring for Inside of Aging Cell, Viton 75D, Qty: 6
- 175-13-02 - Outer Cap, 303 Stainless Steel, Qty: 2
- 175-18-03 - Inner Cap with Pressure Port, 316 Stainless Steel
- 175-14 – Set Screw, Qty: 6

- 175-15 – Wrench for Set Screws
- 175-16 – Valve Stem
- 175-47 – O-ring for Outside of Cell, Viton, Qty: 2
- 175-65-001 - Cell Body, 316 Stainless Steel
- 175-65-002 - Inner Cap without Pressure Port, 316 Stainless Steel

Specifications

- Capacity: 500 mL
- Material: 316 Stainless Steel
- Maximum Temperature: 500°F (260°C)
- Maximum Pressure: 2000 PSI (13.8 MPa)

Optional

- #170-04: CO2 Pressuring Assembly
- #171-24: Dual Nitrogen Manifold
- #175-30-SP: Spare Parts Kit for OFITE Style Aging Cell
- #175-70-SP: Spare Parts Kit for Old Style Aging Cell

Part Number

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