Aging Cell, OFITE Style, 260 mL, 303 Stainless Steel



Brand: OFI Testing Equipment, Inc.
Product Code: 175-25
Availability: 15

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).

Included Items

- 175-05 – Thrust Washer
- 175-16 – Valve Stem
- 170-17 – O-ring for Valve Stem
- 175-14 – Set Screw
- 175-15 – Wrench for Set Screws
- 175-47 – O-ring for Outside of Cell, Viton
- 175-09-1 – O-ring for Inside Aging Cell, Teflon
- 175-09-2 – O-ring for Inside Aging Cell, Viton

Specifications

- Capacity: 260 mL
- Material: 303 Stainless Steel
- Maximum Temperature: 500°F (260°C)
- Maximum Pressure: 2000 PSI (13.8 MPa)

Components

- #170-17: O-ring for Valve Stem, Viton®
- #175-05: Thrust Washer
- #175-09-1: O-ring for Inside of Aging Cell, Teflon®
- #175-09-2: O-ring for Inside of Aging Cell, Viton®
- #175-14: Set Screw, 3/8"
- #175-15: Wrench for 3/8" Set Screw
- #175-16: Valve Stem, 2"
- #175-47: O-ring for Outside of Aging Cell, Viton® 90

Optional

- #170-04: CO_2 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 Numbers

- 175-25: 260 mL, 303 Stainless Steel
- 175-25-03: 260 mL, 316 Stainless Steel
- 175-25-H: 260 mL, C-276 Hastelloy