

Aging Cell, OFITE Style, 500 mL



Brand: OFI Testing Equipment, Inc.

Product Code: 175-30

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)

Specifications

- Capacity: 500 mL
- 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 Cell, Teflon®
- #175-09-2: O-ring for Inside of 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 Cell, Viton® 90

Part Numbers

- #175-30: 303 Stainless Steel
- #175-50: 316 Stainless Steel
- #175-30-H: C-276 Hastelloy (call for pricing and availability)