



## DRILLING FLUIDS EQUIPMENT

For over 30 years OFI Testing Equipment (OFITE) has provided instruments and reagents for testing drilling fluids, well cements, completion fluids, and wastewater. In addition to these product lines we also offer a range of instruments for core analysis. From our manufacturing facility in Houston, TX we provide customers all over the world with quality products and exceptional service.

Our drilling fluids product line includes innovative designs such as the Model 900 Viscometer, which showcases our ability to develop new technology to meet customer and industry demands. We also offer Retorts, Aging Cells, Roller Ovens, Mud Balances, Filter Presses, and all other instruments required to evaluate drilling fluid properties according to API Recommended Practice 13B-1 and 13B-2.

As an independent manufacturer and supplier, OFITE has one priority, our customers.

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## Aging Cells, 260 mL and 500 mL

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 utilize 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



## Technical Specifications and Requirements

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- 175-25 - 260 mL, 303 S.S.
- 175-30 - 500 mL, 303 S.S.
- 175-25-03 - 260 mL, 316 S.S.
- 175-50 - 500 mL, 316 S.S.
  
- 175-25-H - 260 mL, C-276 Hastelloy
- 175-30-H - 500 mL, C-276 Hastelloy

### Specifications

- Capacity:
  - 260 mL (175-25)
  - 500 mL (175-30)
- Material: 303 Stainless Steel
- Maximum Temperature: 500°F (260°C)
- Maximum Pressure: 2000 PSI (13.8 MPa)

### Specifications

- Capacity:
  - 260 mL (175-25-03)
  - 500 mL (175-50)
- Material: 316 Stainless Steel
- Maximum Temperature: 500°F (260°C)
- Maximum Pressure: 2000 PSI (13.8 MPa)

### Specifications

- Capacity:
  - 260 mL (175-25-H)
  - 500 mL (175-30-H)
- Material: Hastelloy
- Maximum Temperature: 500°F (260°C)
- Maximum Pressure: 2000 PSI (13.8 MPa)