



## 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.

## 4-Roller Oven With Programmable Timer and Circulating Fan 5-Roller Oven With Programmable Timer and Circulating Fan

The OFITE Roller Oven (U.S. Patent No. 4,677,843) is an effective aid in determining the effects of temperature on drilling fluid as it circulates through the well bore. The roller oven is designed to provide heating and rolling functionality simultaneously or independently. The 4-roller oven can hold six 260-mL Aging Cells or three 500-mL Aging Cells, while the 5-roller oven can hold twelve 260-mL Aging Cells or eight 500-mL Aging Cells.



### Features Include:

- Variable-speed controlled
- Enclosure is constructed of stainless steel for longer life
- Stainless steel rollers promote a cleaner environment inside the oven
- Glass-impregnated Teflon® roller bearings extend the life of the rollers and allow for longer maintenance-free service
- Digital temperature controller that can be read directly from outside the oven
- Temperature is controlled by an electronic solid state thermostat and operates between 100°F and 450°F (38°C - 232.2°C)
- Circulating fan greatly improves air circulation within the oven and provides more stable, consistent, and reliable heating





## Technical Specifications and Requirements

- #172-00-C- 4 -Roller Oven with Programmable Timer and Circulating Fan (115 Volt)
- #172-00-1-C- 4 -Roller Oven with Programmable Timer and Circulating Fan (230 Volt)
- #173-00-C - 5 -Roller Oven with Programmable Timer and Circulating Fan (115 Volt)
- #173-00-1-C - 5 -Roller Oven with Programmable Timer and Circulating Fan (230 Volt)

### Specifications

- Temperature Range: 100 - 450°F (38 - 232.2°C)
- Digital Temperature Controller
- Motor Speed: 25 RPM
- Programmable Timer
- Heater: 2 x 350 Watts
- Material:
  - Cabinet: 303 Stainless Steel
  - Rollers: 304 Stainless Steel
- Capacity:
  - 260 mL Aging Cells: 6 (Not included)
  - 500 mL Aging Cells: 3 (Not included)
- Power Requirements: 115 Volt/230 Volt

### 4 - Roller Oven

- Size: 26.75" × 22" × 26" (70 × 56 × 66 cm)
- Weight: 141 lb (64 kg)
- Crated Size: 35" × 29" × 36" (89 × 74 × 91 cm)
- Crated Weight: 239 lb (108.4 kg) 1 lb (64 kg)

### 5 - Roller Oven

- Size: 33.75" × 26.25" × 26" (86 × 67 × 66 cm)
- Weight: 172 lb (78 kg)
- Crated Size: 38" × 33" × 34" (97 × 84 × 86 cm)
- Crated Weight: 290 lb (131.5 kg)

## Optional Features:

- 172-00-RC - 4 - Roller Oven with Redundant Heat Control (115 Volt)
- 172-00-1-RC - 4 - Roller Oven with Redundant Heat Control (230 Volt)
- 173-00-RC - 4 - Roller Oven with Redundant Heat Control (115 Volt)
- 173-00-1-RC - 5 - Roller Oven with Redundant Heat Control (230V)

- #175-25 Aging Cell, Stainless Steel Grade 303, 260 mL, Pressurized
- #175-30 Aging Cell, Stainless Steel Grade 303, 500 mL, Pressurized
- #175-50 Aging Cell, Stainless Steel Grade 316, 500 mL, Pressurized
- #175-40 Corrosion Test Cell, Stainless Steel Grade 303, 500 mL
- #175-47 O-ring for Outside of Aging Cell, Viton

#170-04 CO<sub>2</sub> Pressuring Assembly

#170-40 Test Cell Removal and Carrying Tool

