



Dependable Products From People You Trust



Static Oven

Part No. 183-00

Instruction Manual

Updated 10/17/2024

Ver. 1

OFI Testing Equipment, Inc.

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Introduction

The OFITE Static Oven is a universal oven with a wide range of applications, from food and medicine to science and technology. This oven provides precise temperature control with an easy-to-use interface.

Specifications

Maximum Temperature: 550°F (288°C)
Power Requirement: 115 Volt, 50/60 Hz, 15 Amp
Capacity: 4.5 ft³ (127 L)

Components

#172-07 Fuse, Main, 5 amp
#172-09 Fuse, Heater, 10 amp
#172-23 Heater, 500 Watt, Qty: 2

Safety

Always wear heat resistant gloves and eye protection when working with ovens. Stay clear of the hot oven when opening the door.

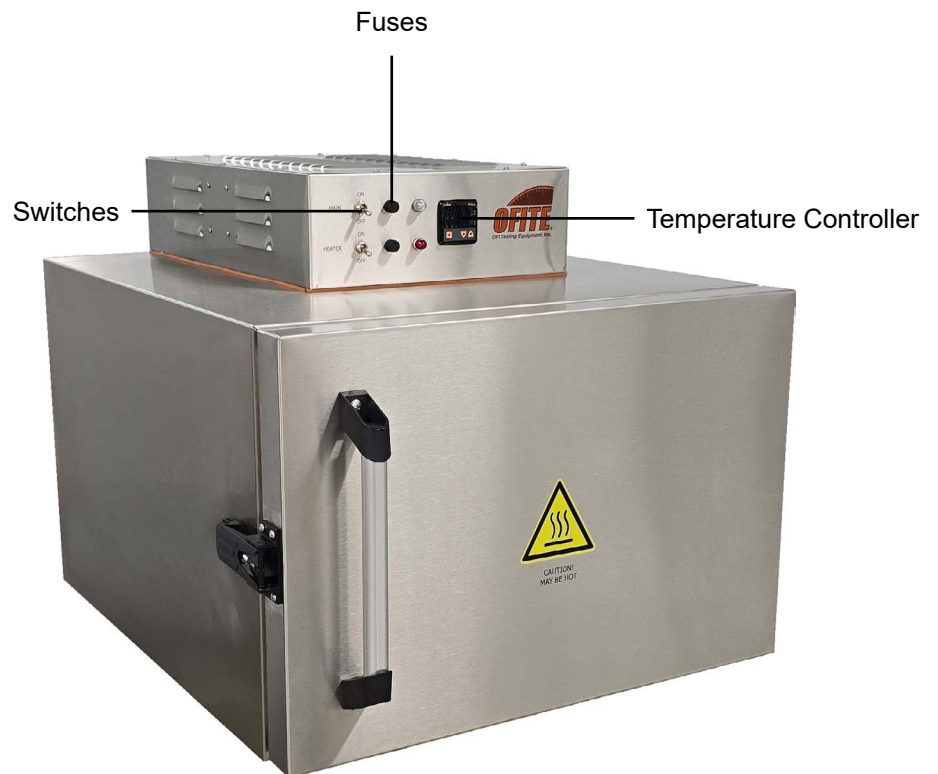
During operation, the outside of the oven can get very hot and may cause burns if touched.

Unplug the oven when performing maintenance or replacing a fuse.

The corners of the oven may cause injury if impacted directly. Be especially careful when working around the top housing, as sharp corners may cause cuts during cleaning.

Setup

1. Turn both switches on the control panel (MAIN and HEATER) off.
2. Connect the power cord to the proper voltage source.



Operation



Note

1. Make sure the oven is connected to an appropriate power supply.
2. Turn the MAIN power switch on.
3. Press and hold the Enter key. Then use the up and down arrows on the temperature controller to set the temperature.

The upper register on the temperature controller will display the current temperature, while the lower register will show the current setpoint.

4. Turn the HEATER switch on. The heaters and the red indicator light will come on. The indicator light will turn on and off as the temperature controller maintains the setpoint.
5. When heating is complete, turn the HEATER switch off. Leave the MAIN switch on so that the temperature controller will continue showing the oven temperature.

For faster cooling, open the door.



Tip

6. When the oven has cooled to room temperature, turn the MAIN switch off and close the door.

Maintenance

The Static Oven is fused to protect the heaters, fan, and temperature controller. The fuse holders are located next to the MAIN and HEATER switches. To replace a fuse, unscrew the fuse holder, remove the old fuse, and replace it with a new fuse. Then screw the fuse holder back in place. The MAIN fuse is 5 amps (#172-07) and the HEATER fuse is 10 amps (#172-09).

Warranty and Return Policy

Warranty:

OFI Testing Equipment, Inc. (OFITE) warrants that the products shall be free from liens and defects in title, and shall conform in all respects to the terms of the sales order and the specifications applicable to the products. All products shall be furnished subject to OFITE's standard manufacturing variations and practices. Unless the warranty period is otherwise extended in writing, the following warranty shall apply: if, at any time prior to twelve (12) months from the date of invoice, the products, or any part thereof, do not conform to these warranties or to the specifications applicable thereto, and OFITE is so notified in writing upon discovery, OFITE shall promptly repair or replace the defective products. Notwithstanding the foregoing, OFITE's warranty obligations shall not extend to any use by the buyer of the products in conditions more severe than OFITE's recommendations, nor to any defects which were visually observable by the buyer but which are not promptly brought to OFITE's attention.

In the event that the buyer has purchased installation and commissioning services on applicable products, the above warranty shall extend for an additional period of twelve (12) months from the date of the original warranty expiration for such products.

In the event that OFITE is requested to provide customized research and development for the buyer, OFITE shall use its best efforts but makes no guarantees to the buyer that any products will be provided.

OFITE makes no other warranties or guarantees to the buyer, either express or implied, and the warranties provided in this clause shall be exclusive of any other warranties including ANY IMPLIED OR STATUTORY WARRANTIES OF FITNESS FOR PURPOSE, MERCHANTABILITY, AND OTHER STATUTORY REMEDIES WHICH ARE WAIVED.

This limited warranty does not cover any losses or damages that occur as a result of:

- Improper installation or maintenance of the products
- Misuse
- Neglect
- Adjustment by non-authorized sources
- Improper environment
- Excessive or inadequate heating or air conditioning or electrical power failures, surges, or other irregularities
- Equipment, products, or material not manufactured by OFITE
- Firmware or hardware that have been modified or altered by a third party
- Consumable parts (bearings, accessories, etc.)

Returns and Repairs:

Items being returned must be carefully packaged to prevent damage in shipment and insured against possible damage or loss. OFITE will not be responsible for equipment damaged due to insufficient packaging.

Any non-defective items returned to OFITE within ninety (90) days of invoice are subject to a 15% restocking fee. Items returned must be received by OFITE in original condition for it to be accepted. Reagents and special order items will not be accepted for return or refund.

OFITE employs experienced personnel to service and repair equipment manufactured by us, as well as other companies. To help expedite the repair process, please include a repair form with all equipment sent to OFITE for repair. Be sure to include your name, company name, phone number, email address, detailed description of work to be done, purchase order number, and a shipping address for returning the equipment. All repairs performed as "repair as needed" are subject to the ninety (90) day limited warranty. All "Certified Repairs" are subject to the twelve (12) month limited warranty.

Returns and potential warranty repairs require a Return Material Authorization (RMA) number. An RMA form is available from your sales or service representative.

Please ship all equipment (with the RMA number for returns or warranty repairs) to the following address:

OFI Testing Equipment, Inc.
Attn: Repair Department
11302 Steeplecrest Dr.
Houston, TX 77065
USA

OFITE also offers competitive service contracts for repairing and/or maintaining your lab equipment, including equipment from other manufacturers. For more information about our technical support and repair services, please contact techservice@ofite.com.