



Please read this before running the furnace.

In this section, we provide you a simple way to test the furnace. This will help all of us to determine whether the furnace would be running normally or has defective/potential problem caused by transportation

STEP 1

1) In case of OTF-Series
Take off the shock absorption sponge inside the chamber.



2) In case of GSL-Series
Open the top cover of the furnace by screwing off four pieces of M2.5 bolts in the top cover. Then take off the shock absorption sponge.

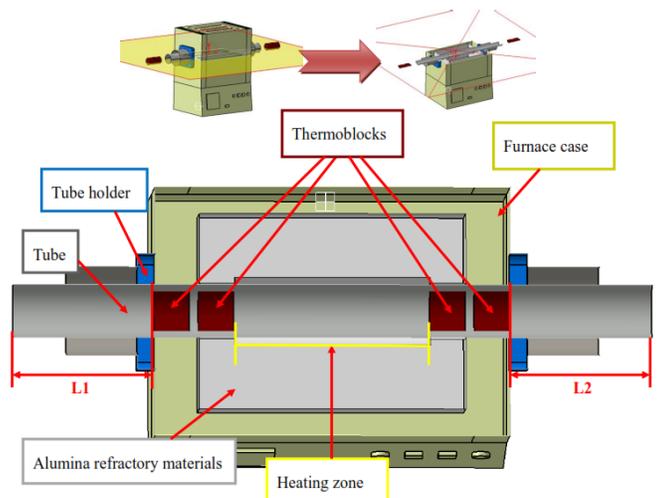


STEP 2

1) In case of OTF Series
Place the tube in the chamber. And insert the thermoblocks from both sides of the tube. Then close the furnace cover.



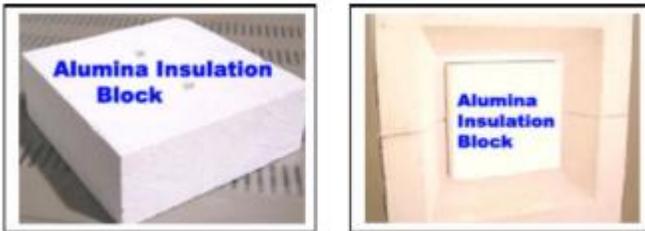
2) In case of GSL Series
Instructions of placing thermoblocks for GSL series furnaces



Our high temperature GSL series furnaces require two thermoblocks on each side.

1. Before inserting the thermoblocks, please make sure L1 and L2 are same length, meaning the processing tube should be centered.
2. When placing the thermoblocks, make sure the insert depth (the distance between the edge of the tube and outside edge of the outer thermoblock) equals to L1 or L2.

3) In case of KSL Series
 Insert the door block into the furnace chamber.
 (NOTE: You must insert the door block while the furnace is heating. And take off the door block when the furnace is completely cooling down.)



Attention: Incorrect thermoblock position may cause tube failure during the heat treatment, please always follow the instructions which are provided by MTI Corporation for safe operation.

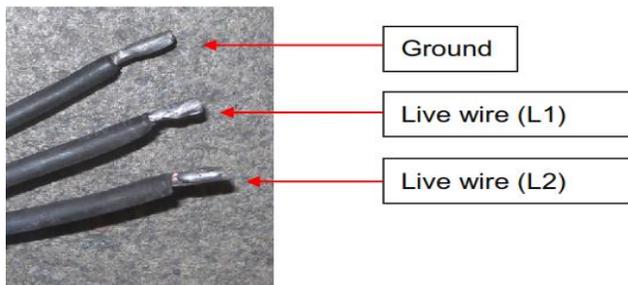
STEP 3

Connect the power cord of the furnace to the correct power source.

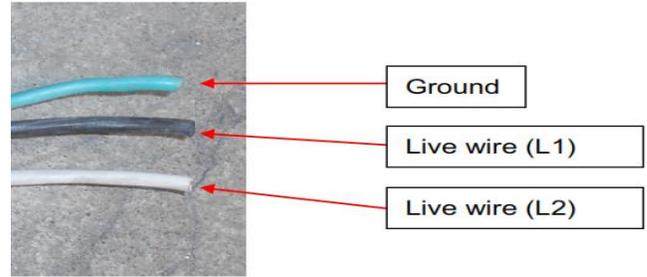
Things to do prior to power connection:

1. Check the electrical ratings which are located in the label on the back of the furnace.
2. Make sure the power switch in the front panel is in the OFF position before connecting the furnace to the power supply.
3. Consult a professional or licensed electrician to perform the power connections.

US & Canada



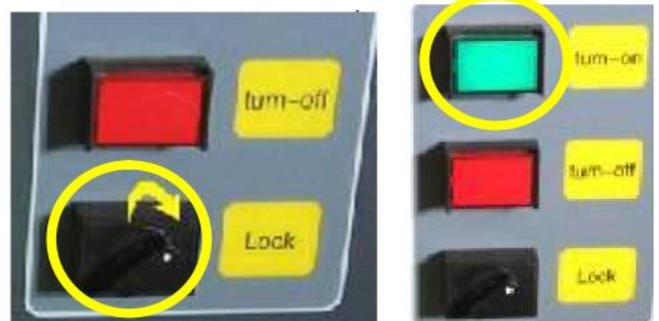
Europe



The plug does not come with the furnace. Please order it at our website.

STEP 4.

Turn the LOCK switch clockwise to turn on the power of the furnace. Then press the green rectangular button to turn on the relay.



STEP 5

Simply press and hold the RUN button of the temperature controller for 3 seconds. Then the furnace starts running and heating up to 800°C. The heating program has been set up before we ship out our equipment.

The heating program is

C01	0	T01	30
C02	200	T02	10
C03	200	T03	60
C04	800	T04	30
C05	800	T05	120
C06	200	T06	-121

Wait until the program stops. If the furnace gets trap in the halfway or problem was found after inspection. Please contact us immediately.

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