



PLEASE READ AND FOLLOW THIS QUICK TEST INSTRUCTION UPON RECEIVING YOUR FURNACE

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

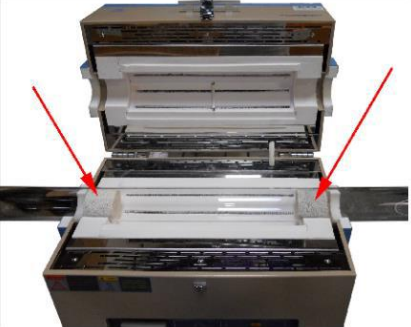
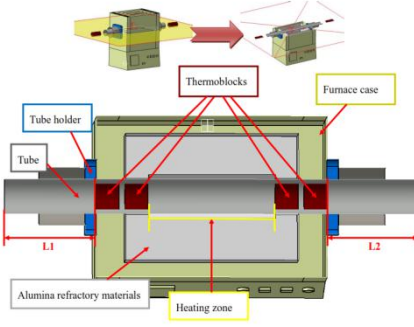
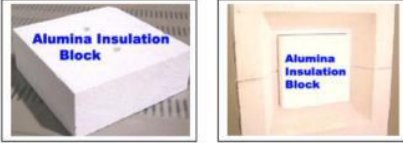
STEP 1

Remove the packing foam from the furnace

OTF-Series	GSL-Series	KSL-Series
		
<p>Remove the packing foam inside the chamber.</p>	<p>Open the top cover of the furnace by screwing off four pieces of M2.5 bolts in the top cover. Then remove the packing foam.</p>	<p>For KSL-1600X, KSL-1700X, KSL-1800X furnace, open the top cover of the furnace by screwing off four pieces of M2.5 bolts in the top cover. Then remove the packing foam.</p>

STEP 2

Place the thermoblocks

OTF-Series	GSL-Series	KSL-Series
		
<p>Place the tube in the chamber. And insert the thermoblocks from both sides of the tube. Then close the furnace cover.</p>	<p>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</p>	<p>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.)</p>

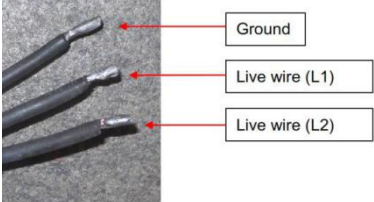
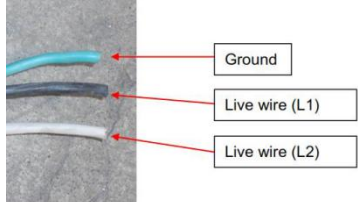
	<p>should be centered.</p> <p>2. When placing the thermoblocks, make sure the insert depth (the distance between the edge of the tube and outside edge of the outer thermoblock) equals to L1 or L2.</p>	<p>Attention: Incorrect thermoblock position may cause tube failure during the heat treatment, please always follow the instructions which are provided by MTI Corporation for safe operation.</p>
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STEP 3

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

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.

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

US & Canada	Europe
	

STEP 4

Power on the furnace

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



STEP 5

Perform a test run on heating

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:

C 01	0	t 01	30
C 02	200	t 02	10
C 03	200	t 03	60
C 04	800	t 04	30
C 05	800	t 05	120
C 06	200	t 06	-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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