

Troubleshooting Guide

Symptom	Possible Cause/Remedy
Instrument Inoperative	Verify line voltage. Ensure that the instrument is properly connected to the electrical outlet and the instrument is switched on. Check fuses and replace, if necessary. Check for loose or broken wiring connections.
Power Output	Verify that voltage selection switch is properly positioned for line voltage. Verify line voltage. Faulty mode stirrer motor*
Blank Display	Instrument is in a stand-by mode.
“Door Open” Message	Ensure that instrument door is properly closed. Faulty interlock system*
“Furnace Open” Message	Ensure that furnace door is properly positioned.
No Microwaves	Verify proper operating procedure. Faulty interlock system*
Keyboard Inoperative	Loose cable connection to PC board Faulty PC board*
Thermocouple Error	Ensure that furnace is heating. Ensure that thermocouple is properly connected. Faulty connector Faulty thermocouple Thermocouple improperly calibrated Verify line voltage. Verify that voltage selection switch is properly positioned for line voltage. Ensure that furnace is not overloaded. Faulty PC board* Faulty AC/DC board*
Balance Error	Loose connection Balance unstable Faulty balance*
Furnace Not Heating	Verify operating parameters. Verify line voltage. Verify that voltage selection switch is properly positioned for line voltage. Faulty thermocouple connector Faulty thermocouple Faulty PC board*
Blower Assembly Inoperative	Loose cables to boards Faulty thermocouple connector Faulty thermocouple Faulty PC board*