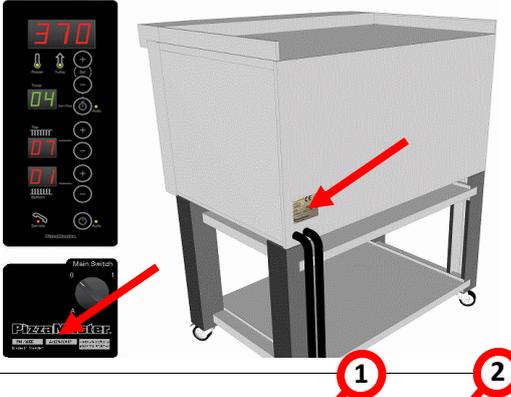
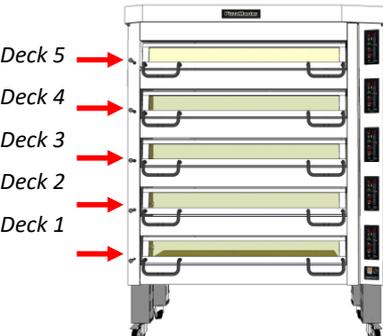
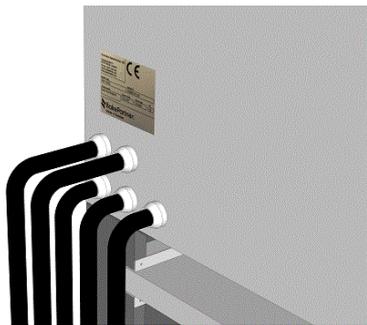


FUNCTION CONTROL CHECKLIST

PM 700 / 800 / 900

INSTRUCTIONS	Notes
PM 700/800/900 ED	
Technical Support Contact	Keep the information with you when contacting technical support, this will help us to identify the equipment and trouble shoot accurate
 IMPORTANT!	<ul style="list-style-type: none"> • All part replacements must be carried out by trained personnel • Use only original parts • Electrical work must always be performed by authorized personnel

OVEN IDENTIFICATION	Notes																																																				
<p>1. Model-Type</p> <p>_____</p> <p>2. Serial No.</p> <p>_____</p> <p>3. Power Supply:</p> <p>a) 230V 1ph + N <input type="checkbox"/></p> <p>b) 400V 3ph + N <input type="checkbox"/></p> <p>c) 480V 3ph + N <input type="checkbox"/></p> <p>d) 230 3ph/400V 3ph + N... <input type="checkbox"/></p> <p>e) 200V 3ph <input type="checkbox"/></p> <p>f) 208V 1ph <input type="checkbox"/></p> <p>g) 208V 3ph <input type="checkbox"/></p> <p>h) 240V 1ph <input type="checkbox"/></p> <p>i) 240V 3ph <input type="checkbox"/></p> <p>j) 400V 3ph <input type="checkbox"/></p> <p>k) 480V 3ph (440 - 480).... <input type="checkbox"/></p>	<p>Find the information under the main Switch or on the power rating plate.</p>  <p>Fill points 1 to 3 using the information on the power rating plate.</p> <p>1- Model-Type</p> <p>2- Serial No.</p> <p>3- Power Supply</p> <table border="1"> <tr> <td colspan="2">BakePartner™ Made in Sweden</td> <td>Model - Type</td> <td>Serial No.</td> </tr> <tr> <td colspan="2">Svenska BakePartner AB</td> <td>PM Oven Model</td> <td>X0000 - 00X00</td> </tr> <tr> <td colspan="2">Odegardsgatan 5</td> <td>Power Supply</td> <td>IP</td> </tr> <tr> <td colspan="2">504 64, Borås</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Sweden</td> <td>Power Oven (kW)</td> <td></td> </tr> <tr> <td colspan="2">Phone: +4633 230 025</td> <td>X500</td> <td>X100 X200 X300</td> </tr> <tr> <td colspan="2">info@bakepartner.com</td> <td>X400</td> <td></td> </tr> <tr> <td colspan="2">www.bakepartner.com</td> <td>X300</td> <td></td> </tr> <tr> <td colspan="2">www.pizzamaster.com</td> <td>X200</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>X400</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>X500</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>X100</td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td>Total kW</td> </tr> </table> 	BakePartner™ Made in Sweden		Model - Type	Serial No.	Svenska BakePartner AB		PM Oven Model	X0000 - 00X00	Odegardsgatan 5		Power Supply	IP	504 64, Borås				Sweden		Power Oven (kW)		Phone: +4633 230 025		X500	X100 X200 X300	info@bakepartner.com		X400		www.bakepartner.com		X300		www.pizzamaster.com		X200				X400				X500				X100					Total kW
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		X100																																																			
			Total kW																																																		
<p>4. Number of decks</p> <p>Decks are counted from bottom to top, maximum 5 decks</p> <p>1 Deck <input type="checkbox"/></p> <p>2 Decks <input type="checkbox"/></p> <p>3 Decks <input type="checkbox"/></p> <p>4 Decks <input type="checkbox"/></p> <p>5 Decks <input type="checkbox"/></p> 	<p>5. Number of Cables</p> <p>1 Cable <input type="checkbox"/></p> <p>2 Cables <input type="checkbox"/></p> <p>3 Cables <input type="checkbox"/></p> <p>4 Cables <input type="checkbox"/></p> <p>5 Cables <input type="checkbox"/></p> 																																																				

FUNCTION CONTROL CHECKLIST

PM 700 / 800 / 900

VENTILATION CHECK

Your oven could be connected with one of the following connections



1. Exhaust Hood -*(Recommended Option)
The oven is located under a commercial hood

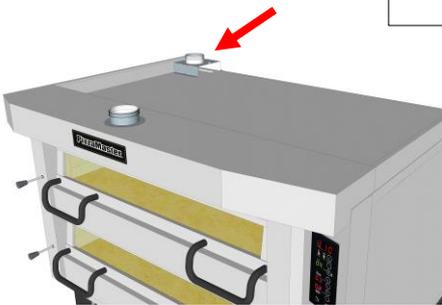


2. Exhaust tube or Pipe
The oven is connected to an exhaust tube ventilation system to the top front and top back of the oven

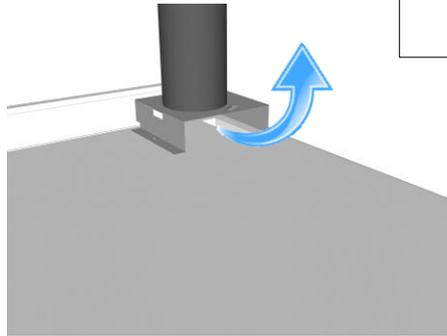


3. No ventilation
The oven is not connected to a ventilation system

Make these observations and cross all the boxes



4. Flue diverter
Be sure that the back flue diverter is connected firmly to the oven



5. Flue diverter air circulation
Regardless of the connection, the flue diverter base **needs** to be open at all times



6. Warning!
DO NOT place any object blocking the ventilation. this affects the baking, oven performance and may cause fire

EXTERNAL CONNECTION CHECK

Check external breakers or fuses



1. In your **electrical circuit box**, check and identify the position of all the external circuit breakers or fuses for the oven



2. If you have external circuit breakers. Check that **all** the breakers are in **ON** position. **IMPORTANT!** Call an electrician if the breaker trip again



3. If you have external circuit fuses. Check and replace broken fuses

FUNCTION CONTROL CHECKLIST

PM 700 / 800 / 900

INTERNAL CONNECTION CHECK

Check Internal Breakers and Cables

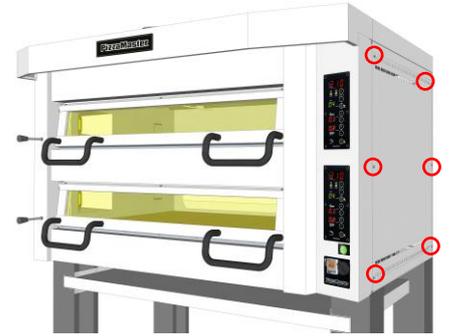


WARNING-ELECTRICAL HAZARD!

IMPORTANT: The following steps **MUST** be carried out by a Certified Electrician

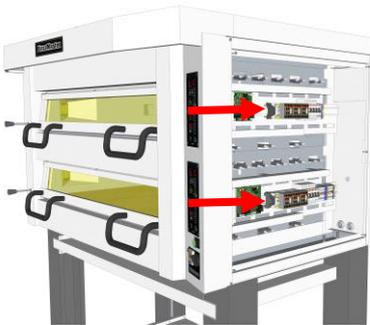


2. Turn OFF breakers/fuses or unplug the oven before opening the ovens electrical panel

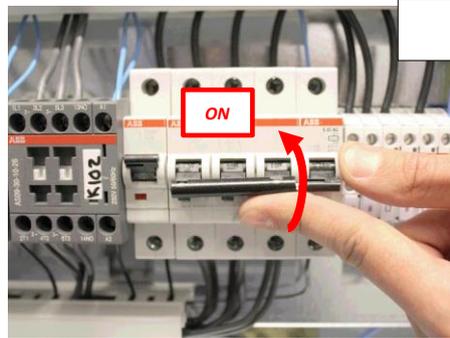


3. Open the ovens electrical Panel

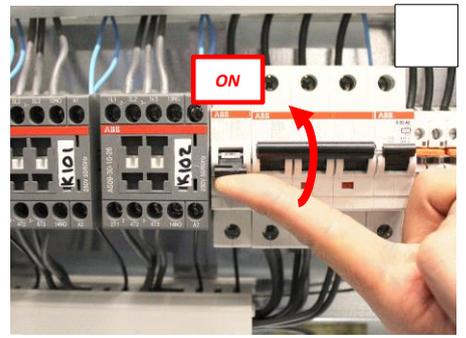
The panel is at the right-hand side of the oven. You need a Phillips screwdriver to open it, six screws



4. Every deck has a separate set of circuit breakers and electric components



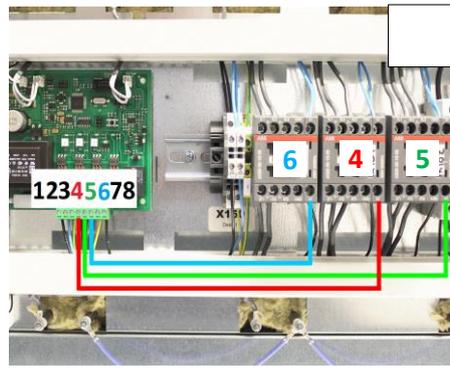
5. Check that all the circuit breakers are in UP (ON) position for all decks



6. Check breaker for control power. It is located at deck 1 and supply all decks



7. Check position of contactors they must be placed upright like this

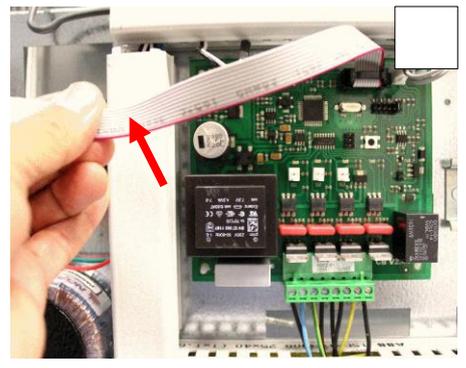


8. Check wiring to contactors from the 8-Pole green connector on main circuit board.

Pole 4 – A1 on middle contactor

Pole 5 – A1 on right contactor

Pole 6 – A1 on left contactor



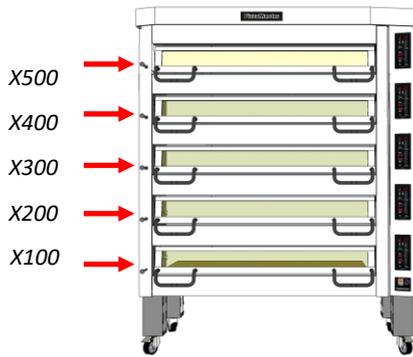
9. Check all cables at the circuit board. Make sure they are fully inserted and tight. Follow the cable marked on the picture, and check that is connected correctly at the display

FUNCTION CONTROL CHECKLIST

PM 700 / 800 / 900

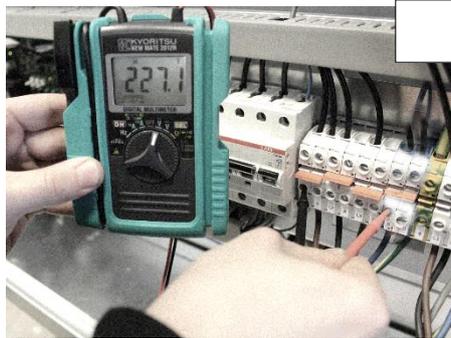
INTERNAL POWER CHECK

Power Supply



2. Turn ON Breakers/fuses or Plug in the oven: Connect/plug the oven to the power supply

3. Use a digital multimeter to check the incoming power supply



Fill the spaces below with the ~Voltage obtained

X100 / Deck 1

L1 - L2 _____ V
 L1 - L3 _____ V
 L2 - L3 _____ V

 L1 - GND _____ V
 L2 - GND _____ V
 L3 - GND _____ V

4. Check the voltage for all incoming cables

5. Follow the table beside to know between which terminals you need to measure

X200 / Deck 2 (If available)

L1 - L2 _____ V
 L1 - L3 _____ V
 L3 - L3 _____ V

 L1 - GND _____ V
 L2 - GND _____ V
 L3 - GND _____ V

X300 / Deck 3 (If available)

L1 - L2 _____ V
 L1 - L3 _____ V
 L2 - L3 _____ V

 L1 - GND _____ V
 L2 - GND _____ V
 L3 - GND _____ V

X400 / Deck 4 (If available)

L1 - L2 _____ V
 L1 - L3 _____ V
 L2 - L3 _____ V

 L1 - GND _____ V
 L2 - GND _____ V
 L3 - GND _____ V

X500 / Deck 5 (If available)

L1 - L2 _____ V
 L1 - L3 _____ V
 L2 - L3 _____ V

 L1 - GND _____ V
 L2 - GND _____ V
 L3 - GND _____ V

FUNCTION CONTROL CHECKLIST

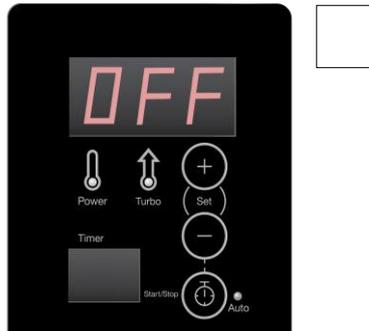
PM 700 / 800 / 900

FUNCTION TEST

Test the function of the electric components

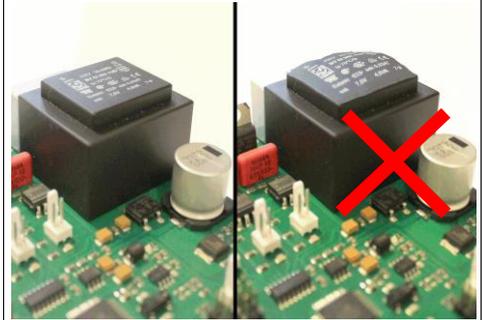


1. Turn main switch to position 1

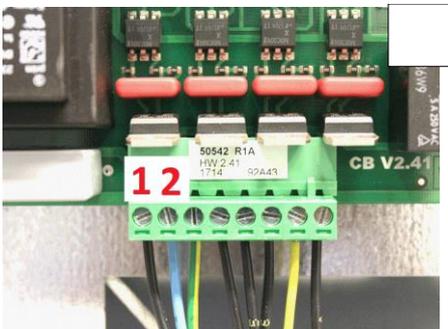


2. Is the display dimmed and can OFF be seen?

YES NOT



3. If NOT – Check if the black transformer is rounded, if so is, this is broken due to incorrect installation or a power surge



4. Check main circuit board: Measure ~volts between pole 1 and pole 2 on the green 8 pole connector on every deck, fill in the next table

5. fill in voltage here

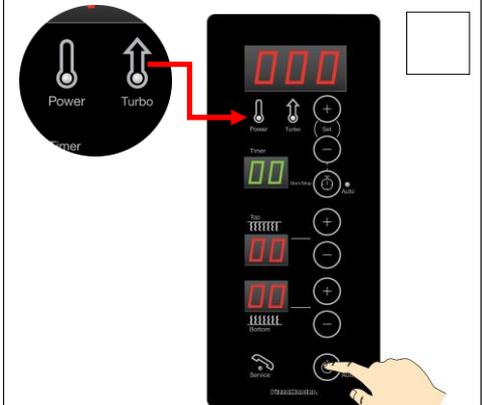
Deck 5: (If available) _____ V

Deck 4: (If available) _____ V

Deck 3: (If available) _____ V

Deck 2: (If available) _____ V

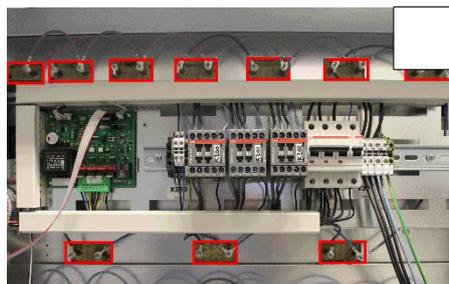
Deck 1: (lower deck) _____ V



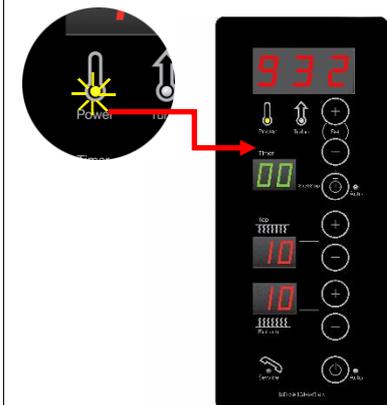
6. Press ON/OFF button on deck 1 to start the oven. Set all heat zones to 0, set temp to 0 degrees. Power lamp and turbo lamp should be off



7. Measure ~volts on all heaters (700 series = 10 heaters and 800, 900 = 14 heaters) there should be no voltage



8. Observe that every heater has its own hole cut out in the metal



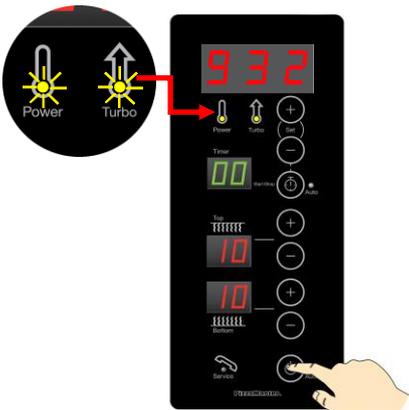
9. Set all heat zones to 10, set temperature to max. Power lamp should be on

FUNCTION CONTROL CHECKLIST

PM 700 / 800 / 900

FUNCTION TEST

Test the function of the electric components



10. Turn oven OFF and then ON again, this activates the turbo function (voltage to all heaters) Power lamp on and turbo light should be on



11. Measure all heaters, there should be voltage on all heaters, top and bottom



12. Measure Amps on incoming wires and note them in point 13.

13. Compare with amps list in electric schematic

Deck 5 (if available)

L1 _____ L2 _____ L3 _____ A

Deck 4 (if available)

L1 _____ L2 _____ L3 _____ A

Deck 3 (if available)

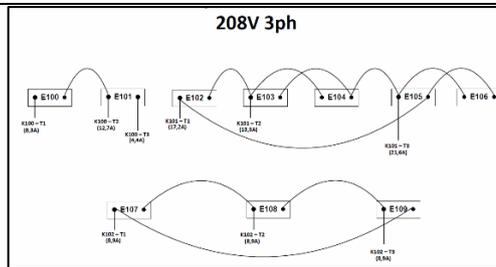
L1 _____ L2 _____ L3 _____ A

Deck 2 (if available)

L1 _____ L2 _____ L3 _____ A

Deck 1 (lower deck)

L1 _____ L2 _____ L3 _____ A

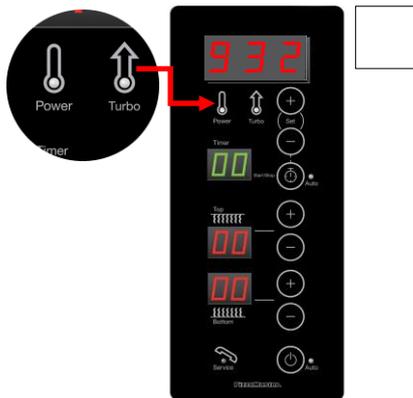


14. Find info where to measure and the correct amps draw in the electric schematic

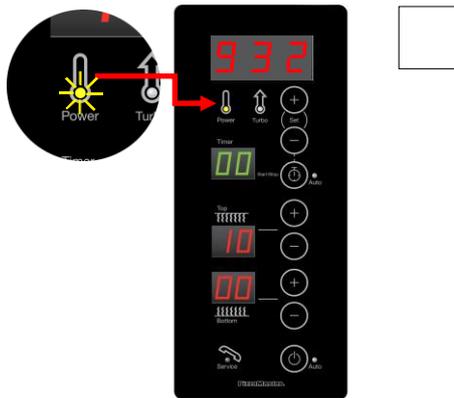
see next step picture ----->



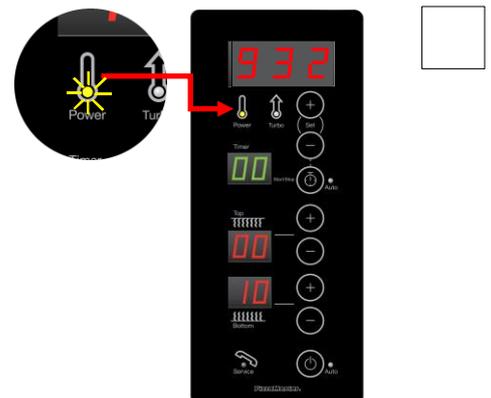
15. Measure amps on all heaters



16. Set heat zone TOP to 0 and BOTTOM to 0 this deactivates turbo



17. Increase TOP to 10 Power light should be on, Upper heaters should have voltage, lower heaters should have no voltage

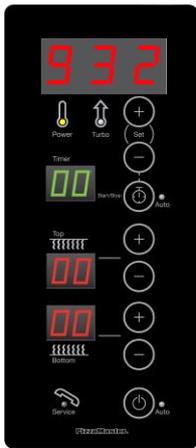


18. Set heat zone TOP to 0 and BOTTOM to 10 Upper heaters should have no voltage, lower heaters should have voltage

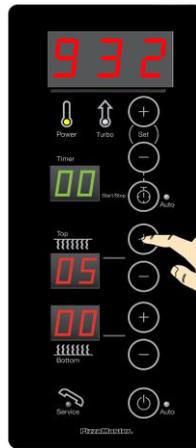
REPEAT POINTS 1-18 FOR ALL DECKS

FUNCTION CONTROL CHECKLIST

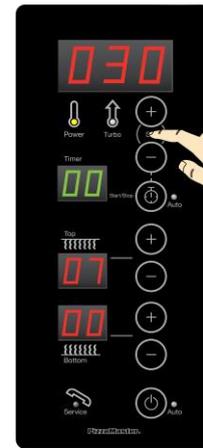
PM 700 / 800 / 900



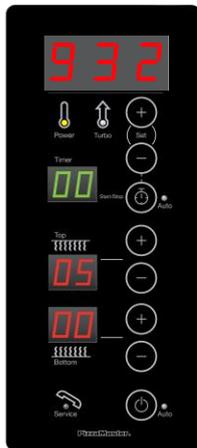
4. Start the oven, set **TEMP** to **MAX**, set **ALL HEAT ZONES** to "0". This turns turbo off and activates the software.



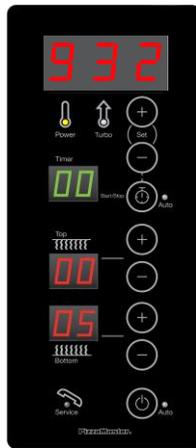
5. Start with **TOP FRONT** heat zone. Set heat zone **TOP** to "5" and **BOTTOM** to "0", power light is active.



6. Press **SET** key to see the setting. Look at the table to know the cycle times. Look at the **LEFT CONTACTOR** and time the active/inactive cycles with a watch to see that the software works properly



7. **TOP** heat zone, Setting is **TOP "5"** and **BOTTOM 0**. Look at **MIDDLE CONTACTOR** and time the active/inactive cycles. Should be approx 25 seconds active and 25 seconds inactive according to the table



8. **BOTTOM** heat zone, set **TOP** to 0 and **BOTTOM** to "5". Look at **RIGHT CONTACTOR** and time the active/inactive cycles. Should be approx 25 seconds active and 25 seconds inactive, all according to the table

FUNCTION CONTROL CHECKLIST

PM 700 / 800 / 900

TEMPERATURE CHECK

Test the function of the temp sensor PT1000

1. **We must know if the temperature shown on the display is correct and equal to real temperature.**
The oven should be on for at least one hour before performing this test

2. How to check

In this example the temp. is set to 600 degrees Fahrenheit.

Top and bottom setting is 7, 1.

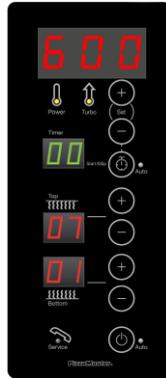
It's very important to be accurate when measuring.

Always measure when the **power light goes off**.

This means that the oven has reached the SET temperature.

Quickly open the oven door and measure in the center of the stone (s) with an Infrared thermometer.

The temperature on the stone surface should be about 30-40 degrees hotter than the SET temp, in this case about 630-640 **degrees Fahrenheit**.



Measure when power light goes off

