



PC3 user interface exchange in ovens

To ensure proper operation of a newly installed PC3 interface spare part, please follow rules below:

1. Exchange the user interface only in dust free areas.
2. Always perform factory test when finished.
3. Do not forget to remove the protection foil from the display.

FACTORY TEST DESCRIPTION:

The purpose of performing a factory test is to check all electrical components after final assembly.

Activation of factory test

Select 'MENU' -> 'Basic Service' -> 'Service' -> 'Reset all settings'.

This will cause restart from boot screen and start of 'initial settings' procedure.

Once the 'Time of day' setting is shown, operator has 10 seconds to press the following key combination:



Favourites → Minute Minder → Assisted Cooking → Minute Minder

A sound of the buzzer will confirm activation of test mode. Once it is started it cannot be terminated – it has to be performed to the end.

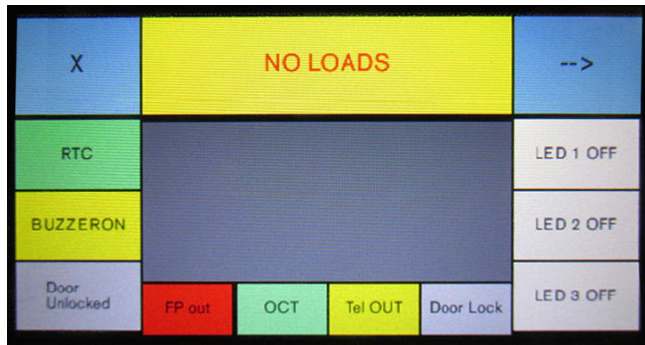
DO NOT DISCONNECT THE POWER SUPPLY WHILE THE TEST IS RUNNING

Press I/O button		
Target	ANC	Version
PC3-CB-FW	561915200	0.2.2
PC3-BB-FW:	561915200	BBPBA028
PC3-CFG:	561794404	
OVC-FW:	561537501	OC3EB025

1. First screen describes the software version of the oven electronics.

- First row Firmware of core board (ANC and version name).
- Second row Firmware of bridge board (ANC and version name).
- Third row Configuration of the core board (ANC only).
- Fourth row Firmware of power board (ANC and version name).

Press  to continue.



2. Second screen is the 'key and peripherals' test.

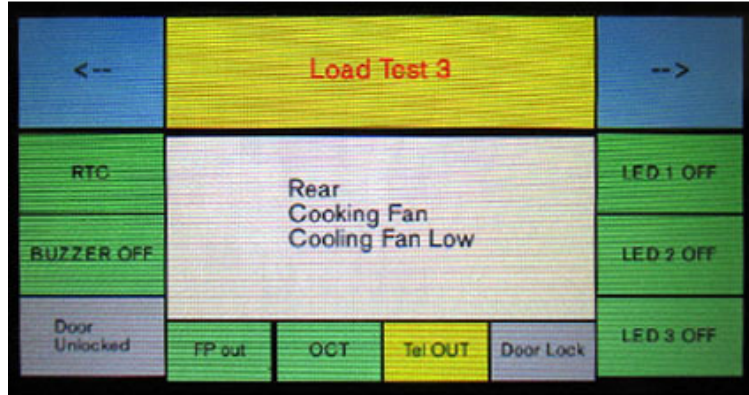
Green box means that a function has passed the test.

Yellow box means that test for this function is running.

Red box means that a function has failed to pass the test.

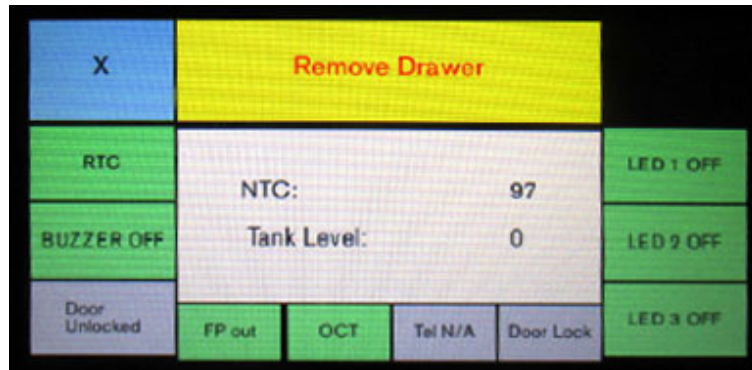
Operator has to manually activate, step by step, all yellow boxes. There is no specific sequence to follow.

RTC	Checks that the messages coming from the RTC sub-module are received.
BUZZER ON	Checks that the buzzer is working by generating a tone; second press stops the sound.
Door Unlocked	ONLY FOR PYRO OVENS First press activates door lock motor; second press unlocks the door.
FP out/in	FP out: food probe not inserted/temperature message not received. FP in: food probe inserted and temperature message received.
OCT	If green, the message with PT500 sensor value has been received from the power board (oven cavity temperature).
Tel OUT	Telescopic runners: no longer implemented.
Door Lock	ONLY FOR PYRO OVENS Turns to green if door lock feedback has been received.
LED 1 OFF/ON	Favourite key is not active/active and key backlight is off/on. Press key to turn it to green.
LED 2 OFF/ON	Minute minder key is not active/active and key backlight is off/on. Press key to turn it to green.
LED 3 OFF/ON	Assisted Cooking key is not active/active and key backlight is off/on. Press key to turn it to green.
→	Proceed with next step of factory test.
X	Reset factory test (start from beginning).



3. Third screen is the test of heating elements. This starts after pressing the → key. Active components will be shown on the display. The exact sequence is dependent on the configuration of the oven being tested.

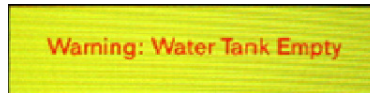
NEXT STEP IS VALID ONLY FOR STEAM APPLIANCES
 For appliances without steam functions skip to next point.



4. After previous step additional parameters are checked:
- NTC value (sensor placed in the water drawer).
 - Water level in tank (sensor placed in the water drawer).
 - Tank microswitch (sensor placed on the back of the water drawer).

NTC check is performed automatically by software. If the values exceed approved boundaries an error will be displayed.

Tank level test requires pouring water into the drawer. If it is empty a warning will be shown:

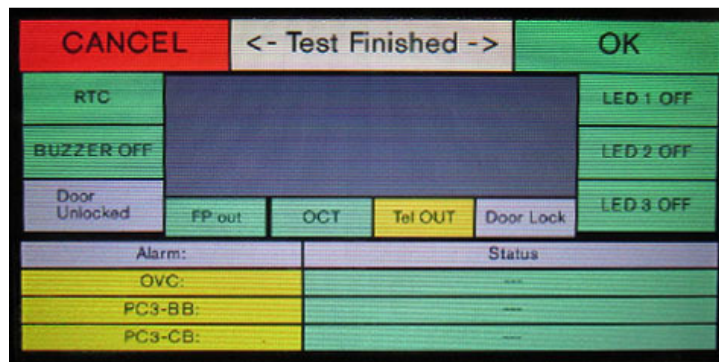


Tank microswitch test requires removing the drawer and inserting it again to pass.



5. Next step is a test of screen's brightness.

The display shows a yellow screen on full brightness. Touching the screen reduced brightness to a stand-by value. Second touch moves the test further.



6. Final screen shows the summary of conducted test.

Only two fields are active:

- OK confirms the complete test has been passed. If one or more automatic tests failed (all except buzzer test and key tests), then it will not be possible to confirm the test. It will have to be repeated.
- CANCEL restarts the factory test.

MODELS INVOLVED:

PNC	DATE	MODEL	BRAND
94418438301	20131014	EOC5956AA	Electrolux
94418438401	20131014	EOC5956AO	Electrolux
94418438501	20131129	EOC5956AA	Electrolux
94418438601	20131115	EOC5956AO	Electrolux
94418438701	20131014	EOC5956AA	Electrolux
94418438801	20131015	EOC5956AO	Electrolux
94418438901	20131015	EOC5946AO	Electrolux
94418439001	20131023	EOC5956AA	Electrolux
94418439200	20130715	EOB8956VA	Electrolux
94418439300	20131014	EOB8946AO	Electrolux
94418439600	20140414	EOB8956VA	Electrolux
94418439700	30131018	EOB8956VA	Electrolux
94418439800	20140415	EOB8956AO	Electrolux
94418440000	20131024	EOB8956VA	Electrolux
94418442700	20140325	EOC95956A	Electrolux
94418718200	20131030	BP8306001	AEG
94418718300	20131109	BS8356001	AEG
94418719600	20140507	BS8366001	AEG
94418719800	20140417	BS836600N	AEG
94418719900	20140414	BP831600N	AEG
94418722700	20140507	BS5836600	AEG
94418722800	20140508	BP5831600	AEG
94418723000	20140424	BP831600W	AEG
94418723400	20140428	BS835600W	AEG
94418723500	20140417	BS836600S	AEG
94418724000	20140424	BP831600S	AEG
94418729900	20141203	BP8306601	AEG
94418730000	20141204	BP831660W	AEG
94418730300		BP5831660	AEG

REVISION:

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00	12/2014	Document Creation	Marcin Kobiatka	2014-12-17 Josef Leis