

## SERVICE INSTRUCTION

### DISHWASHERS

**4-022-0505**

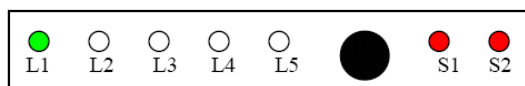
#### 1 – INTRODUCTION

The present document describes the execution modality of the test programs for the 3rd generation electronic timers for full door led visualisation dishwashers.

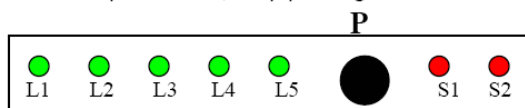
#### 2 – Test program

##### 2.1 – Setting modality

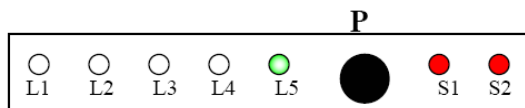
Before setting the test program, make sure that the dishwasher is in a starting status, in which the tub is empty. To do this, it is sufficient to set the modality "Setting a program to zero" that is described at point 2.3. The test cycle can be set in the following way:



- a) With the opened door, keep pushing on the P button for 30" till all LEDs are going on:



- b) Within 3" leave the button and push it again to confirm the execution of the test program. The confirmation of this operation is shown by the blinking of the following LED :



L5 blinking

In the case of a wrong setting procedure the test cycle doesn't start and one must repeat the from point (a)

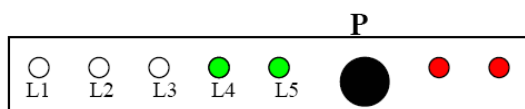
##### 2.2) Leaving the test program

In order to leave the test program the dishwasher must be turned off; this means that if the dishwasher is being opened during the test program, this will not be stored inside the memory and for reactivation of the test program one must execute anew the "setting modality"

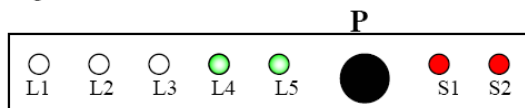
##### 2.3) Setting the program to zero

In order to set a program to zero and bring the appliance to an starting status for the test cycle, perform the following operation:

- a.) with the opened door keep on pushing on the P button till the following leds are going on:



Close the door and the appliance oges automatically in the drain moldality and at the end the leds L4 and L5 are blinking



L4 and L5 are blinking




































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#### 2.3) Execution of the test program

Test program for 45cm models.

Step	Description	Indicator status
1)	<b>WAITING TO START THE TEST PROGRAM:</b> The appliance with opened door is ready to perform the test program	    
2)	<b>STARTING THE CHECK</b> Close the door; after some seconds the appliance starts loading (the first part with the motor keeping still, the second part with the motor working)	    
3)	<b>OPENING OF THE DISPENSER UNIT</b> After the pressure switch level has been reached the dispenser unit is being activated.	    
4)	<b>HEATING PHASE</b> The appliance is heating till it reaches a temperature of 50°C. During this phase it is possible to test the functioning of the antiflood safety device on the bottom tray, by lifting the polystyrene floater; during this actioning the drain has to start  <b><u>Notice: during this phase, by pushing on the program selection button, the timer is forced to step to following phase.</u></b>	    
5)	<b>WAITING FOR OPERATOR'S ACTION</b> Once the temperature of 50°C has been reached, the appliance gives an acoustic signal. During this phase the regeneration valve is activated  <b><u>To proceed with the cycle the operator must push on the program selection button</u></b>	    
6)	<b>FINAL DRAIN</b> After having pushed the program selection button the appliance starts (or proceeds if already started) the draining and at the same time it activates the regeneration valve and the drying fan if present (and after the Empty signal of the pressure switch)	    
7)	<b>TEST END</b> After the final drain the appliance reaches the check end indicating it with L5 blinking and the other indicators on in a fix way.	    



LED IS BLINKING



LED IS ALWAYS ON

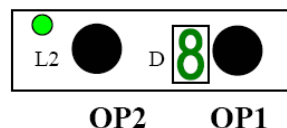
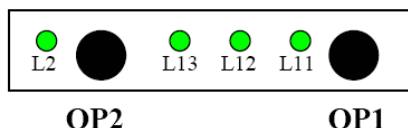
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#### 2.5) FUNCTIONAL CHECK OF THE OPTION MODULE (if present)

Set a program different from the Soak by pressing the P button. The possible option modules are indicated below



- c) Push several times on the OP1 button and verify that the Led sequence L11, L12, L13 are going on. Return to the situation with all lights off.
- d) Push on OP2 button and check that the Led L2 is going on. Push again OP2 and check that the L2 light goes off.

- a) Push several times on the OP1 button and verify that the numbers on the display pass from -,1,2,...etc. return to the starting point with the slash (-).
- b) Push on OP2 button and check that the Led L2 is going on. Push again OP2 and check that the L2 light goes off.

#### GENERAL CHECKS TO PERFORM DURING THE TEST PROGRAM

- 1) Check if there are any water leakages
- 2) Check the functionality of the salt and rinse aid indicators (if present)
- 3) Check of the functionality of the sky wash (if present)

#### 3) Alarms

in the following the chart indicates possible errors that may be found.

Alarm/description	Visualisation
E1 - Fault in Acquastop device	
E2 - Safety level	
E3 - No heating	
E4 - NTC not connected	
E5 - No water loading	
E6 - No drain	