

10. Service Test Program:

Step 1: Press the end time setting selection (1) and play/pause (2) button at least 1 sec, then press the On/Off/Cancel (3) button 3 seconds, these combination will start service test program. In this program start/pause button (2) is used to pass other steps.



Step 2: Start/pause button is pressed, software version appears on display. (7C:nU: 7 kg condenser tank up model)



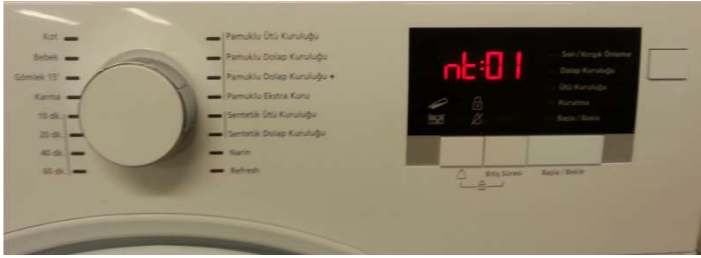
Step 3: Start/pause button is pressed, all leds around the programme selection knob and the remaining time indicator on the display lights, the other icons on the display blink.

Step 4: Start/pause button is pressed, software version "X:XX" appears on the display.

Step 5: Start/pause button is pressed, buzzer sounds "Error/Warning", all icons go on lighting and "88:88" appears on the display.



Step 6: Start / Pause button is pressed. The values of the heater NTC (nt02) and door NTC (nt01) are shown on the display.

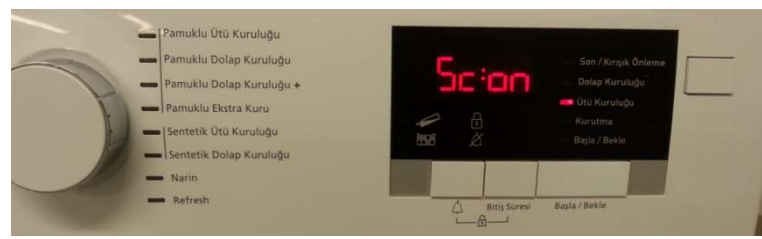
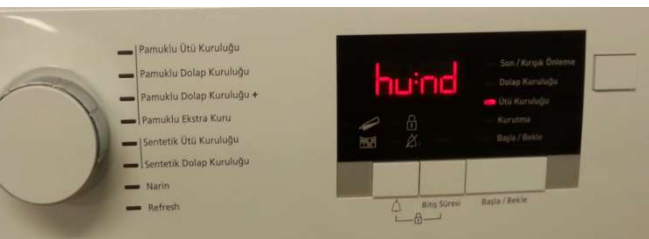


If NTC and Voltage Error occurs, **Er:or** appears on the display and the step cannot be passed to the next steps.

Step 7: Start / Pause button is pressed. Motor rotates clockwise, **“Dr rr”** appears on the display and the drying led lights on. When the asynchronous motor rotates CW, it draws a current between 0,65A - 1,25A @ 230V; when the BLDC motor rotates CW, it draws a current between 0,65A - 1,45A @ 230V.



Step 8: Start / Pause button is pressed, **“hu:nd”** appears on the display and iron drying led turns on. Make the sensor short circuit by touching the sensor plate. **“Sc on”** appears on the



display.

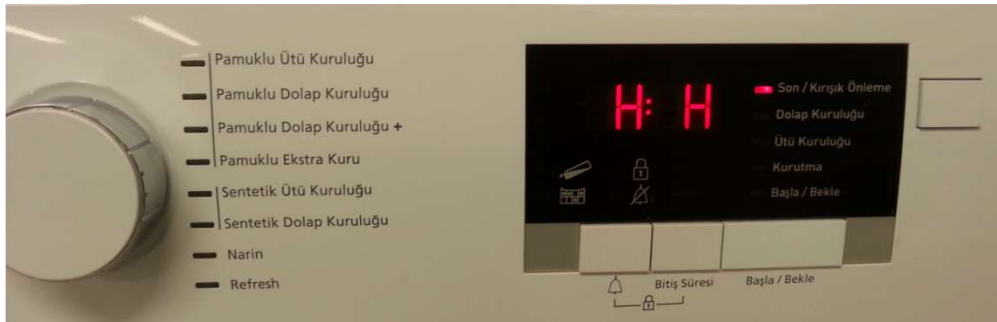
Important note: At step 8, the sensor plate needs to be short circuited in 10 seconds, otherwise **“Sc:Er”** (short-circuit error) appears on the display. When **“Sc:Er”** appears on the display, below steps must be followed:

1. Dryer must be switched off and service test must be restarted.
2. If the same error is seen in second trial, a problem may be in humidity sensor cables and sockets. Please check humidity sensor cables and sockets.
3. A problem may be in humidity sensor.
4. If there is not a problem in above parts, a problem may be in main board.

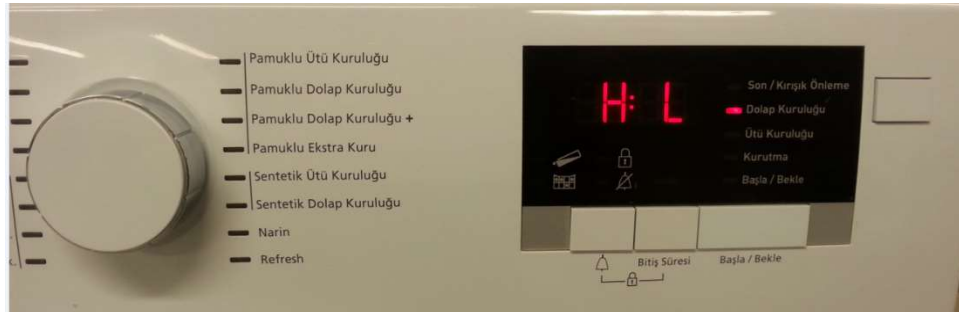
Step 9: Start / Pause button is pressed and “H:L” appears on the display. The heater of 1600W power starts to work.



Step 10: Start / Pause button is pressed and “H:H” appears on the display. The heater of 1600W or 1400W etc. power starts to work.



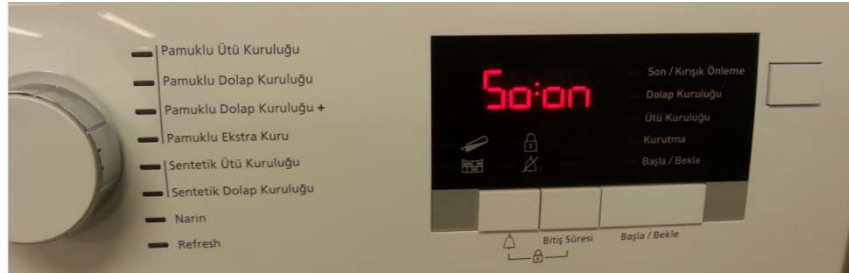
Start / Pause button is pressed and “H:L” appears on the display. The heater of 900W or 400W etc. power starts to work.



Step 11: Start / Pause button is pressed. All the components are turned off and “St:OP” appears on the display.



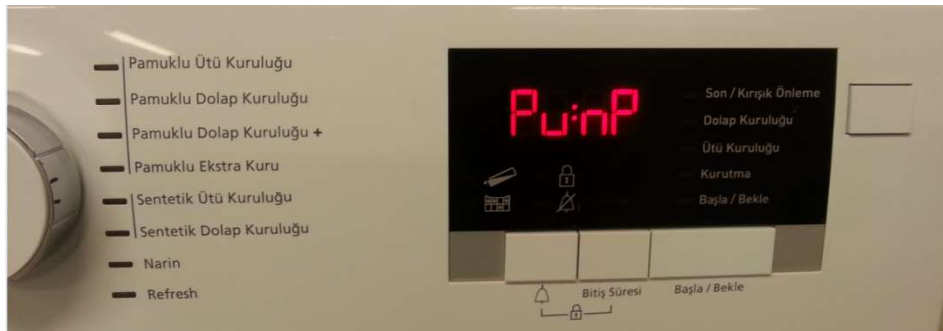
Step 12: Start / Pause button is pressed. If it is open circuit, “So on” appears on the display. Check the sensor if the sensor plates are open circuit. It cannot be passed to the next steps till the sensors are open circuit.



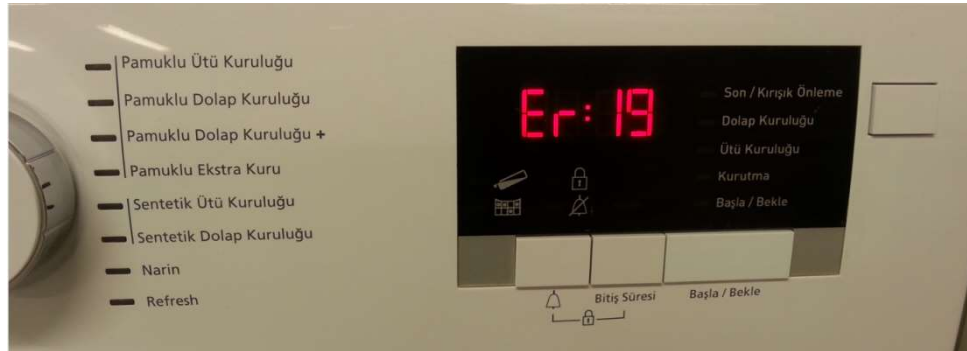
Step 13: Start / Pause button is pressed, all components . “St:OP” appears on the display.



Step 14: Start/Pause button is pressed. The pump activates, “Pu:nP” appears on the display. If the power socket of the overflow microswitch is not connected, the buzzer sounds and **Pu:Er** appears on the display in 1 second intervals. When the pump activates, the power consumption of the pump is 10W-20W @ 230V A.C. (0,04A – 0,1A)



Step 15: Start / Pause button is pressed. The last 5 error messages are shown on the display respectively.



Step 16: Start / Pause button is pressed. The test program will be exited.

Error codes:

Error Codes Definition
Er 01 : Water Tank Full
Er 02 : Filter Blocked
Er 03 : Belt Broken
Er 04 : If the door NTC exceed its limit °C compressor will stop for 5 minutes.
Er 05 : Compressor / Heater NTC Overheat
Er 06 : Temperature difference is high between Heater and Door NTC
Er 07 : Rapid Temperature Increase
Er 08 : If the Door NTC is open circuit.
Er 09 : If the Door NTC is short circuit.
Er 10 : Compressor / Heater NTC Open Circuit
Er 11 : Compressor / Heater NTC Short Circuit
Er 12 : If the humidity sensor drying programs reaches its maximum time limit. These limits; Cottons and Synthetics are 300 minutes.
Er 13 : If the drum is empty. (Only beginning of sensor drying programs)
Er 14 : Low Voltage Error (Lower than 165V)
Er 15 : High Voltage Error (higher than 265V)
Er 16 : Start button pressed when the door is open.
Er 17 : Door is open during running.
Er 18 : Communication Error (Main board, Display board)
Er 19 : Program finished by user.
Er 20 : Program paused during running.