TROUBLESHOOTING LMED TP

BARRIER MACHINES

LMED-16-22-35-50-66 TP

1 – E1

Caused : Power shut down during washing.

2 – E3

Caused : Detection of water in tank during emptying.

Source of error : - Drain line and / or Drain valve blocked,
- Faulty drain valve (mechanical or coil),
- No supply of the coil (VID1) of the drain valve (230V-AC)

Solved problem : - Clean the duct and / or drain valve,
- Replace the drain valve,
- Check wires (disconnected / switched off / CPET card power supply).

Other problems : If flow is OK (no water in the tank), check and / or clean the analog
pressure switch hose (clogged or pinched) that does not detect the water level of the tank (PRA).

3 – E5

Cause: The water level has not reached the set point.

Source of error: - Check the shut-off valve of the installation,
- Check / clean the water inlet filters in the solenoid valves,
- No supply of solenoid valves EC, ED, EF (230V-AC).

Solve the problem: - The shut-off valve must be open,
- Replace defective electrovalve,
- Check wires (disconnected / switched off / CPET card power supply).

Other problems: If filling is OK, check and / or clean analog pressure switch hose (plugged or pinched) that badly detects the water level of the tank (PRA).

4 – E6

Cause: The temperature of the tank has not reached the setpoint.

Source of error: - Defective resistance (1 or more),
- Check heating contactor (CH) or steam electrovalve (EVV),

Solve the problem: - Check the intensity of the heating resistors,
- Check voltage at the terminals of the heating resistors (230V-AC),
- Replace the heating element (s)
- Check the voltage of the contactor coil (230V-AC),
- Check wires (disconnected / cut),

Other problems: - If the heating contactor or the solenoid valve is not supplied, check the safety pressure switch (PRS),
- Check that the drain does not leak.

5 – E7

Cause: The internal temperature of the tank reached 95 ° C.

Source of error: - Heater contactor (CH) defective (Bilge pasted).
- CPET card (control blocked in closed position),

Solve the problem: - Replace the heating contactor,
- Replace the CPET card.

Cause: The sensor no longer detects the positioning of the doors during the cycle (excluding drum door detection phase, slow rotation and filling phase).

Source of error: - Strap removed or broken,
- Sensor defective / disconnected / incorrectly adjusted (must detect both slats).
- Faulty drive (no drive control),
- Faulty motor contactor.

Solve the problem: - Replace the belt,
- For the drive, switch off the machine 5min and reconnect (if the fault persists, call the technical service),
- Replace the motor contactor.

Other problems: - Brake option: The brake is locked (more controlled), check the relay (RB).

Cause: The machine failed to start spinning due to repetitive unbalance detection.

Source of the error: - Badly distributed linen,
- Defective stabilizers and / or shock absorbers,

- Inverter sensitivity too high.

Solve the problem: - Dispense the laundry manually,
- Replace the stabilizers and / or shock absorbers,
- Adjust the drive sensitivity.

Note: This defect is only taken into account at the beginning of the spin phase when measuring the unbalance values.

8 – E10

Cause: The mechanical unbalance sensor has been triggered.
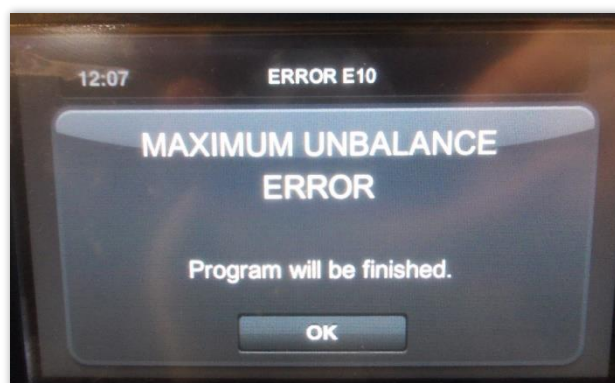
Source of the error: - Badly distributed linen,
- Defective stabilizers and / or shock absorbers,
- Inverter sensitivity too high.

Solve the problem: - Dispense the laundry manually,
- Replace the stabilizers and / or shock absorbers,
- Adjust the drive sensitivity.

Note: - This fault is taken into account during the spin phase at maximum speed.
- Electronic unbalance is not taken into account during the maximum spin.

Cause: - The machine was switched off when the temperature was above 50 ° C,
- Attempt to open the doors after a fault when the temperature was above 50 ° C.

10 – E23

Cause: Values of the weighing block not detected by the CPET card.

Source of the error: - Defective weighing unit,
- Faulty secondary card (Card 14).

Solve the problem: - Check the wires of the weighing block,
- Replace the weighing block,
- Replace the secondary card (Card 14).

11 – E25

Cause: The CPET card has no info of the NTC temperature probe.

Source of error: - NTC temperature sensor faulty,
   - CPET card defective,

Solve the problem: - Check the sensor wires (disconnected / cut),
   - Replace the NTC probe,
   - Replace the CPET card,

Note: - This fault is detected during heating only.

12 – E27

Cause: The CPET card has no info of the NTC temperature probe.

Source of error: - NTC temperature sensor faulty,
   - CPET card defective,

Solve the problem: - Check the sensor wires (disconnected / cut),
   - Replace the NTC probe,
   - Replace the CPET card,

Note: - This fault is detected during heating only.

13 – E28

Cause: The CPET card has no water level information in the tank.

Source of error: - Defective analog pressure switch,
    - Defective CPET card.

Solve the problem: - Check the wires of the analog pressure switch (disconnected /
    switched off),
        - Replace the CPET card.

14 – E29

Cause: The sensor no longer detects the positioning of the doors at the start of the cycle.
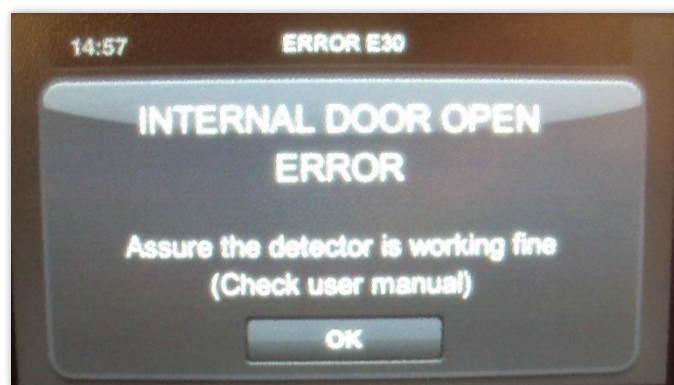
Source of error: - Strap removed or broken,
    - Sensor defective / disconnected / incorrectly adjusted
(must detect both slats),
    - Faulty drive (no drive control),
    - Unlocked door strikes,
    - Starting a cycle with wet linen (overweight).

Solve the problem: - Replace the belt,

- For the drive, switch off the machine 5min and reconnect (if the fault persists, call the technical service),
- Check the door safety switch wires (disconnected / cut),
- Lock the door safety switch,
- force the lamella sensor.

Other problems: - Brake option: The brake has locked during the cycle (more controlled), check the relay (RB).

15 – E30

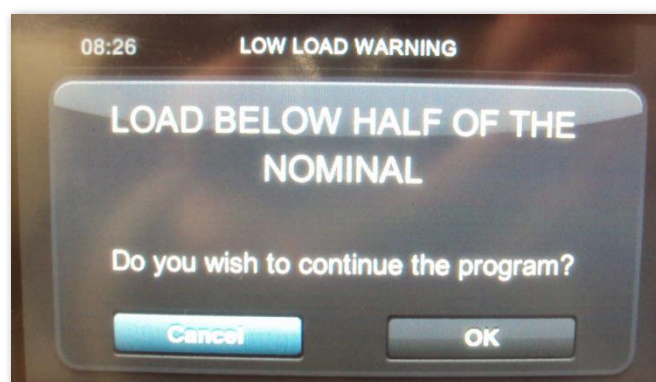**Cause:** The drum door safety sensor has been tripped.

Source of the error: - Door badly closed,
- Defective CDV sensor,
- Defective SPT1 and / or SPT1 contact (and / or SPT2 for 800-66),

Solve the problem: - Close the drum door,
- Check CDV mechanical sensor,
- Replace mechanical sensor CDV,
- Check continuity (between RB drive and SPT1),
- Replace SPT1 contact.

16 – WEIGHT ERROR

Cause: The machine is overweight or underweight when starting a cycle.

Source of error: - Machine too loaded,
- Incorrect weighing values.

Solve the problem: - Put the right load of laundry,
- empty the machine and calibrate the weighing.

18 – SPARE PARTS REFERENCE

Name	Reference (630-16)	Reference (630-22)	Reference (800-35)	Reference (800-50)	Reference (800-66)
Drain valve	ELE VAN 0015	ELE VAN 0015	ELE VAN 0015	ELE VAN 0015	ELE VAN 0015
Electrovalve simple	X	X	X	ELE VAN 0026	ELE VAN 0026
Electrovalve double	ELE VAN 0003	ELE VAN 0003	ELE VAN 0034	X	X
Electrovalve triple	ELE VAN 0002	ELE VAN 0002	ELE VAN 0035	X	X
4 Ways electrovalve	X	X	X	ELE VAN 0014	ELE VAN 0014
Heating element	SAV W25 0041	SAV W18 0007	ELE RES 0003	SAV W25 0041	SAV W25 0041
NTC Probe sensor	ELE ELE 0154	ELE ELE 0154	ELE ELE 0154	ELE ELE 0154	ELE ELE 0154
Heating contactor 1	ELE CON 0047	ELE CON 0059	ELE CON 0046	ELE CON 0059	ELE CON 0059
Heating contactor 2	X	X	X	ELE CON 0059	ELE CON 0059
Heating contactor 3	X	X	X	X	ELE CON 0047
Safety pressure control	ELE ELE 0120	ELE ELE 0120	ELE ELE 0120	ELE ELE 0120	ELE ELE 0120
Analogic pressure control	ELE ELE 0153	ELE ELE 0153	ELE ELE 0153	ELE ELE 0153	ELE ELE 0153
Motor contactor	ELE CON 0047	ELE CON 0047	ELE CON 0047	ELE CON 0047	ELE CON 0047
CPET card	ELE ELE 0152	ELE ELE 0152	ELE ELE 0152	ELE ELE 0152	ELE ELE 0152
Secondary card	ELE ELE 0151	ELE ELE 0151	ELE ELE 0151	ELE ELE 0151	ELE ELE 0151
Unbalance (BAL1)	ELE DIV 0219	ELE DIV 0219	ELE INT 0017/0028	ELE DIV 0219	ELE DIV 0219
Unbalance (BAL2)	X	X	X	ELE INT 0017/0028	ELE INT 0017/0028

Frequency inverter	ELE ELE 00013	ELE ELE 00013	ELE ELE 0003	ELE ELE 0004	ELE ELE 0005