

FX 3300-IV: Pump is not working

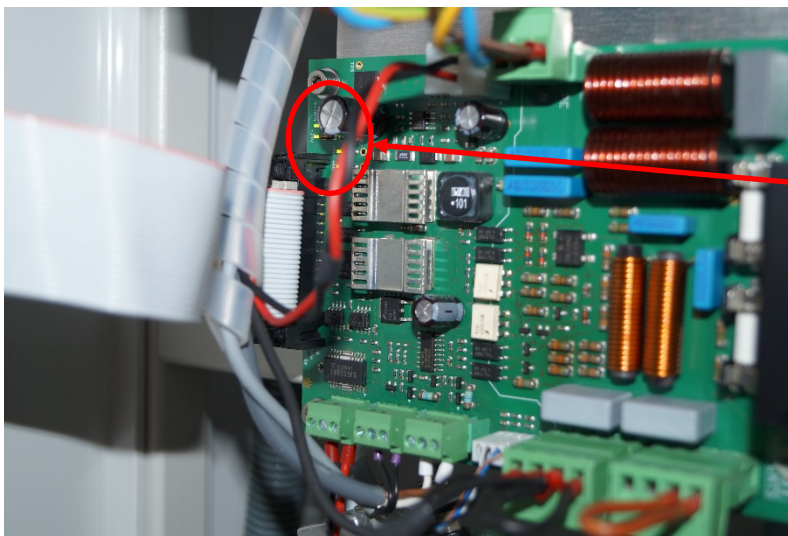
03/2017, NF

Symptom: After the clamping is pushed down (to start a measurement), the display changes into measurement mode. In case automatic range is activated, the orifice disc will rotate into position 1. The pump, however, is not working and there is no air flow detectable. The displayed result is 0.00 .

Cause: a) The printed circuit board TT 3300-4-920 "Pump control" needs replaced b) The fuse is blown c) The pump needs replaced d) The printed circuit board TT 3300-4-930 Printed circuit board "Pressure sensors" needs replaced

a) Printed circuit board TT 3300-4-920 "Pump control" needs replaced

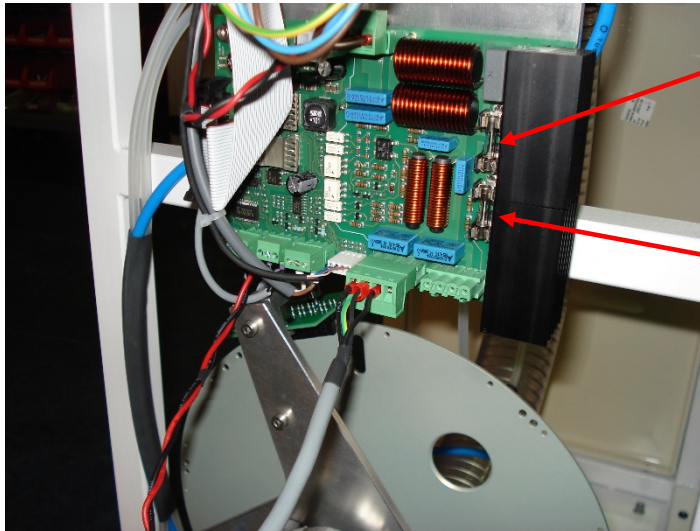
1. Remove the right and left rear panels from the instrument.
2. Locate the printed circuit board TT 3300-4-920 "Pump control":
3. Switch on the instrument
4. Check, whether or not the green LEDs are ON (4 pcs). If not, please report to Textest which LED is OFF.



4 green
LEDs
must be
ON

b) The fuse is blown

1. Switch off the instrument
2. Remove the right and left rear panels from the instrument.
3. Locate the printed circuit board TT 3300-4-920 "Pump control":



Fuse for the pump (5 mm size):
- 6 A SB (230 V models)
- 16 A SB (100/115 V models)
(SB = slow blow)

Spare fuse for the pump (5 mm size):
- 6 A SB (230 V models)
- 16 A SB (100/115 V models)
(SB = slow blow)

4. Replace the fuse with the spare fuse. Switch on the instrument and check, whether or not the pump is working.

c) The pump needs replaced

In case the fuse blows again, most likely the pump needs replaced. Note that the pump is a wear part and must be replaced after some time of operation.

d) The printed circuit board TT 3300-4-930 Printed circuit board "Pressure sensors" needs replaced

In case one of the pressure sensors is defective, the pump will not start and the display shows 0.00. In this case, replace the pressure sensor pcb.

