

**Question: Why is there a interference to other channels in the AD-Converter test?**

Answer 1.: There is a salty environment on any place of the electrical connection.

Solution: - Clean it.

Answer 2.: The AD-Converter has a fault.

S1: Make a test with another card

S2: Check the AD-Card without the machine.

Make sure, that the 10 kOhm Array of the water test is connected:

- Use a 9 Volt battery.
- Connect the minus of battery to Pin20 of 37 pin connector at the resistor-array box.
- Connect the plus of battery to a 1 kOhm resistor.
- Connect to other side of resistor with Pin1, after this to Pin2, till Pin10
- Check, if the AD-Converter is working properly, channel for channel.

If no have a 9 Volt battery.

- Use the 10 Volt of machine instead.
- Switch the 10 Volt on Ad-Converter test on.
- Make a ground-connection to Pin20.
- Go with the 10 Volt from plate to every channel.
- It is more save, if you go over the 1 kOhm resistor to the channels.

Observe the AD-Converter test on screen during you connect to every channel.

You connect only 1 channel and can observe, if there is a interference to an other channel.

Important is, that the 10 kOhm resistor box is present.