

Quick-Check of AQUACON-LC Devices

In case of wrong measurements or malfunction please carry out following checks:

1. is the pumpe tube worn out? The producer recommends to replace the tube after consumption of 5 bottles of reagent or after 6 months use (see manual)
2. is the reagent grown old, wrong or stored wrong ? (spezifikation, see manual)
3. is a cleaning of the measuring cell done according to the recommendation of the producer? (cleaning with **hydrochloric acid 10%**.)
4. does the stirrer work and is the moving magnet inside the measuring cell ? (check by manual switching on the stirrer. Visual control with open measuring cell. The cap of the cell must be removed)
5. does the sample meet the specifications issued by the producer ? (see manual)
6. check the connection of external devices according to the connection diagram
7. check the main fuse of the instrument.


If all checks did not show any compliant but the instrument did not work proper, please contact the supplier.

Cleaning of the measuring cell

Switch off the device.

Remove the cap of the cell.

Remove the inlet tube for the sample. Put a vessel below the valve, not to splash the liquid to the ground.

Switch on the device. Open the valve by pressing the key  until the measuring cell is empty.


Switch off the device.


Fill in **10% hydrochloric acid** from the top.


Press key  while switching on the device. Release the key  and wait for at least 2 min.

Switch off the device.

Connect the inlet tube and close the cell.

Switch on the device. Open the valve by pressing the key .

Hold key  pressed until a volume of at least three times the measuring cell's volume is consumed, (Rinsing).



Release the key . Analysis will start.

Check for proper function by carrying out at least two analysis.

Stirrer check

Switch off the device.

Remove the cap of the cell.

Press the key  while switching on the device. Release the key .

Check by visual control movement of the stirrer magnet.

If the stirrer funktion is proper, close the cell.

Start normal operation by switching off and on the device.