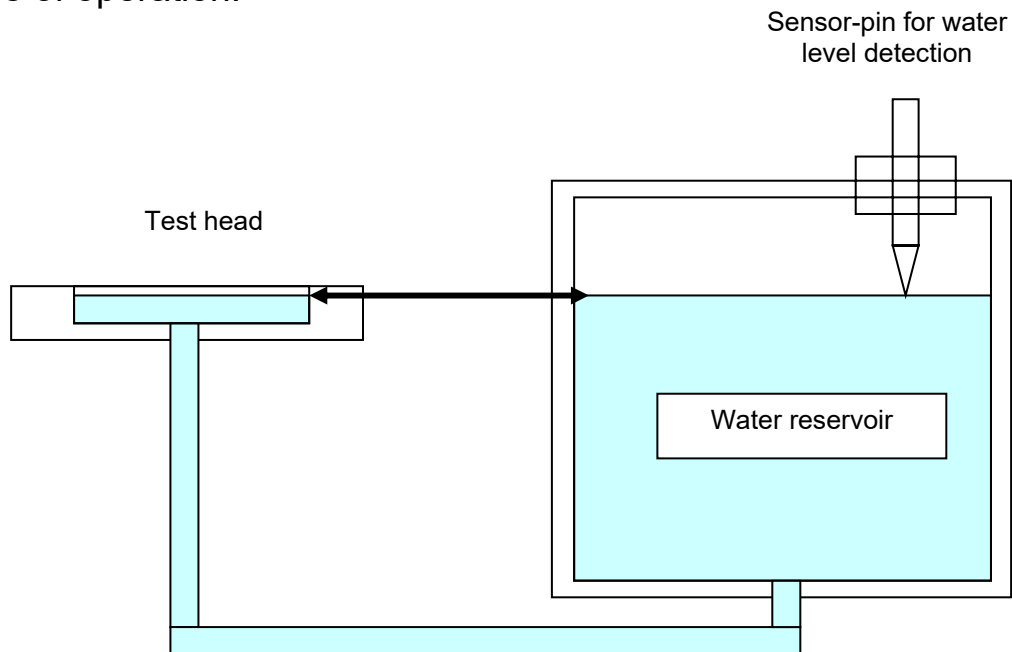


# 3000-IV ALC, Automatic Level Control

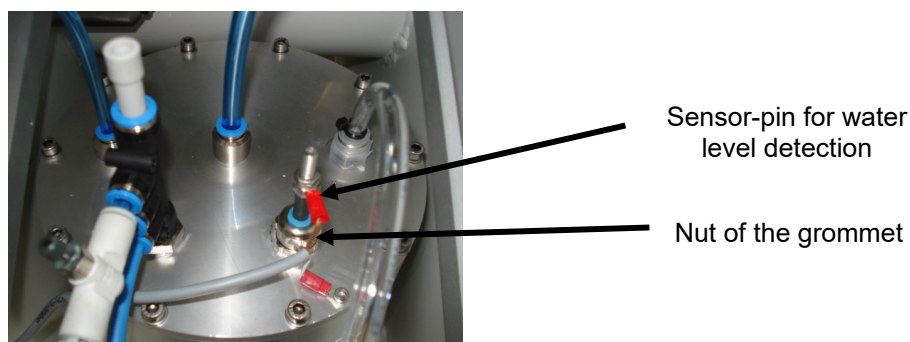
Principle of operation:



- A sensor-pin detects the water level in the water reservoir tank. This sensor controls the ALC pump via the software

## Adjustment of the sensor pin:

- Make sure the instrument is leveled correctly. If not, adjust the level by screwing in or out the feet. An incorrectly leveled instrument will have an influence on the water level in the test head.
- In the menu Settings / ALC set the adjustment level to position 1
- Adjust the sensor-pin such that it detects water, when the water level in the test head is approx. 3 mm below the correct level. For adjusting the sensor-pin, open the nut of the grommet and move the sensor-pin up (for increasing the level in the test head) or down (for lowering the level in the test head).



- The ALC-sign in the display turns from red to blue, as soon as the sensor-pin has detected water.
- After setting the sensor-pin, tighten the nut of the grommet again
- In the Settings / ALC adjust the time, which the ALC pump is running, after the sensor-pin has detected water. Setting 1 means 0 sec, setting 30 means 15 sec running time after the sensor-pin detects water.