

ONE PAGER

MEDIRLAB Biomedical Development Co., Ltd
1145 Budapest, Amerikai út 98., Hungary

<https://www.medirlab.com/>

CEO: Dr. Nagy Tamás (tamas.nagy@medirlab.hu)

COO: Király Zsolt (zsolt.kiraly@medirlab.hu) contact holder

AQUALYGATE

Summary

The Aqualygate In-line water quality control system continuously measures the most important 11 quality parameters of the drinking water flowing through the pipeline in real time:

pressure, temperature, flow rate, electrical conductivity, pH, chlorine content, turbidity, protein, humic

substances, green algae and cyanobacteria concentration.

Area of application: swimming pools, hospitals, office buildings and protected objects.

The problem

Substances harmful to health can enter the water network accidentally, as a result of an accident, or as a result of deliberate acts of sabotage. These represent an increased risk in a hospital or healthcare institution, where patients are particularly susceptible to infections. If a section of the piped drinking water system has not been used for a long time, or there is a deeper section where stagnant water can form, pathogens can multiply there.

The solution

The Aqualygate water quality control system developed and manufactured by Medirlab Kft. is connected to the pipe system (the tested water flows through it) and measures the most important harmful components continuously (24 hours a day). The system has an online connection, so the team responsible for water quality can constantly monitor the measured results, also on a computer, tablet and smartphone.



The project

Adoption of the system for hospitals and healthcare institutions.

The development takes 6 months.

The funding requirement for the development is EUR 100,000.