

# Lab Station PS4-12

## Challenge

Water quality can be difficult to monitor. Measuring several water quality parameters at multiple locations during the day is labour intensive and thus very expensive. Using multiple sensors creates frustration from breakdowns, calibration, maintenance, and non-conforming measurements.

## Solution

Lab Station PS4-12 automatically measures the most important water quality parameters 24/7.

So, you can pay attention to the results on your preferred IT platform and focus on the fish wellbeing.

## How it works

One Lab Station can measure up to 12 sample points. Typical sample points are the various process steps in a RAS farm.

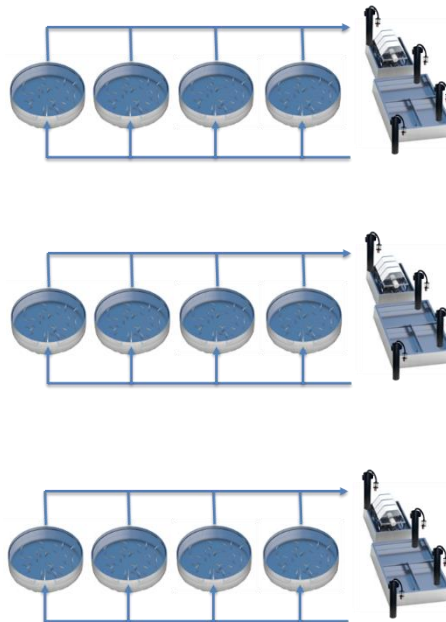
Water is pumped via a dual line system into a centralised compact sensor cabinet (The Lab Station). The water is then analysed, and the data is sent to safe storage in the Cloud. Data is online for your preferred device.

## Parameters measured.

1. H2S
2. CO2
3. Total Inorganic Carbon (TIC)
4. NH3
5. Temperature
6. O2
7. pH
8. Redox
9. Turbidity
10. Salinity
11. Conductivity
12. TDS

## Service

Various service levels adapted to clients need.



## Benefits

- ✓ Working 24/7
- ✓ 1 set of sensors to calibrate
- ✓ Smart system to notify when calibration is needed
- ✓ Self-cleaning
- ✓ Strong and intuitive visualisation platform
- ✓ Alarms to email and phone
- ✓ Individual sensor data to clients own control system
- ✓ 1 Lab Station can cover 3 RAS
- ✓ Your own water quality service team ready to help
- ✓ Able to detect changes over devices (gradients)

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stable water quality