



LAB STATION

Stable water quality for consistent and safer production

How can Blue Unit A/S help to create greater safety and stability in your production? What would this mean for your fish and production?

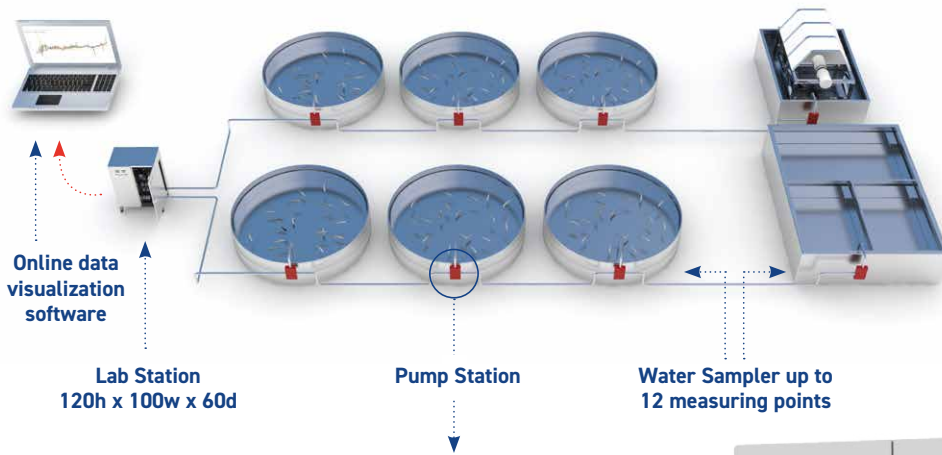
- Fish grow faster with less feed
- Reduced use of oxygen, chemicals and energy
- Fish become more robust and have better condition in regards to transfer to on-growing.

The Blue Unit Lab Station (Patent Pending)

The Lab Station is a unique measurement system. Measurements are made on water samples that are drawn from up to 12 separate locations on

a fish farm. Automatically, a sample is drawn and measured. The entire tubing system is then cleaned, followed by a new sample being drawn. The Lab Station measures not 2, but 9 water quality parameters 24/7. This means we can develop a precise picture of complex water quality trends across the fish farm.

We have discovered that there are large changes within water quality across the fish farm throughout the day. Blue Unit are experts at analysing and communicating practical management strategies that improve water quality.



Parameters

we measure

- Free CO₂
- Total carbonate
- pH (2 pcs)
- Redox
- Salinity
- Turbidity
- Oxygen
- Temperature



Sensors

Use of high quality sensors that give fast and accurate measurement results are critical for system success. To achieve our minimum criteria for sensor speed and accuracy we had to develop our own carbon dioxide sensor. Where each sensor covers measurements for up to 12 locations on a fish farm, we have minimised sensor cost, maintenance and calibration time.

Easy Installation - Low Maintenance

Blue-Unit Lab Stations are easy to install, requiring only a power supply, internet connection and a freshwater tap connection.

Blue-Unit Lab Stations have proven themselves to be nearly maintenance free. Some chemicals need to be refreshed on a monthly basis.