

Lab Station TurbiFlex

Challenge

Turbidity changes can be indications on issues related to overfeeding, poor feed technical quality, feed system failure, fish appetite, tank hydraulics & RAS cleaning efficiency.

Solution

Blue Unit offer a solution where you can monitor your turbidity throughout your farm 24/7, see how the turbidity develops and where it comes from.

How it works

Water sampling pumps (PSP's) are typically located at the fish tank outlet, after mechanical filtering and at the main cleaned water outlet back to the fish tank. Picking up location of turbidity change.

The pumps deliver water to the Lab Station TurbiFlex centralized analyser frequently and measuring the turbidity constant.

The data is sent to the Cloud for easy access and visualisation on your computer, tablet, or phone.

The pumping hoses are cleaned by pressurised air between the samples to ensure a representative sample each time.

Data is stored in the cloud for historic visualisation and reporting.

Add On's

Lab Station TurbiFlex can be adapted to also measure Particles both amount and size distribution of the particles in the water.



Benefits

- ✓ Works 24/7
- ✓ Pick up changes rapidly.
- ✓ Easy to install at your Farm.
- ✓ Flexible amounts of pumps
- ✓ Can cover several RAS systems.
- ✓ Easy to clean.
- ✓ Strong visualisation platform
- ✓ Cloud Storage of data
- ✓ Other sensors can be added at later stage.
- ✓ One Cabinet – Several sensors
- ✓ Dry installation of pumps or submerged installation

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stable water quality