



NAC – Investigation & study CONCEPT

RAS/flow-through setup, optimal for aquaculture investigation and study.

Supports system follows:

- Cooling system
- pH regulation system
- Oxygenating injection and control system
- Emergency oxygen system
- Mechanical and biological filtration
- UV treatment
- Investigation tank
- Belt feeder



Description

The Investigation & study concept is a module-based design which optimizes the space for study purposes counting with the highest quality aquaculture technology. The closed recirculating aquaculture system (RAS) maintains stable water parameters by continuously monitoring and enabling real-time adjustments.

The system operates with a range of temperature of 2-30 °C at 0-35% of salinity. It can be designed for fully RAS, fully flow-through or combined.

This system has already been proven successful in various companies focusing on investigation goals, demonstrating its reliability and efficiency in achieving consistent and reproducible outcomes

Mechanical filtration and oxygenation are achieved through our latest RAS module technology. Together with our specific-designed biofilter which performs biological filtration.

Specifications case

Parameter	Invest. & study
Temperature (°C)	2-30
Salinity (‰)	0-35
Number of tanks (pc.)	variable
Tank Volume (L)	500
Water flow per tank (m3/h)	0-3
Water exchange in Incubator (times/h)	0-6
Retention time in Incubator (min.)	10 min (MIN)
Daily water exchange (m3/day)	variable