

Immersion Vaccinator and Anesthetizer



Easy
handling



Controlled
exposure



Effective
absorption

Immersion Vaccinator and Anesthetizer

Benefits

■ FishFarmFeeder's Immersion Vaccinator revolutionizes the immunization process in aquaculture, ensuring efficient and consistent protection for fish.

- ✓ **50-liter capacity** for standard vaccine solution (expandable to 150 liters with an optional kit).
- ✓ **Configurable vaccination time** from 33 to 85 seconds, adjustable by the operator.
- ✓ Powered by a water pump, the vaccinator operates with variable water flows of up to 15 m³/h.
- ✓ Can be equipped with oxygenation of the vaccine solution.
- ✓ **Connectable to a 2.5" water pump.** Adaptable to a 4" pump.
- ✓ Can also be used for anesthetic baths or other treatments.
- ✓ **Low energy consumption** (0.55 kW).
- ✓ Requires an additional external flow of clean water of approximately 1–1.5 m³/h to move the fish.
- ✓ Vaccinator capacity: from 1000 to 1500 kg/day approximately 2 g average body weight.

Vaccination procedure

- Fingerlings are gently dehydrated through an automated, time-controlled process before entering the vaccination bath.
- The operator can adjust and easily modify the vaccination time at any moment.
- The vaccination tank has a volume of 50 liters and can be expanded to 150 liters with the optional kit.
- Equipped with a cycle counter.



Inmersion Vaccinator and Anesthetizer

Benefits

■ Easiness of Use

Vaccinator is on wheels to be moved easily inside the hatchery.

Using the legs optional kit the vaccinator working height can be adapted easily to any reception tank wall height up to 1.30 m.

Vaccinator is meant for direct connection to a fish pump.

■ Automation and precision

Thanks to its automated system, the vaccinator precisely controls immersion time and vaccine dosing, avoiding manual errors and ensuring effective immunization. Process automation also reduces stress in the fish, improving their well-being and ensuring better vaccine absorption.



■ Labour Savings

The vaccinator remains under the control of a single operator for the whole process when vaccination at hatcheries often requires a team of 5 or 6 people to reach the same vaccination rhythm.

■ Commissioning

Very easy and shall not require specific assistance. However, FFF is keen to support any new user if needed.

■ Tough Construction

The vaccinator is built from carefully chosen material and equipment. It is seawater resistant and highly reliable.

PORTFOLIO

Centralized Feeding Systems

1

HATCHERY

Tailored feeding for optimal early-stage development.



2

PREGROW

Maximize efficiency in the intermediate growth stage.



3

ONGROWING

Ensure efficient grow-out with automated feeding.



Specialized Equipment

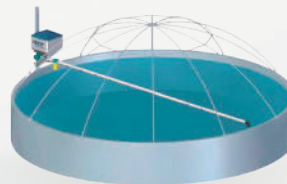
LABS



CAGE FEEDERS



SCREW FEEDERS



LOADERS

