

# PROTOS FILTRATION

FILTRATION

INNOPURE<sup>®</sup>  
Technology

Today the PROTOS imposes itself on the market as an alternative for smaller operations with a flow rate of 15m<sup>3</sup>/hr



## OXYGENATION

Product holding ponds are viable only if a number of parameters are met. Like the SKIM, the PROTOS oxygenates the holding pond and the products (based on the INNOPURE<sup>®</sup> technology). Thanks to its dual gravity return (Ø90), the PROTOS better distributes the treated and oxygenated water.



## FILTRATION

Working on the same principle as the SKIM, filtration is the primary function performed by the PROTOS. All suspended matter – down to micro-organisms (bacteria etc.) – is trapped by the micro-bubbles (specificity of the INNOPURE<sup>®</sup> technology) generated by the water-air exchange. The PROTOS is now establishing itself on the market as an alternative for smaller businesses. Its 15m<sup>3</sup>/hour flow rate allows to treat close to 4 tonnes of shellfish in 24 hours.



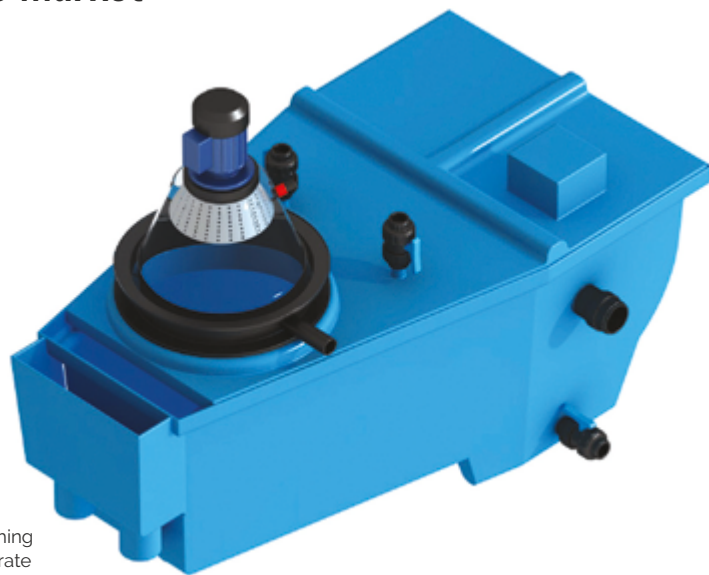
## CONNECTION TO MULTIPLE PONDS

Positioned outside the pond, the PROTOS is not directly immersed and offers the possibility of connecting the treatment system to multiple ponds by means of an adapted hydraulic circuit.



## MINIMUM MAINTENANCE

The PROTOS is easy to maintain. In fact, since it has no filters, maintenance boils down to cleaning the Plexiglas cone. The water supply directly connected to the cone is enough to keep the PROTOS in perfect working order. No filter clogging is possible with the PROTOS



- > The PROTOS is made up of 2 motors and features minimum consumption and limited maintenance
- > Marine bronze immersed hydro-injector
- > Plastic extraction pump with stainless steel shaft
- > Centrifugal system

