

TECHNICAL SHEET NUMBER/LAST REVIEW: 901/250518
ISO 9001:2015 CERTIFICATION Nº CA-1.092. AUTHORIZED LABORATORY Nº 046/GA/SA680A

PRODUCT

AOP WATER TREATMENT SYSTEM

Comprehensive **water sterilisation system** guaranteeing the elimination of parasites, bacteria, fungi and viruses, suitable for the treatment of **large volumes** of sea or fresh water at **moderate costs**.

Based on advanced oxidation process technology (AOPs), this new system results in the **elimination of up to 99,9%** of norovirus in bivalves, as well as coliforms, salmonella, vibrio and other pathogens affecting fish, molluscan and crustacean species of commercial interest. Contrary to other methods such as the addition of hypochlorite, UV irradiation or ozonation, this new system does not result in the production of toxic metabolites, remaining highly efficient even under severe contamination or increased turbidity conditions.

Fully automatic units, programmable, **energy efficient**, robust and compact, allowing for the **elimination of consumables** and the permanent **monitorization** of critical parameters such as temperature, salinity, pH, redox potential etc. Capabilities include alarm setting and GSM dialout, data logging and remote download, internet access etc.

SCOPE OF SUPPLY:

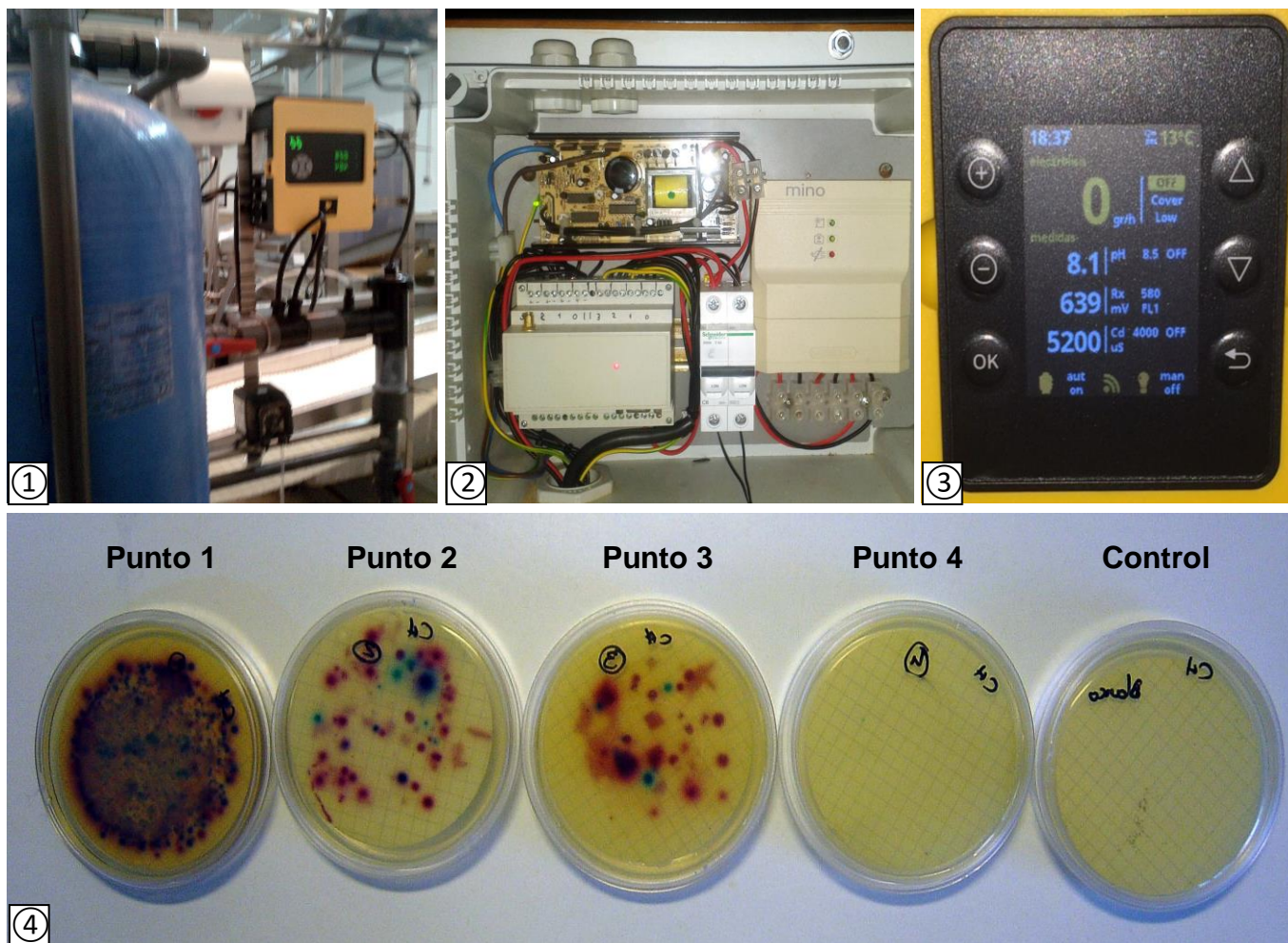
-**Filtration** system, filtration media, **electrodisinfection** system, probes and water **monitoring** unit. Pumps, electronic data display, configuration module.

-Hydraulics and electrical **material** (pipes, valves, elbows, connections, wiring, etc.). Supporting frame, unit **setup, transport** to destination, final settings **adjustment** and operator **training**.

-Pre- and post-installation **analyses** by specialized Laboratory, including physical, chemical and microbiological parameters. Personalized monitoring, feedback and follow up inclusive of specific Laboratory reports by technical Staff for accurate system optimization.

REMARKS:

Please contact our Commercial Office for further information at ventas@acuinuga.com.



- ① OPERATING FILTRATION UNIT AND DISINFECTION SYSTEM IN STANDARD CONFIGURATION
- ② DETAIL OF THE ELECTRONIC STERILISATION MODULE
- ③ DIGITAL *DISPLAY* SHOWING FLOW-THROUGH WATER QUALITY READINGS
- ④ MICROBIOLOGICAL ANALYSIS OF INTAKE WATER (PUNTO 1), DISINFECTION SYSTEM (PUNTOS 2 Y 3), AFTER FILTRATION STEP (PUNTO 4) AND COMPARISON WITH STERILE WATER (CONTROL).