



CASE STUDY (078-C-En) **Hospital, Greece**

Water Treatment System for Kidney Dialysis Unit of General Hospital of Nikaia-Piraeus “Agios Panteleimon”

DATE OF IMPLEMENTATION
2022

PROJECT

Specialized System suitable for Kidney Dialysis Unit was installed by TEMAK S.A. at General Hospital of Nikaia-Piraeus “Agios Panteleimon” in order to cover its needs. In particular it was installed Water Production System suitable for hemodialysis, with chemical sterilization, capacity 1.08 m³ / h

- Feed water: 350 µS / cm
- Product water: <2 µS / cm
- EN ISO 13959:2014 and subsequent replacement by EN ISO 23500-3:2019

The automatic chemical sterilization system periodically chemical sterilizes the membranes of the reverse osmosis devices, as well as the dispensing loop, completely automatically and at intervals selected by the operators and programmed in the PLC.

Since 1980, TEMAK has been at the side of local communities covering their needs with reliability and consistency, having a full range of certified water treatment products. Thanks to the systems manufacture in Greece and the high expertise of its specialized staff, TEMAK is able to offer total water treatment solutions, from study and design to manufacture and installation of required systems.

The 750.000 m³/day of clean potable water or water for general uses, produced daily from TEMAK's installed systems in Greece and 26 abroad countries, constitute the proof of our experience and know-how in water treatment.