FEATURES

-- The most economical solution on the market.
-- Simple installation.
-- Full support in its application.
-- Low operating cost.

USE

-- Problems caused by fouling salt carbonates, such as calcium and magnesium.
-- Control of micro-organisms present in the water.
-- It supplements or replaces a number of systems pre-treatment, treatment post-treatment existents in the market.

APPLICATION AREAS

-- Home
-- Buildings
-- Camping
-- Mining
-- Fishing
-- Agriculture
-- Fish
-- Dairy
-- Hotels
-- Restaurants
-- Laundries
-- Automatic Car Wash
-- Pharmacy
-- Medicine
-- Reverse Osmosis
-- Beverages (hot and cold)
-- Fishing
-- Storage of water
-- Water residuals.

Nilemark World Group S.A.

Irrefutable Results!

History is repeated and the results are confirmed. Already for several years in Europe, companies of reputation, like Shell, Cetetherm, Preem, and Tetra Pack; have found an economic and simple solution to the great problems that affect them from the hardness of the water. In Chile, for a famous casino administrator, the problems caused by the hardness of the water have not been small. The standard of cleaning and costs of maintenance are essential in the suitable handling of this productive activity.

"Before"
without Nilemark
processor

The first Nilemark water processors to arrive were installed in one of the most critical points of the casino floor, Planta I.

We performed a protocol consisting of highly technical monitoring weekly to the "effects" of the processor and observed physical and chemical parameters measured in the water.

The most visible effects of the water has to do with the "dirty" look of cups, utensils and the cleaning terminal in the casino.

Other problems are not visible to the naked eye and have to do with "maintenance and service", electrical heaters, nozzles and pipelines are seriously damaged due to water with high levels of dissolved carbonates in it. Initially the crust of salt inlaid at the heart of the kettles reached 14 mm thick and could only be removed with the help of acid, it could take up to 8 hours for this procedure if it seeks to recover the total.

"After"
with Nilemark
treatment

In the second week of service, processors began to dispose of waste adhering to the lines. It was not necessary to use acid for cleaning. The salts became easy to remove, taking the cleaning terminal just a few minutes. The electrical heaters suffered less frequent crashes and the heating time of the kettles and dish washing machines diminished conclusively.

The glasses and silverware became enormously cleaner and it completely eliminated the dirty appearance they had before.

Nilemark processors are economical and are an easy solution to treat water.

CESMEC supervised all the experiments. Their specialized technicians took samples from water of diverse pre-established points and documented the observed changes.

CONCLUSIONS The water does not change in its basic parameter, but nevertheless it does not embed. It is not possible to be determined how the processor works but it works.

How Does The Nilemark Processor Work?

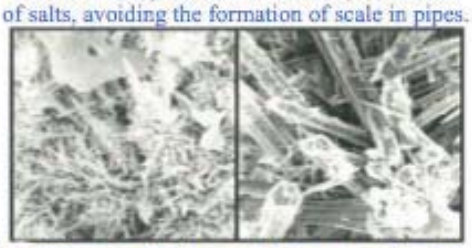
Nilemark processor is a signal generator of high frequency and low intensity, imperceptible to the human ear, which initiates and maintains the resonance effects in the water. The latter is the one that produces molecular structural changes in the water, thus correcting a number of undesirable features such as bad taste, appearance or potential incrustant of dissolved salts.

Complex laboratory tests, among others, by IDIEM (Institute of Research and Testing of Materials, Faculty of Mathematics and Physical Sciences at the University of Chile), have managed to determine that the Nilemark processor alters the way in which molecules crystallize: molecules that were severely inlaid before - such as calcite and aragonite, begin to crystallize in a different way, avoiding the formation of scale in pipes and equipment. The oxygen in the water - usually in a passive state - is reactivated as a result of resonance, which gives the water bacteriostatic (inhibiting growth and reproduction of bacteria without killing them) characteristics. Additionally, the surface tension of water is increased, allowing correction of the perception organoleptic of food and drinks.

Areas of Application

- Food Industry
- Mining Industry, Agriculture and Fisheries
- Hotels and Restaurants
- Health Services and Laboratories
- Laundries and Industrial Toilets
- Houses and Offices
- Any industry that uses water in their production or operational processes.

The Nilemark processor ordered crystallization of salts, avoiding the formation of scale in pipes.



Calcium crystallized as aragonite forming incrustant layer.

Calcium crystallized as aragonite forming non-incrustant sediment.

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