

Scalewatcher®

Electronic Swimming Pool Conditioner System

Easily fitted
No Plumbing
No Maintenance
No Chemicals

Whatever the size
of pool, it costs time,
labour and chemicals
to ensure it is well
maintained



The Scalewatcher is the latest, environmentally-friendly, award-winning innovation to help keep swimming pools clean and reduce maintenance costs.

Following installation:

- Pool maintenance is reduced by up to 50 %
- Use of disinfectants is reduced by around 35 %
- Scum deposits are removed from around the sides of the pool
- The waterline disappears
- Steel fittings return to their former pristine condition
- Lime scale is removed from within the swimming pool plant and filters
- Less stabilizers are required to correct the pH balance
- Pool water becomes silky
- Sand filters do not become brackish, membranes of filters last longer.



Experience the difference!

Scalewatcher®

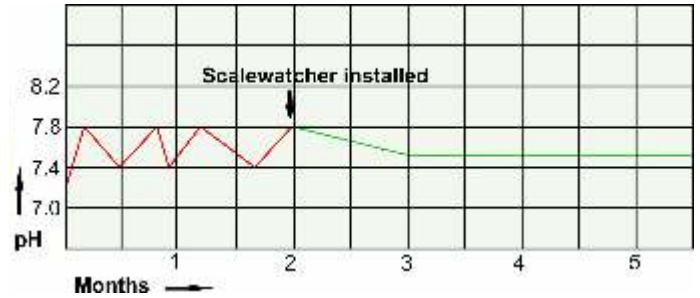
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Pathogens

Independent analyses of water samples taken from swimming pools treated by Scalewatcher have shown the bacterial count to be greatly reduced despite significantly less disinfectants being used.

Sizes

There are varying sizes of Scalewatcher units available to treat every size and type of pool including spa, hydrotherapy and municipal pools.



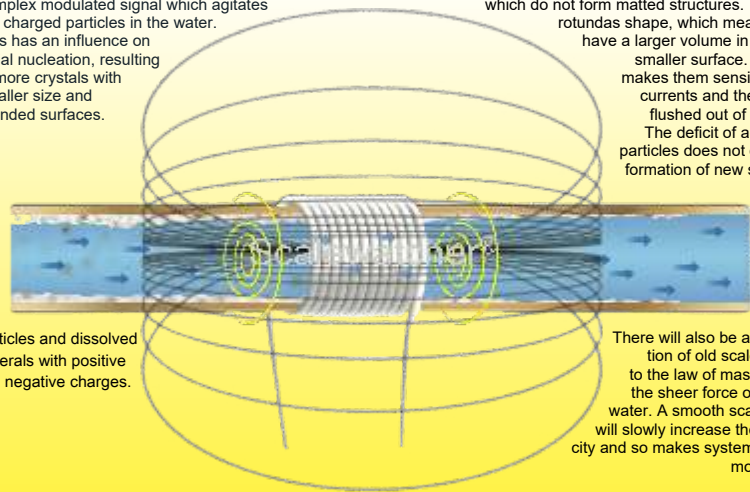
The graph shows the stability of pH, without the addition of chemicals, following the installation of the Scalewatcher at a municipal pool.

How it works

The electronic unit works by inducing a complex modulated signal which agitates the charged particles and water molecules. This has an influence on initial nucleation, resulting in more crystals with smaller size and rounded surfaces so they cannot easily attach to surfaces. They will stay suspended in the circulating water. The deficit of active scaling allows the flowing water to dissolve existing deposits. This will increase the pH and free Chlorine in the swimming pool.

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This treatment creates idiomorphic, scattered crystals, which do not form matted structures. They have a rotundas shape, which means that they have a larger volume in relation to a smaller surface. This feature makes them sensitive to water currents and they are easily flushed out of the pipeline. The deficit of active scaling particles does not only prevent formation of new scale layers.



Particles and dissolved minerals with positive and negative charges.

There will also be a slow reduction of old scale layers due to the law of mass action and the shear force of the flowing water. A smooth scale reduction will slowly increase the pipe capacity and so makes system functioning more efficient."

Technical Specifications

Components:

Each model comprises of a Scalewatcher unit, signal cable, ties, plugs and clear instructions.

Power:

Units can be connected to either 110 VAC or 230 VAC 50/60 Hz. Optional: Solar power or 24 Volt direct current.

Materials:

Electronics hermetically sealed. Enclosures for indoor use are made of high grade thermoplastic. Enclosures for outdoor use are made weatherproof.

Controls & Indicators:

All units have indicators showing correct operation, providing power applied and signal coil connected.

Reliability:

Only high quality electronic components are utilized, including a custom designed chip (IC) controlling signal generation processing. Components have a life span of over 20 years.

Safety:

The Scalewatcher conforms to electrical safety standards. The electronics are sealed with resin. The output is safe to both personnel and sensitive equipment. There is no electrical contact between pipe and coil. The low output voltage is non hazardous.

Scalewatcher systems are also available for domestic, commercial, industrial and agricultural applications capable of treating pipe work ranging from 5 mm to 3000 mm irregardless of flow rate.

Your supplier: