



CAPACITANCE NEW IMPULSE TECHNOLOGY



Trust Best Choose Smart

website : www.sudershanwatersoftner.com

Introduction :

Shree Sudarshan Brand in water conditioner is well known in India. We have achieved big highs mainly in Agriculture and Domestic segments. With Electro-Magnet technology our successes rate is over 90% since last 10 years.

Now as per the demand and requirements of **New Era**, our highly skilled Technical and Research team has developed a new Advanced, Effective and Unique "**Capacitance New IMPULSE Technology**" that is uniquely different from old one, as it is not related to Magnetism and Magnetic field. It's a capacitance impulse frequency i.e. highly advance and micro controller based, which is systematically programmed by computer software.

Capacitance Impulse technology releases programmed complexed Modulating High Impulse frequency through cable coil winding on pipes.

We use cable wire for winding in place of copper band, because our experts says wide copper band spreads the frequency, while cable wire keep the frequency intact and precise!

The **Capacitance Impulse Frequency** efficiently charge & prevent different size of water molecules likely to form scale, same time it breaks the Hydrogen Bond between opposite water molecules. This results the breakdown of large mineral crystals into tiny Mineral particles & disabled them.

* $\text{Ca}(\text{HCO}_3)_2 < \text{IMPULSE} > \text{CO}_2 + \text{H}_2\text{O}$ * = Calcium carbonate converts into Bi-carbonate. (= non-soluble particles covert into soluble particles)

This positivity charged ions in water now results **Scale Free, Non Corrosive** and best **Solvent Water**.

We are 1st choice because our technology have following qualities

- 24v Operational
- Signal Strength: 2 Feet
- Wattage: 7.5 Watts
- Zero maintenance, 20 years life
- Ripple Filter Added for Clean Signal
- 10 Programs
- Output Coil Length : Upto 4 Meters
- 100% Clean Impulse Signal
- 10 Impulse Type
- Max Pipe Diameter: 6" to 20"
- Frequency Range: 3-32 Khz (10 Types)
- ESD Protection From Lightening
- Power Control Circuit Added
- 24V SMPS Works from 100V - 240V
- Used in Agriculture & Small Industries
- Water remains treated for 5 to 7 days

IMPULSE Technology for Industries :

Water is essential and unavoidable coolant in industries, but on other hand it becomes an issue of concern when traces of Calcium, Magnesium, integrated with Carbonates, Bicarbonates or Sulphates are found in water. These chemicals results in creating 'Hard Water' as they bond with each other and form Scales. As far as the de-scaling of industrial equipments is concerned, it is costly and time consuming too. But our **Impulse Technology** is much more cheaper and effective to keep your industry maintained and Scale Free without use of expensive chemicals in many industries such as :-

Cooling towers, Boilers, washing plants, air compressor, heat exchanger, chiller plants, plastic moulding plants, captive power plants, induction furnace, jacket cooling etc.

Advantages of IMPULSE :

- Reduce the investment on stock of Hydrochloric Acid or Phosphoric Acid for de-scaling plant.
- Kills Algae, Fungi and other Micro-organisms.
- Progressively de-scales Cooling-towers, Boilers, Heat exchanger, Compressors, Valves, Elements, Pipes and Pumps.

- Safe & shock proof because no direct contact with the water flowing inside the pipeline.
- Prevents lime-scale formation on new or reconditioned equipment.
- Reduces maintenance, manpower, down-time and energy cost.
- Practically fit and forget long life.
- No recurring expenses.
- Reduce huge chemical expenses and save time.
- Increases the plant efficiency and productivity.
- Environmental friendly and non-hazardous.



Swimming Pool :

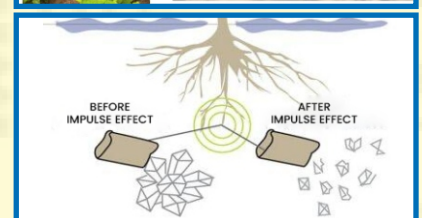
Your pool fitted with the circulation system of **Shree Sudarshan Water Conditioner** gets more sparkling and crystal clear water for years to come. You will realize that now you feel more refreshing after swimming in it. Moreover it will be much easier for you to maintain your pool and that will make you feel happy and delight.

Impulse Technology for Agriculture and Plants growth :

It is known that there are thousands of **CELL MEMBRANES** found on the roots of plants, trees and crops that keep the plant alive, healthy, bacteria free and fast growing. If the cell membranes are active, energized and treated, they help plants to intake required minerals, nutrients and the micro nutrients elements from the soil with the help of water. But when the plants/crops are watered and if the water is hard and non-treated, the **WHITE COATING LAYER** is formed on the roots of the plants/crops, and makes the cell membranes deactivate or dead up to 80%. As a result, plants start to suffocate resulting in decrease of growth rate and low crops etc. That is the reason why treated water should be used for irrigation.

Advantages :

- Crop production increase from 15 - 20% to 50% and in some cases even more.
- Plant disease rate drastically decreases.
- Taste of agriculture crop and quality improves.
- Approximately 15% less water is required for irrigation.
- With help of this device very hard salty water can be used for agriculture (Up to 8 thousand PPM) & more in some cases.
- Less fertilizer required.
- Soil becomes softer as the time passes and soil desalination takes place. This is because Impulse frequency water has ability to dissolve the salt from the soil and crop production increases year after year.
- This device makes **DRIP IRRIGATION SYSTEM** more effective clean and maintenance free even in very high TDS water.
- Very much useful and beneficial for **GREEN HOUSES** (Guaranteed Result attained).



Impulse Technology for Poultry and Animal trading :

After long observation and research by the scientists of impulse technology companies all over the world it is noted that using, treated water for drinking purpose of chicks and animals results :

- Increase in the process of bone formation.
- Improves morphology of blood.
- Helpful in the growth and development of some bones.
- Quality and quantity of meat improves.
- Reduction in death rates by 2-3 times also noted.
- Average weight gain increase by 5 - 7% with egg laying quality by 10%.

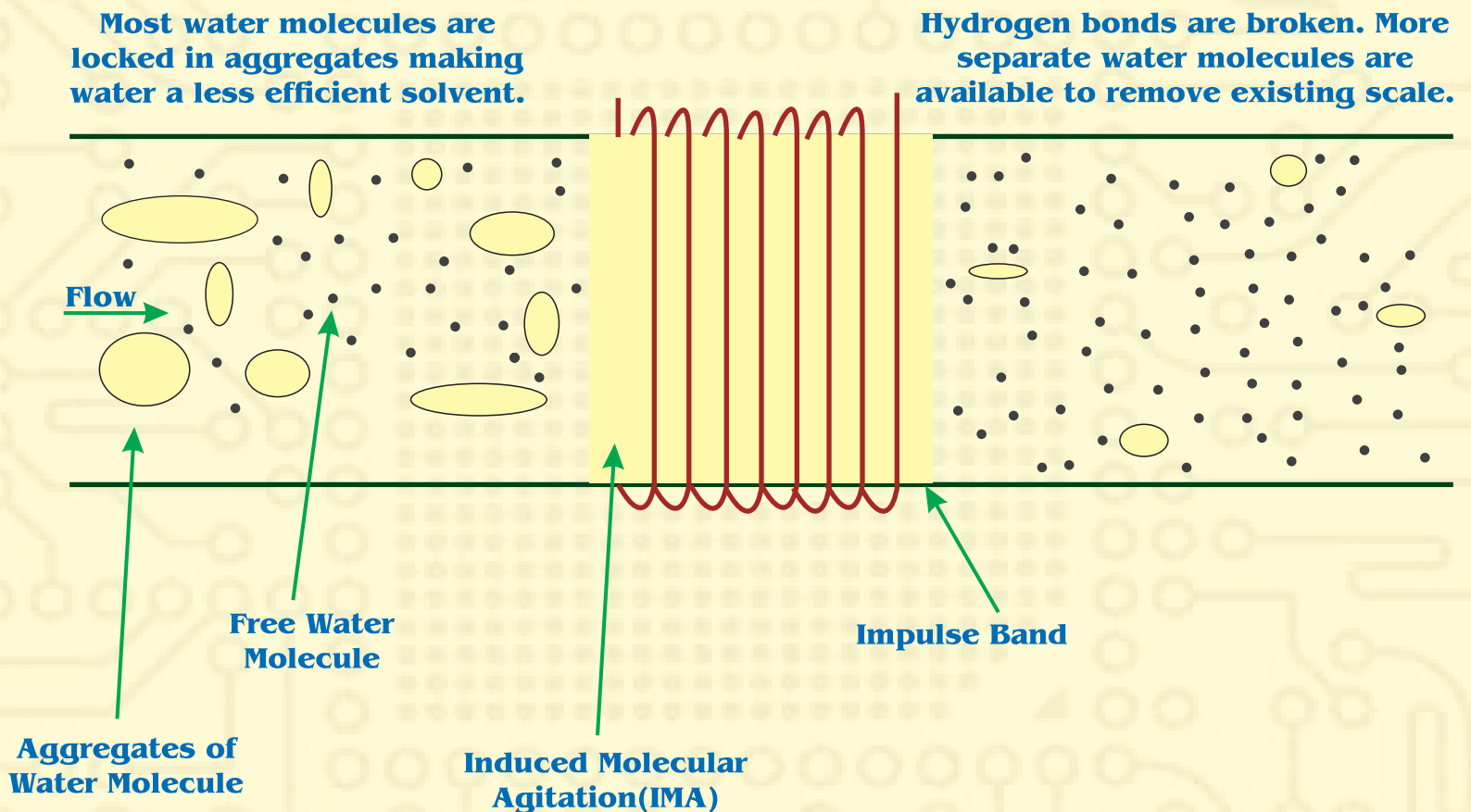
Impulse Technology for Concrete and Cement Industry :

Advantages :

1. It increase the efficiency of concrete.
2. Decrease in the volume of water become quite possible.
3. The most important advantage : it increases the compressive strength of cement up to 27%.
4. Concrete made in this way is more resistance against freezing and more impermeable.
5. Decrease the rate of breakage and wastage up to 25%.
6. Decrease in water surface tension in magnetic water by 10% in comparison with ordinary water.
7. This device can be used and benefited any cement industry such as :
 - a) Paver Block Mfrs.
 - b) Cement Block Mfrs.
 - c) Cement Roof, Tops, Sheets Mfrs.
 - d) Ready Mix Cement Plant and all types of Construction Industries who are using cement.

Note :

This is not a R.O. or water purifier, so it does not make any chemical changes in water, in fact it changes the physical properties of water and make water molecules, bond free, energized and more bio-available. This water is not recommended for drinking purpose.



Marketed By

