

## HARD WATER PROBLEMS IN POULTRY FARMS

**Combat limescale buildup on bell waterers and nipple drinkers** - ScaleBreck keeps limescale deposits from forming on the bell waterers and nipple drinkers without the need of water softeners, chemicals or salt. Replacement and cleaning the drinkers are a thing of the past. This results in huge savings on labor, parts, and general maintenance. Will increase the lifespan of all equipment in contact with water.

**Keeps spray nozzles clear of any blockages** - ScaleBreck keeps nozzles clear of limescale buildup.

**Remove limescale and sludge from waterlines** - Waterlines are kept limescale free as well as sludge buildup.

**Enhance the performance of medicators and enable them to work at designed levels of accuracy** - ScaleBreck eliminates limescale formation in medicators and allows them to work at designed levels of accuracy all the time.

**Save on water usage** - Enjoy huge savings on water usage in all aspects of the operation.

**Reduce the need for cleaning materials** - Greatly reduces the need for cleaning materials to remove scale formation in all aspects of the operation.

**Reduce cleaning time on equipment between flocks** - ScaleBreck will reduce the cleaning time of all equipment affected by hard water and scale formation.

**Reduce maintenance costs** - Maintenance costs are greatly reduced with less time spent on the elimination of limescale removal and replacing nipple drinkers.

**Help egg machines stay cleaner** - Egg machines will stay cleaner without the limescale formation

**Improve the performance of water heaters and boilers** - Limescale formation reduces the thermal efficiency of heaters. ScaleBreck will keep the scale from forming without chemicals and water softeners.

**Improve the performance of water cooled refrigeration equipment in poultry** - Refrigeration equipment will work much more efficiently without the scale formation.

**Keep incubators clean and enable their humidification systems to operate perfectly** - ScaleBreck aides in keeping the incubators clean by staying limescale free, thus enabling humidification systems to operate much more efficiently.

**Eliminate scale stains from stainless steel and other surfaces** - ScaleBreck stops the formation of limescale formation and the resulting unsightly stains.

**Improve the efficacy of disinfectants** - Disinfectants are much more efficient with the installation of ScaleBreck.

## INSTALL SCALEBRECK ELECTRONIC WATER CONDITIONER

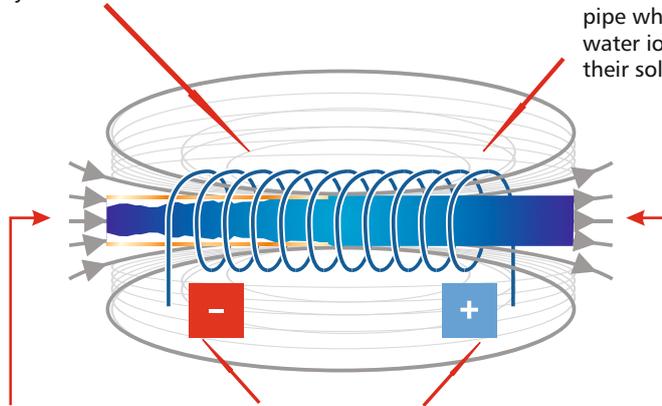


# SCALE BRECK

## ELECTRONIC WATER CONDITIONER

Single cable wrapped around pipe produces a square wave alternating at 1000 to 20000 cycle/sec

Complex modulated signal field at variable frequency - induces electrical field in the pipe which alter the hard water ions and increases their solubility



Incoming water containing calcium and other mineral ions in solution

Modulated signal from converter at only  $\pm 12$  Volts DC

Conditioned water can absorb more calcium and dissolve existing scale



## PRODUCT SPECIFICATIONS

### Components

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

### Materials

Electronics hermetically sealed. Enclosures for indoor use are made of high grade thermoplastic or fabricated as per design. 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 Scale Breck 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.

### Power

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



**NO**  
CHEMICALS



**NO**  
MAINTENANCE



**ONE TIME**  
INVESTMENT



**EXCELLENT**  
RETURNS

- NO OPEN COILS
- NO HANGING WIRES
- NO OBSTRUCTIONS TO THE FLOW
- NO PRESSURE LOSSES.

For more information contact us on 9881248812, [info@leanwayenergy.com](mailto:info@leanwayenergy.com) | [www.leanwayenergy.com](http://www.leanwayenergy.com)



3rd Floor, Prabhat House, Damle Path,  
Off Law College Road, Pune 411004.  
Maharashtra, INDIA



Agent/Distributor Address