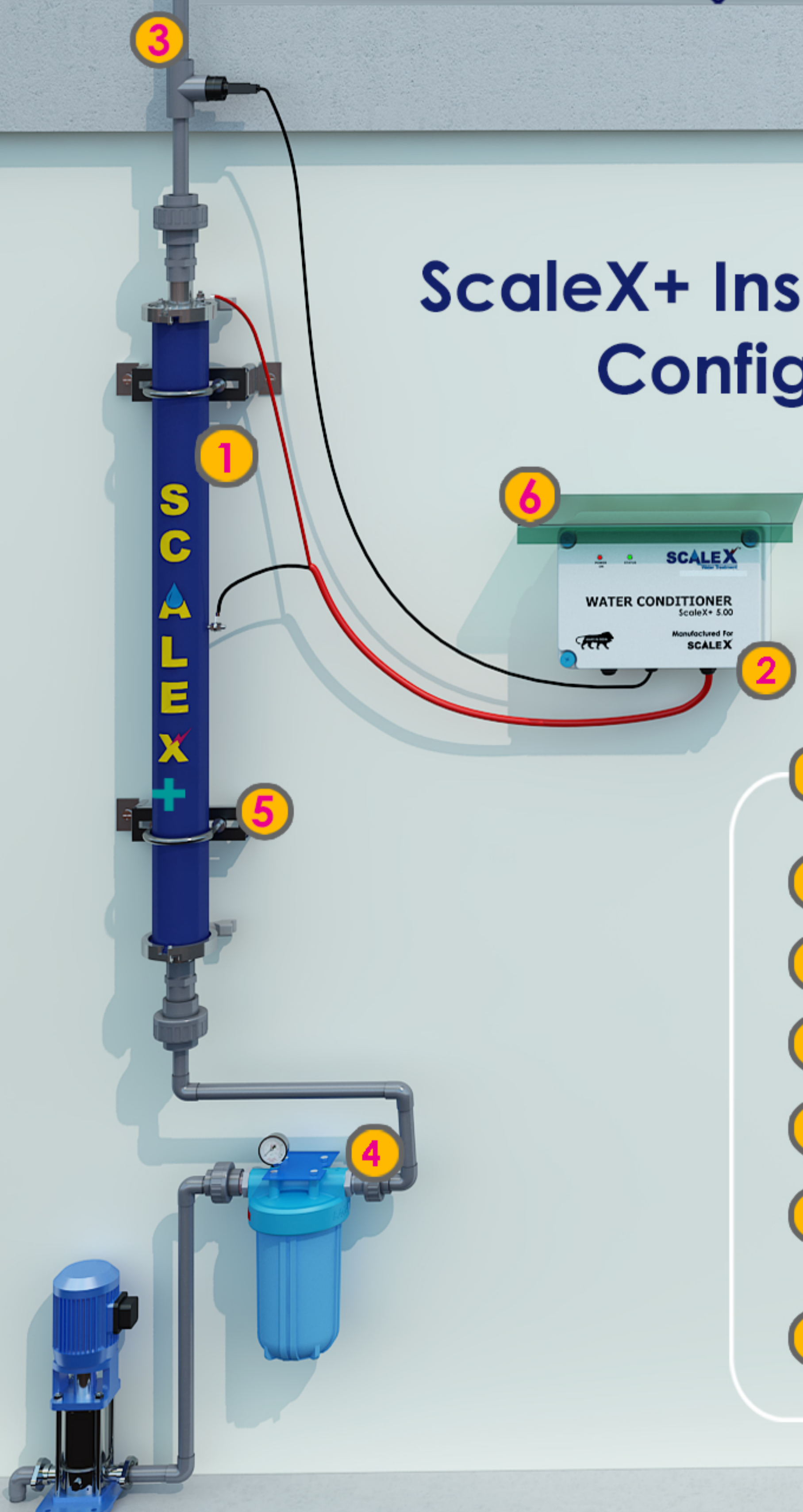


# WATER CONDITIONER

(REDOX TECHNOLOGY)



## ScaleX+ Installation Configuration



**ScaleX+**

Our Scope

- 1 Electrolyzer
- 2 Pulse Dozer
- 3 Flow Switch
- 4 Bag Filter
- 5 Set of Clamp for Electrolyzer
- 6 Canopy



Bore well

**Ti Anode Fabricators Pvt. Ltd.**

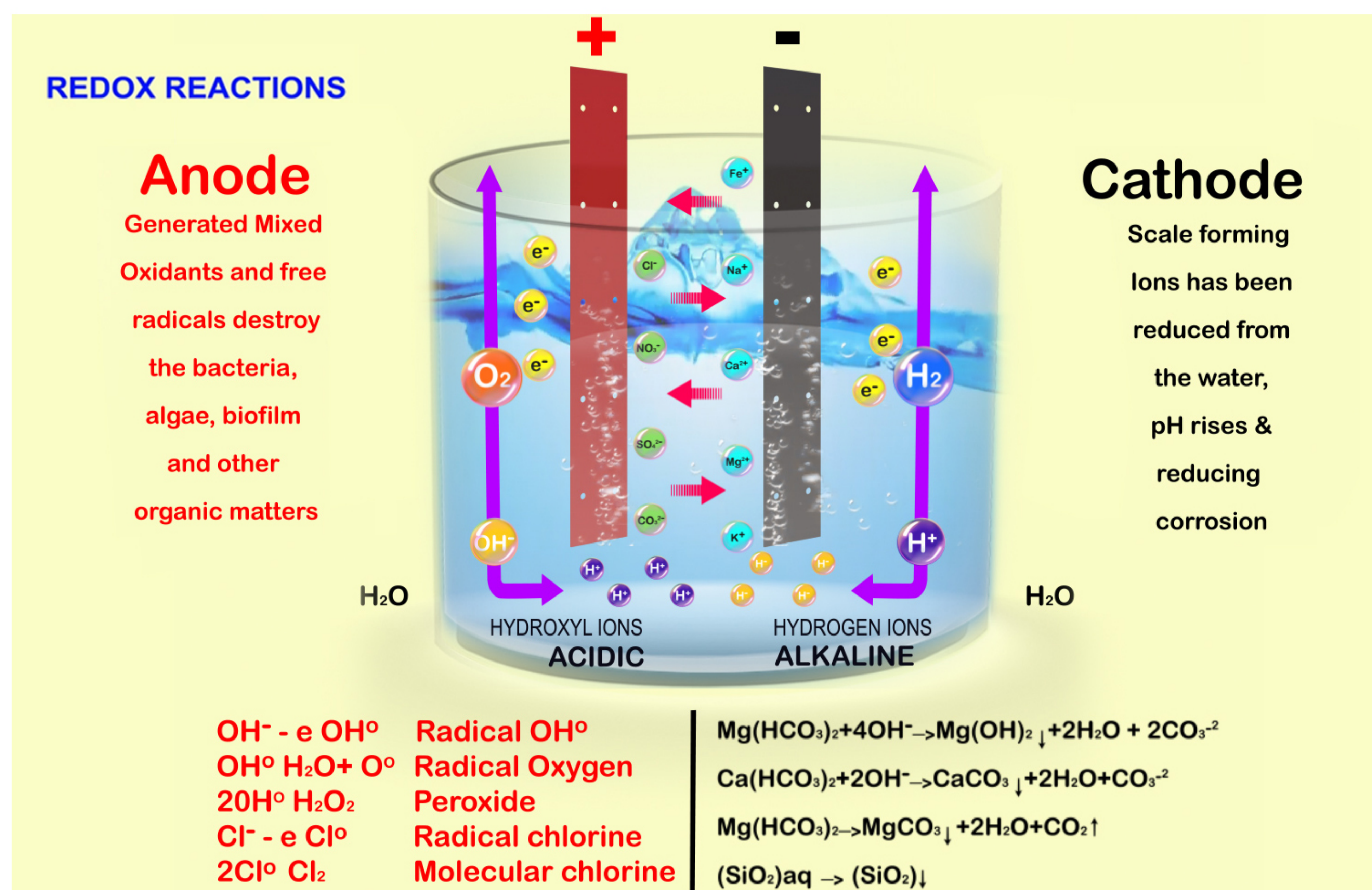
Tiaano Bhavan, #48, Noothanchery,  
Madambakkam, Chennai-126

[www.scalex.co.in](http://www.scalex.co.in)

[scalex@tiaano.com](mailto:scalex@tiaano.com)

+91 90428 94458

“ScaleX+”, an electrolytic water conditioner is breaking the hardness of water by electrolysis. Though the water is not soft at the outlet, the scale forming ions has been reduced to a level that prevents the deposition in water distribution systems. ScaleX+ generates mixed oxidants disinfectant by using available chlorides in water followed by REDOX (Reduction and Oxidation) technology.



## WATER CONDITIONER (REDOX TECHNOLOGY)



- ▶ One year warranty.
- ▶ No water wastage.
- ▶ No need of media filters.
- ▶ No salt refilling as like softener.
- ▶ No salt or chemicals for operation.
- ▶ No high electric power requirement.
- ▶ No man power required for operation.
- ▶ Lifespan of the Electrolyzer - 60 months.

### Recommendation for ScaleX+:

Water treated by ScaleX+ is drinkable, if the water TDS range between 250 to 500 ppm. ScaleX+ is suitable for residential & commercial application, if the water TDS range is between 250 to 1000 ppm. Water hardness level should be less than 400 ppm. Minimum chloride requirement in water is 50 ppm. Iron content should be less than 0.5 ppm.

### Effects of ScaleX+:

#### ▶ ScaleX+ action immediately starts...

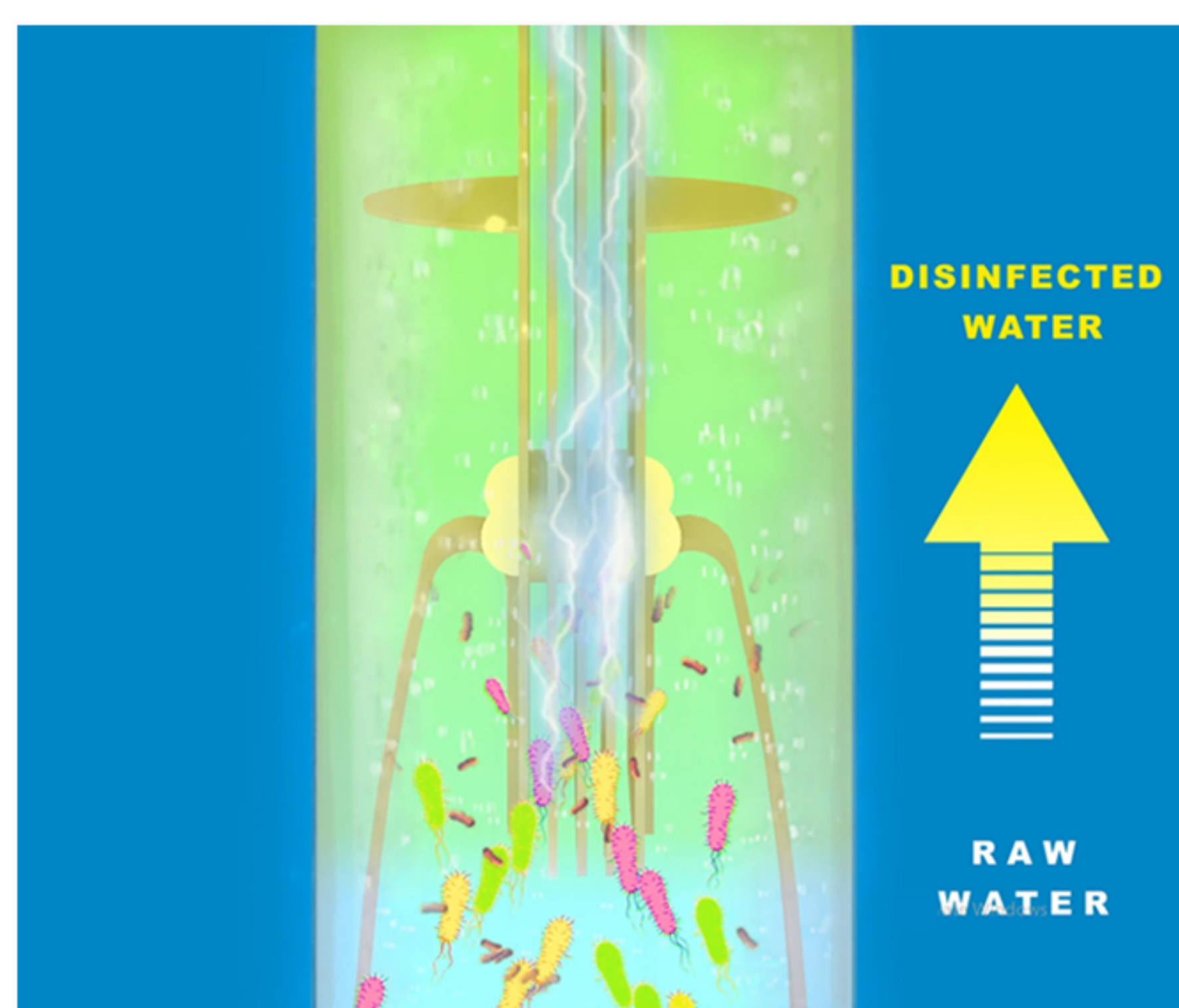
On installation, it disinfects the water & break the ionic state into molecular state by loosening the existing scale.

▶ **Effect after a week:** Existing scale breaks as small particles and flow down through your water system. By now the quantity of bath soap, dish soap, laundry detergent can be reduced.

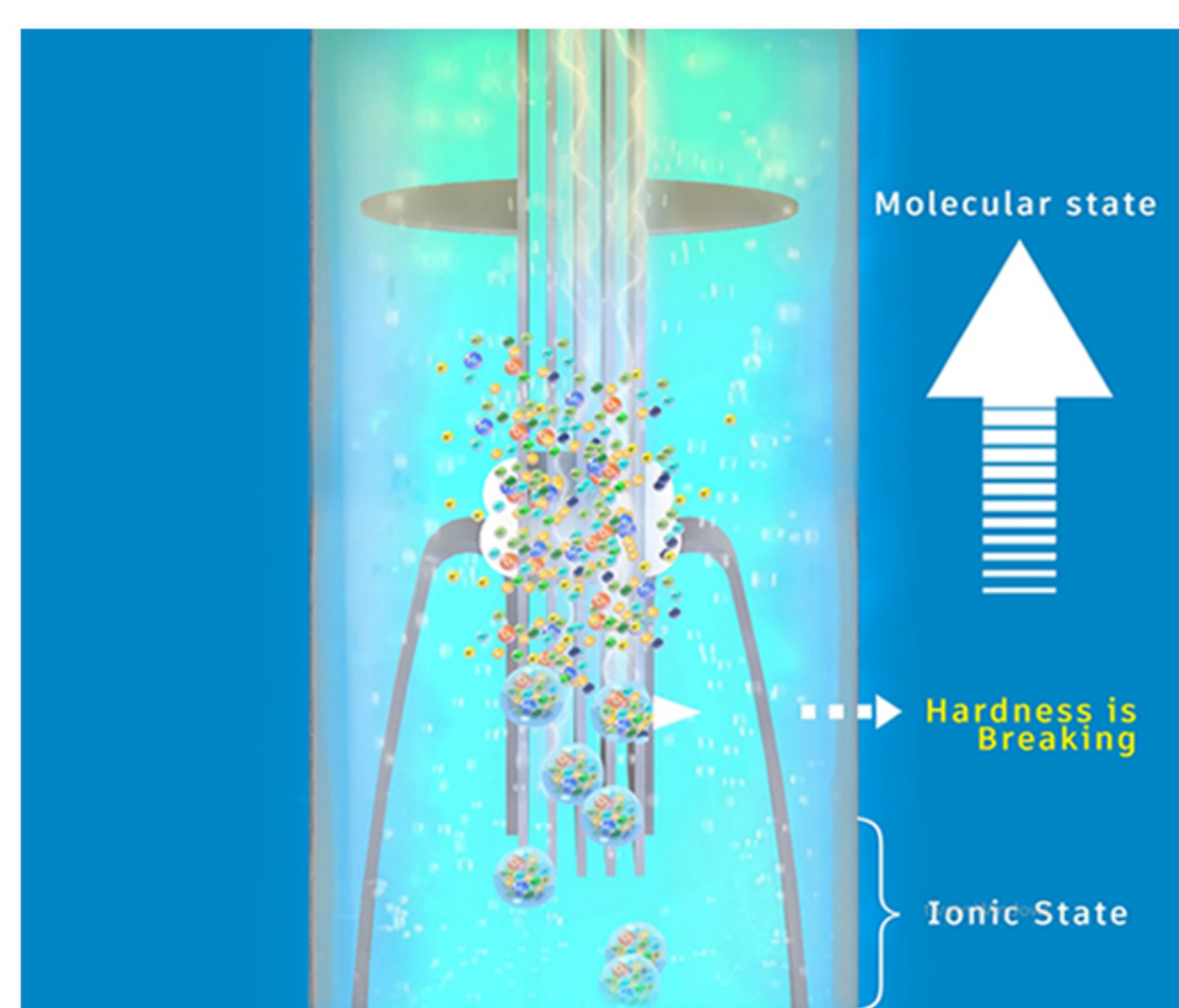
▶ **Effect after three weeks:** Scale should have softened on Faucets, Showerheads, and frequently used home appliances.

▶ **Effect after three to four months:** Softened Scale will be easier to remove. No new stain or crust should form. Depending on the feed water hardness, full effects can be taken up to ONE year, especially if the system has been heavily scaled over many years.

### WATER DISINFECTANT



### IONIC → MOLECULAR STATE



### Treatment Expenses (Calculation based on 150 liters for a person per day):

Model Number	ScaleX+ - 5.00
Treatment Capacity (LPH)	5,000
Water to be treated (M <sup>3</sup> /Hr.)	5.00
Power consumption (Watts per Hr)	175
Power consumption (KWh)	0.18
EB (power) Charges Rs.12/ unit	2.1
Treatment charges in Rs. Per M <sup>3</sup>	0.42
Number of users	35
Treatment charges / person in Rs.	0.06
Treatment charges per person / month in Rs.	1.80
Treatment charges per person / year in Rs.	21.60