



**KINETIC**  
R E A C T O R  
D E U T S C H L A N D

# WORLDWIDE INNOVATION

ON YOUR TAP



Scale  
prevention



Heavy metals  
neutralization



Chlorine efficiency  
increase with its  
reduction



Overall bacteria  
reduction



Biofilm prevention  
inside faucet



Water saving



No chemicals



Keep  
minerals



Limit the use  
of plastic bottles



**Dragan Jeremić**  
innovator, CEO of J and P d.o.o.

Since 1997, our mission has been studying drinking water, to enable our vision which is providing innovative solutions to mankind related to quality and healthy water. Our development is based on a daily testing of water from different parts of the world.

In 2013, we began to develop entirely new technology, which with its promising results, confirmed that we were on the right track. In 2017, the technology we named "kinetic technology" was tested in several specialized laboratories and institutes across Europe and was recognized for its strategic importance for the whole world. Kinetic technology is already present in several countries on different continents.



KINETIC REACTOR **WORLDWIDE**



# INNOVATION KINETIC REACTOR

Hydrodynamic cavitation

New physical state  
in underpressure

Strong oxidation processes

Homogenization

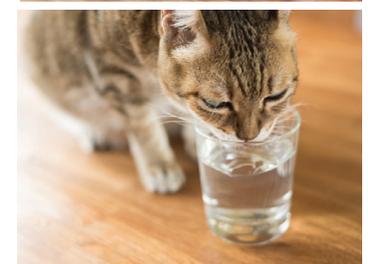
Degassing



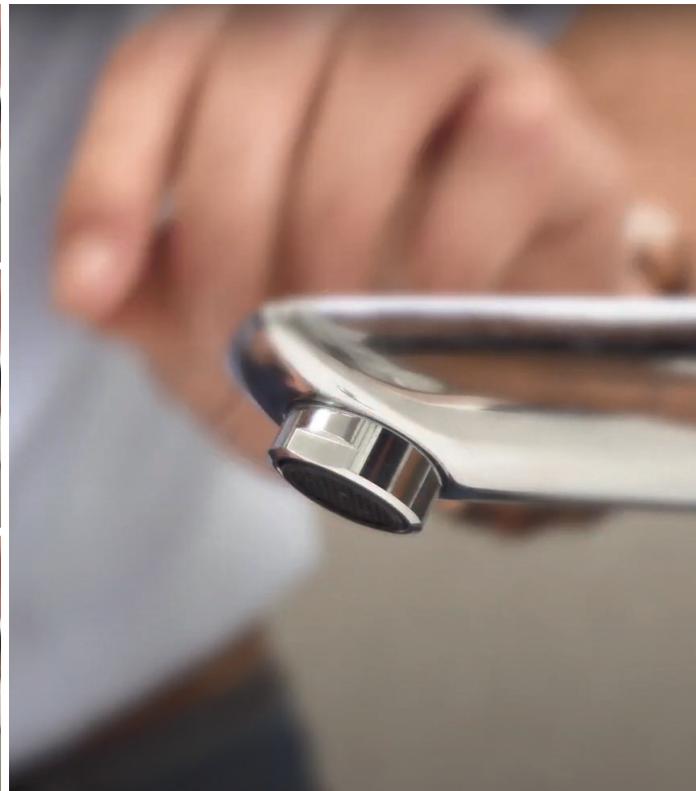
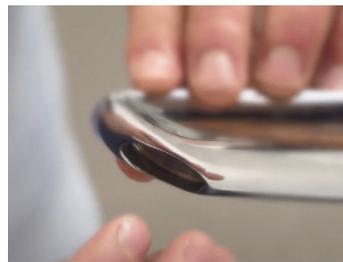
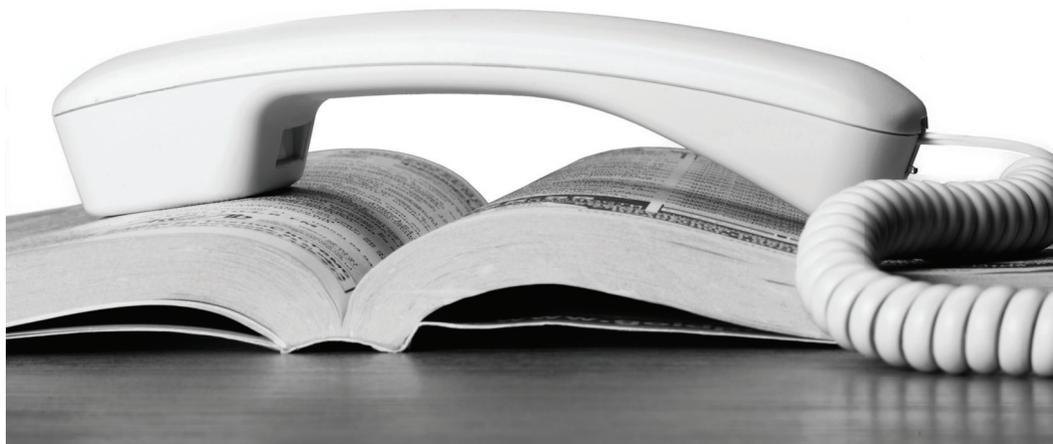


## WHY A **KINETIC REACTOR** ON YOUR TAP?

- Quality drinking water on your tap
- Improves the taste and smell of water
- Easy and quick installation
- Reduces limescale content
- Reduces water contamination
- Save water up to 50 %
- Eco-friendly product
- Natural water treatment without chemistry additives



# QUICK AND EASY INSTALLATION



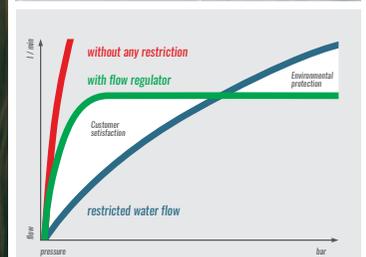


# LIME SCALE

X-ray powder diffraction and Raman tests were performed to confirm the prevention of formation of limescale. They both showed that  $\text{CaCO}_3$  as a precipitate binds into a fragile aragonite structure instead of calcite (= limescale). In simple words, this means that no mechanical force or chemicals are required to remove limescale.

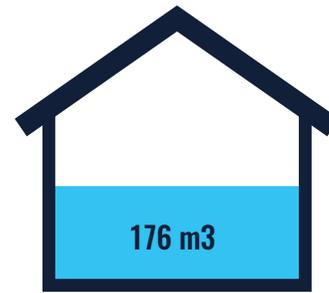
# SAVING WITH KINETIC REACTOR

The Kinetic Reactor Tap has a built-in flow controller, which means it maintains a constant flow rate of 4lit / min regardless of the water network pressure. Due to its design, the water stream is enriched with oxygen and consequently enables the abundant hydration of the body. Existing non-economical tap meshes also have a flow rate of up to 20lit / min. The water regulator technology is world-class and is the result of our German partners. Kinetic Reactor tap is not suitable for installation on sanitary batteries, where flowing water heaters are 5-10 lit.

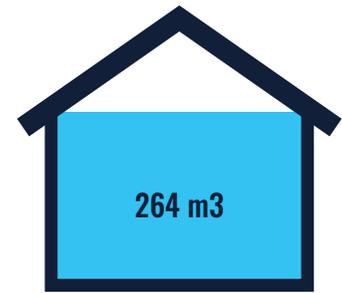




Approximate annual water consumption of the four-member family  
**WITH** or **WITHOUT KINETIC** technology.

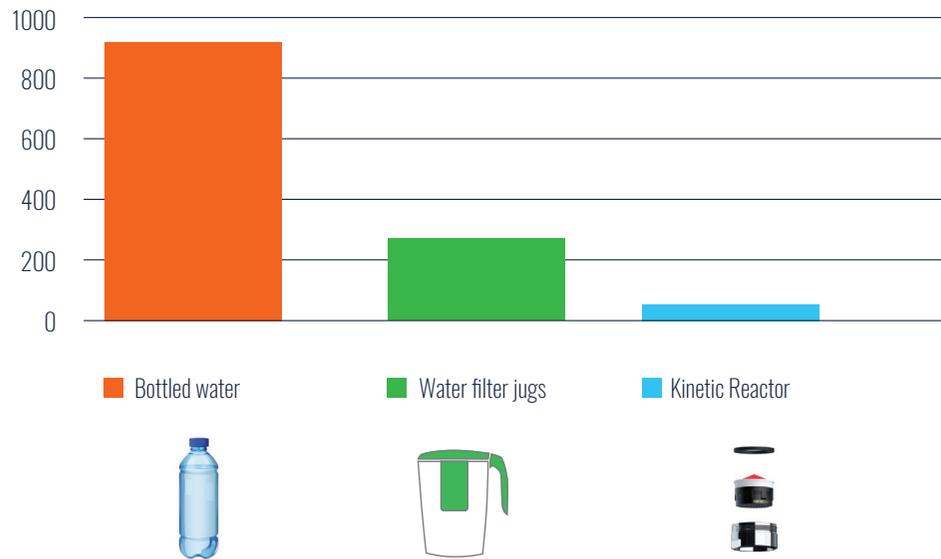


**KINETIC**  
filter



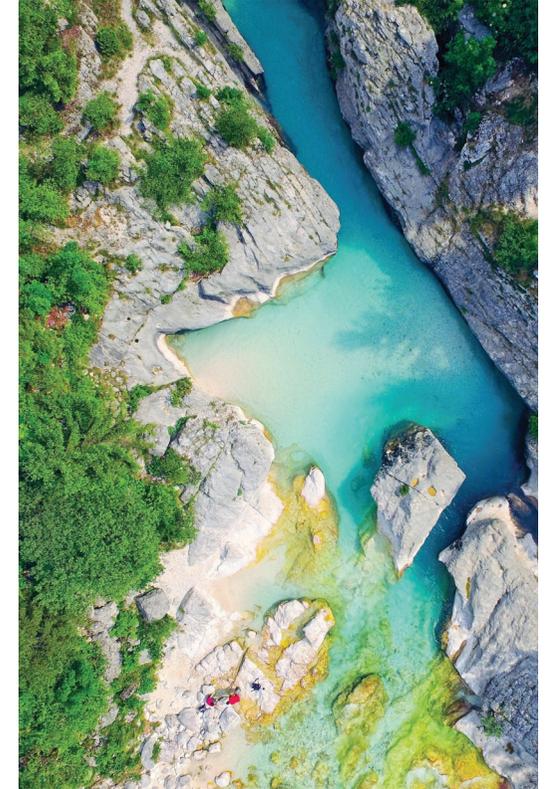
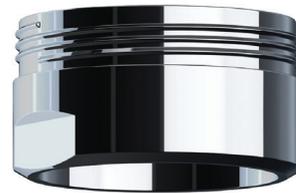
**Standard**  
filter

### The annual cost ( in EURO )





**TAKE CARE**  
FOR THE  
ENVIRONMENT





# KINETIC REACTOR ON YOUR TAP!

Kinetic technology enables us to treat also surface and groundwater resources. We also brought it to your home, at the end of the drinking water supply chain as a tap water treatment device. You just need to install the kinetic reactor instead of the existing aerator / mesh on the tap. The Kinetic Reactor on faucet was tested and verified in the same way as kinetic technology for professional use. The kinetic reactor for tap is capable of scale prevention, neutralizes unwanted inorganic (e.g. heavy metals) and organic (degradation of complex organic molecules) substances in drinking water, prevents forming possible mucus and algae in the reactor itself, and removes the chlorine from water \*, which is otherwise required for drinking water compliance, but not so friendly for our health, taste and smell of the water.



\* Chlorine reduction is caused by its performance on microorganisms and organic compounds.

# WHY KINETIC REACTOR SHOWER HANDLE?



## **KINETIC REACTOR SHOWER HANDLE**

Professional water treatment technology now also for your skin and scalp.

Showering has a clear effect on our skin, which can often be unpleasant or even harmful. Different soaps and gels are usually used and their residues stick to the skin pores, which can irritate the skin, and in combination with chlorine, water removes the skin's natural oils, making it dry and itchy. Similar effects apply to our scalp. In addition, the hygiene and aesthetics of our bathroom sets, spas and showers are also put to test. The eternal struggle with soap and shampoo residue and limescale results in additional unpleasant work and expenses for cleaners, which besides all, also have the negative impact to environment.





European Patent Office ([www.epo.org/](http://www.epo.org/)) EP3621925A1



[www.wipo.int/pct/de/](http://www.wipo.int/pct/de/) WO2018/207071 A1



EUIPO 018161396



DPMA 018161396



[www.uspto.gov/patent](http://www.uspto.gov/patent) US2020/0071216

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