

A tank that changes tap water into drinking water at normal temperature!

# Healthy and safety water **Live**



By photocatalytic reaction

Safe and secure water purification

Environmentally Friendly

**Low power consumption**

Porous ceramic filter

Improvement of purification efficiency

Clean water tank Live is purified using Japanese patent technology BP eraser. BP Eraser is a device that kills and decomposes bacteria, viruses, plankton, etc. by highly disinfecting ultraviolet light and photocatalysis. Furthermore, it can also decompose chemicals such as toxins and pesticides produced by bacteria. Moreover, photocatalysis reacts only to the touch, so it can be used safely and safely as drinking water.

Water purification tank Live can be selected from 10L to 100L depending on usage.

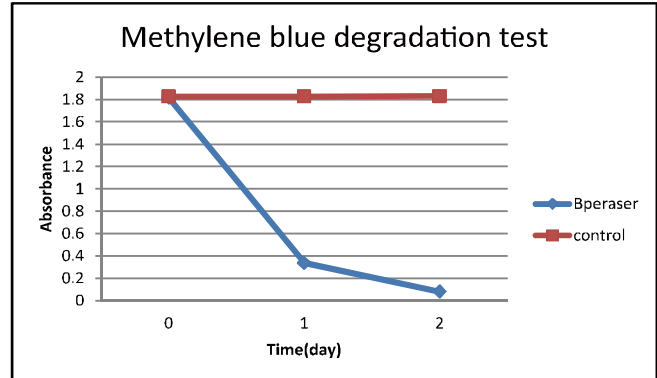
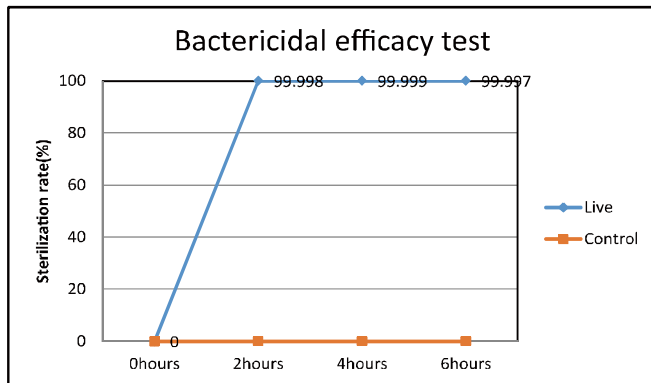
*Nature*

## ◇ Structure of water purifier Live

Photocatalysis is a physicochemical change that occurs when  $\text{TiO}_2$  is irradiated with ultraviolet light. When photocatalysis occurs, oxygen becomes a highly reactive reactive oxygen species. The reactive oxygen species include atomic oxygen that can oxidize carbon monoxide even at low temperatures, so most organic matter can be decomposed to carbon dioxide and water. Although there is such decomposing power, since it is a catalytic reaction, reactive oxygen species do not remain in water. Therefore, it can be safely used for sterilization of drinking water and decomposition of chemical substances.

## ◇ Bactericidal effect of BP eraser and decomposition effect of chemicals

\* BP Eraser has been developed with grants from support organizations for the country and R & D companies.



Test conditions : Raw test conditions coliform number 665,000 (MPN / ml) Test water volume Live 100 L tank full (more than 100 L)

<Examination organization: Ube Frontier University Environmental Technology Development Center>

The number of coliforms decreased to one digit two hours after the start of the test. The sterilization rate is 99.99% or more, and a strong sterilization effect has been shown.

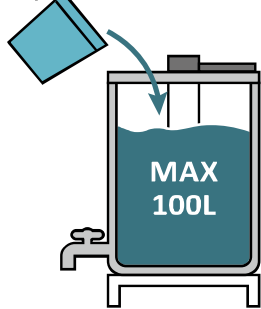
Test conditions BP eraser (type 1 short type used)

Test water volume 7 L (methylene blue · 10 mg / L aqueous solution)

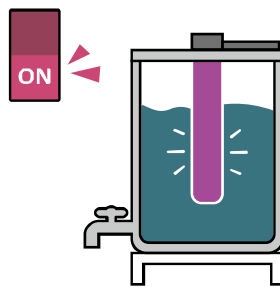
The Japan Industrial Standard (JIS R1703-2) and the Photocatalyst Industry Association have specified that the standards and performance standards of photocatalyst products should be evaluated by the wet decomposition performance test of methylene blue. 10 mg / L corresponds to about 30  $\mu$  mol / L, and a sufficient decomposition effect is observed.

## ◇ How to use

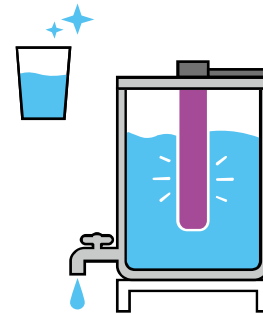
① Add filter bag and pour water.



② Water purification starts with the timer set.



③ Sanitary water completion.



specification  
power consumption : AC100V 20W

☆Pour chlorine in the reagent container and it will be completely

Manufacturer / seller

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