

# Hypochlorous acid water generator highly effective in removing bacteria and deodorizing

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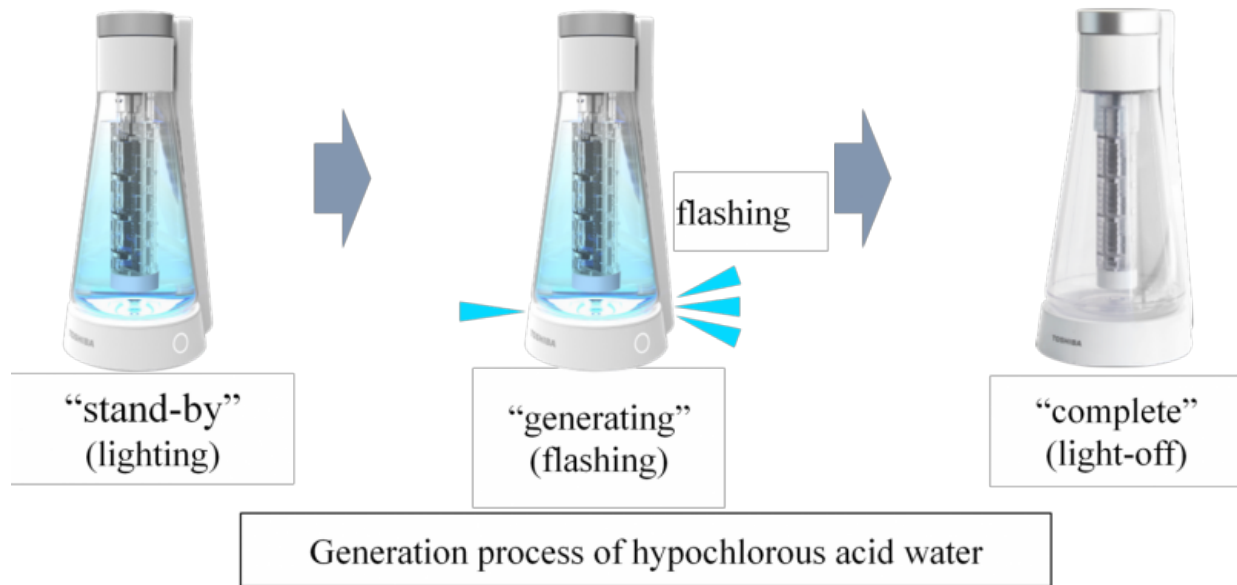


Electrolyzed Functional Water Generator (EWP-001)

Toshiba Corporation today announced the launch in the Japanese B2B market of EWP-001, a portable, desk-top electrolyzed functional water generator that produces hypochlorous acid water. At a time of increasing concern for hygiene in settings ranging from restaurants to healthcare facilities, EWP-001 produces a safe, low-cost anti-bacterial sterilizer and deodorizer that uses the same technology as industrial clean rooms. EWP-001 will be available from March 15.

Hypochlorous acid water is a safe, low cost alternative with high anti-bacterial and deodorizing properties. It is produced by electrolyze of water and salt, without any need of hazardous chemical materials, and is immediately effective against a wide range of bacteria and viruses, including influenza and noroviruses. It does not cause the rough skin that results from constant use of alcohol-based sterilizer, and is safe enough to be taken orally, in dental clinics for example, to use for washing food. Hypochlorous acid water is also very effective as a deodorant that counteracts the odors of ammonia and methyl mercaptan, both released by foodstuffs as they start to age.

Toshiba's EWP-001 is ideal for small to medium facilities. It is light, compact and portable, similar in size to an electric kettle at just over 30cm tall with a 13cm base, and can produce one liter of weak hypochlorous acid water in 3 minutes. An LED lamp shows its status: "stand-by", "generating" and "complete". It is expected to find a wide range of uses in hygiene management, including gargling and as a hand-wash in restaurants, the sterilization of food processing facilities, medical facilities, nursing homes and day-care centers, the sterilization and deodorization of equipment at sports clubs, hotels and pet shops. It is also expected to find use in agriculture and stockbreeding and in food processing facilities.



Sterilization of food



Hygiene management by gargle and hand wash



Deodorant and sterilization for equipment and mats



Deodorant and sterilization for toilet seat



Deodorant and sterilization of kitchen tools



Deodorant and sterilization of cage circle

## Provided by Toshiba Corporation News Releases

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