

Hand hygiene and infection control every time you wash...

The KIC TAP - Kona Infection Control Antimicrobial Tap - delivers ozonated water every time you wash, immediately eliminating bacteria, viruses, e.coli, staphylococcus aureus, candida albicans, legionella...

INFECTION
CONTROL ON TAP,
24 HOURS A DAY
FOR PENNIES
A DAY!



KONA INFECTION CONTROL TAP (KIC TAP)

- World 1st TGA registered Chemical Free Antimicrobial Sensor Faucet: Watermark approved, FDA Safety approved, SGS tested 10 second rinse with 99.99% kill rate.
- Antimicrobial water 24/7 on demand POU.
- Pre-rinsing & soaking surgical instruments prior to autoclave.
- Improved hand hygiene and safety: 99.99% kill rate with just a 10 sec rinse.
- Oxidise microbes and prevent biofilm colonising sinks and S-traps.
- Easy installation, low cost, chemical free infection prevention, Replace your existing tap with a KIC TAP!

Kona Infection Control – KIC TAP

Chemical FREE- Environmentally Safe and Effective Infection Control

Unlike ordinary taps KIC TAPS are the ONLY PATENTED scientifically proven, environmentally friendly, and easily installed ANTI-MICROBIAL TAPS featuring on-demand Aqueous Ozone Infection Control 24 HOURS A DAY which kills bacteria and viruses within seconds of contact and leaves no toxic chemicals or residue behind.

Ozone is about 50 times more powerful than chlorine and kills bacteria and viruses three times as fast, which means you get instant disinfection response with very low concentrations. The truly unique property of ozone is that it destroys biofilms.

Use in dentistry and healthcare

Topical use of ozonated water in dentistry leverages the antimicrobial and immune stimulating properties of Ozone. Ozonated water has been suggested as an alternative pre-procedural rinse to existing agents such as chlorhexidine and essential oils. Ozone in water can kill bacteria and other pathogenic microorganisms by rapidly rupturing their cell membranes (within several seconds). The same effects occur when dental plaque is exposed to ozonated water as a rinse. Ozonated water has no side-effects such as unpleasant taste or tooth staining, which are characteristic of other biocides or disinfecting agents.

Ozonated water can also be used as a sterile irrigation solution for surgery (as it enhances haemostasis), or as an antimicrobial mouth rinse following tooth extraction. Of interest, ozonated water when used as a daily mouth rinse has been reported to accelerate healing of oral mucosal wounds, particularly when used over the first 48 hours after surgery. The same benefits of accelerated wound closure may be seen when used in patients with oral ulcerations from chemotherapy. The greater speed of wound closure can be explained by the known positive effects of topical Ozone on enhancing local microcirculation. Known positive biological effects of Ozone include improved oxygenation of tissues, greater cell motility and accelerating of immune responses to bacteria. Accompanying these effects is an enhancement of natural antioxidant defense systems.

Ozone is known to stimulate the production of several key cytokines, including interleukins 2, 6, and 8 and transforming growth factor-beta and to attenuate the inflammation driven by bacterial lipopolysaccharides. Recent studies have shown that ozonated water as a mouth rinse can reduce gingivitis in orthodontic patients. As a topical agent, the use of ozonated water has an excellent safety profile as Ozone dissipates quickly as it is converted back to diatomic oxygen. Its use is well established in 16 countries, and there is an extensive supporting literature from the work of Bocci, Filippi and other investigators.

