Scotmas Group

Purify • Protect • Perform

ClO2 vs. Hydrogen Peroxide

Nothing removes biofilm better

The powerful action of Chlorine Dioxide effectively penetrates and removes biofilm build-up in your water pipework and drinkers, keeping them clean. Chlorine Dioxide targets compounds commonly found in bacterial cells, whereas Hydrogen Peroxide reacts with many more compounds which naturally occur in water.

To achieve the same disinfection impact will require much more Hydrogen Peroxide (50ppm) than Chlorine Dioxide (0.5ppm).

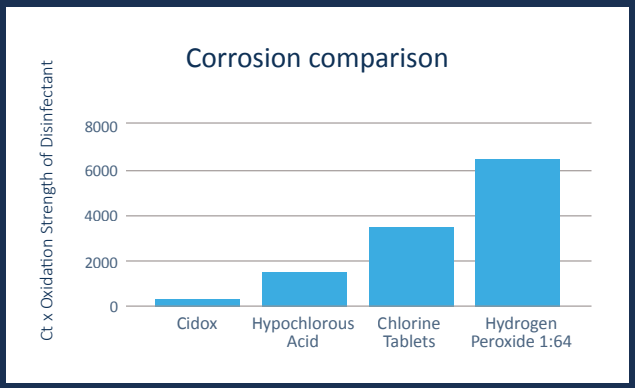
Interested?

Call: 01573 226901 or

Email: enquiries@scotmas.com

SAFE AND EASY TO USE

Scotmas provide an automatic package of equipment and water treatment chemicals, with no pre-dilution required. Pre-mixing Peroxide requires a H & S procedure and full PPE as it involves exposure to hazardous chemicals. Hydrogen Peroxide is classified as a Tier 2 Explosive Precursor under new European Regulations (above 12%w/w) and sites using the product require appropriate regulatory licensing.



Chlorine Dioxide is better targeted at biological matter, reducing the risk of corrosion and damage to pumps, pipework and drinker lines.

Scotmas have successfully applied ClO_2 in poultry drinking water systems for more than 30 years, and have the expertise and industry experience to apply the technology in diverse agricultural settings.

Scotmas Chlorine Dioxide Systems will:

- **Eliminate water borne bacteria** – maximising nutrient uptake and increasing food conversion.
- **Improve digestibility** - firmer droppings producing cleaner first class eggs and reduction in Ammonia content.
- **Reduce minor production drops** – less stress caused by bacterial challenges at peak production and close to depletion times.
- **Produce cleaner more palatable water** - removal of iron and manganese for improved water consumption.
- **Remove viruses transmissible vertically to the egg** - more stable egg content with minimal infection risk and improved shelf life.
- **Remove biofilm** - faster more effective response to supplements and elimination of the potential for resistant strain development.
- **Remove registration requirements** – no storage or audit requirements for handling and storage.

Chlorine Dioxide is 10 times more powerful than Hydrogen Peroxide – lower dose rates, less corrosive to metals, plastic pipes or rubber seals.

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