

Activ-Ox® - Poultry Chlorine Dioxide

Activ-Ox® is used in...

Hospitals

Hotels

Office blocks

Domestic water in buildings

Drinking water

Breweries

Dairies

Vegetable and salad washing

Chemical manufacture

Cooling water

Pools & Spas

Off-shore rigs

Poultry houses

Why Chlorine Dioxide?

**Powerful broad spectrum
biocide / disinfectant**

Legionella and biofilm control

**No bitter taste problems—
chicks known to back off from
chlorinated water**

Unaffected by pH or hardness

Drinking water approved

**Why Activ-Ox® Chlorine
Dioxide?**

Instant & Highest Yield (98%)

Treat a few litres to 1000's m³/day

No strong acids

Simple, safe and reliable

Easy to control and measure

**Compatible with existing
poultry ClO₂ dosing systems!**



Superior Chlorine Dioxide for Broiler Farms

Chlorine dioxide has been increasing in popularity over the last decade due to the many benefits highlighted in the left column; but not all chlorine dioxide products are made equal! Many sold to the poultry industry are plagued by poor chemistry and low activation yields. If you suspect this is the case where you are then get hold of a chlorine dioxide test kit from Feedwater or another supplier to test this theory for yourself. You will either find the yield is poor or that you are dosing at a much higher rate than you should have too. You can prove this if you are seeing high total oxidant rates (non-activated chlorite) and low free ClO₂. If that is the case you are paying for an ineffective product.

Activ-Ox is based on a radically different and patented chemistry which allows for INSTANT, high yield (98%) activation of ClO₂. You should expect to get what you pay for and any effective ClO₂ test kit will prove this too you.

We have seen from the market that our product is both cheaper up front and much more efficient in its reaction so that you pay less and get what you pay for.

Overleaf we offer two dosing systems, if you already have a tank based chlorine dioxide dosage system then Activ-Ox is compatible, you can contact us for full technical trial our product with evidence based results.

**Only £1
per batch**

entirely
guidance and to

Enquire for free technical guidance on your water treatment!

Testimonial—Norton Wood Farm, Market Drayton

Paul Parton of Norton Wood farm contacted Feedwater in early 2015 to enquire about Activ-Ox when he began to suspect that his current Chlorine Dioxide product was giving a poor reaction and degrading quickly. Paul operated several Broilers farms and was looking for a replacement chemical which would work with the simple dosing systems he already had in place. Paul was pleased to find that the Activ-Ox chemicals came in much cheaper than he was already paying and with the use of a chlorine dioxide test kit Paul could see the chemicals were giving an extremely good reaction & yield. Paul could also use the kit to test and tweak the dosage to ensure the right amount of ClO_2 was entering the distribution system, something he hadn't been able to do before.

Paul also requested a quote for a like for like dosing system for a new farm which had no current treatment, he was pleased to find Feedwater's quotation for an Activ-Ox "Lite" came out significantly more competitive than he had paid for similar set ups in the past.

Activ-Ox® Dosing Systems

ACTIV-OX® dosing systems have a number of unique design features which make them the safest, most controllable way of continuously dosing Chlorine Dioxide to a water system.

- Since ACTIV-OX® activates instantaneously, there is no need for mixing and dilution tanks, or reaction vessels containing large volumes of strong chlorine dioxide solutions.
- Activation takes place in a special reaction manifold which is integral to the system pipework, so there are no fragile injection tubes containing concentrated Chlorine Dioxide.
- No gas is produced, Chlorine Dioxide is only ever produced in solution, and only a few millilitres of concentrated solution are held within the manifold, so there is no hazard.
- The dosing pumps are controlled automatically and are normally initiated by an impulsing water meter to prevent under or overdosing.
- To prevent the inadvertent mixing of chemicals the dosing pumps are housed in separate lockable enclosures, the injection tubing is double-walled and the chemical drums are placed inside individual bunds with lids.
- A range of alarm options are available including chemical low level, dosing pump flow monitoring and chlorine dioxide monitoring.

Activ-Ox Lite

The Activ-Ox Lite dosing system was a response to the price sensitive nature of the industry and is based on the current systems being installed by companies established in the poultry market. The Lite is a very simple system which allows for the activation of the product in a tank, dosed by means of a water meter by a single pump. The system is a no thrills approach with the benefit of cost savings in the short term but the trade off of very few safety features.



Simple Monitoring

Water supplies and water distribution systems will have a chlorine dioxide demand, particularly if they already have an established biofilm on pipe work surfaces. Each Activ-Ox chlorine dioxide dosing system is supplied with a simple test kit to enable the residual chlorine dioxide to be tested at strategic locations. The dosage level is adjusted accordingly, to establish and maintain the required free chlorine dioxide residual throughout the treated system.

Activ-Ox 2000



✓	No storage of ClO_2	✗
✓	Enhanced safety features	✗
✓	Water meter driven	✓
✓	Chemical low level beacon	✗
✓	No chemical handling	✗
✓	Calculated dosing	✗
✓	Optional telemetric upgrade	✗

Activ-Ox Lite

