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The Water Treatment Products Company

Activ-Ox 3100 Dosing Unit

The Activ-Ox[®] 3100 Pro is a next generation chlorine dioxide dosing system which is the simple and safe way to provide the disinfecting power of chlorine dioxide to a wide range of water treatment applications and can treat up to 500m³ of water per day.

Safety First

- The dosing pumps are housed in separate enclosures.
- Double walled injection tubing – so no chance of a leak.
- Low hazard chemicals – no strong acids.
- Chemical low level alarm as standard.
- Chemical bund option for extra security.
- Mixing and reaction takes place in a special reinforced reaction manifold 'Tee' piece which is integral to the water flow.
- No gas is produced - ClO₂ is only ever produced in solution and then immediately diluted to the required concentration in the water stream being treated.
- No chance of overdosing – dosage is controlled automatically by impulsing water meter to prevent under or overdosing. (Other control options are available)
- Instant reaction - so no need for chemical mixing tanks or generator vessels containing high levels of hazardous chemicals.



More info overleaf

Optional Features

- Pump flow monitors - to alarm if a dosing pump fails to pump chemical when it should.
- Warning Beacon Visual Alarm for tank low level
- ClO₂ measurement probe system for continuous monitoring or direct control.
- FeedSafe fittings for drumless chemical transfer from delivery vehicle—no manual handling and no plastic waste.
- Inline non-return valves - to prevent syphoning when injecting into a tank or low pressure water line.
- Test kit - drop test kit for both total oxidant and free chlorine dioxide.
- Support legs to enable the unit to be free-standing rather than wall-mounted.



Specification

- Maximum operating pressure: 16 Bar
- Electrical requirement: 230V + or – 10%, 50Hz, single phase
- Chlorine Dioxide output: 0 – 80g/hr
- Intended Operational flow range: 0 – 500m³/day
- Intended dosage rate: 0.1 – 5.0 ppm ClO₂ (Higher levels possible)

Simple, Intuitive Control

