

## Activ-Ox 2100 Dosing Unit

The Activ-Ox<sup>®</sup> 2100 Eco 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 100m<sup>3</sup> of water per day.

### Safety First

- Instant reaction - so no need for chemical mixing tanks or generator vessels containing high levels of hazardous chemicals.
- Low hazard chemicals – no strong acids.
- Mixing and reaction takes place in a special reaction manifold which is integral to the water flow.
- No gas is produced - ClO<sub>2</sub> 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 available)
- The dosing pumps are housed in separate enclosures.
- Double walled injection tubing – so no chance of a leak.
- Different coloured chemical drums with male and female lids to prevent operator error.
- Chemical bund option for extra security.
- Chemical low level alarm as standard.

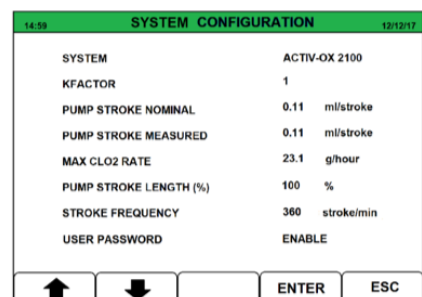
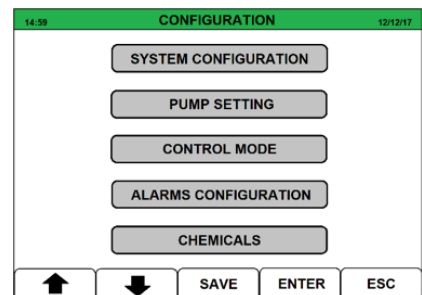
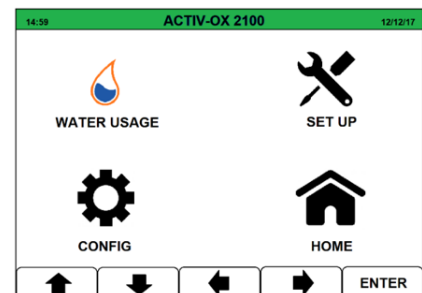
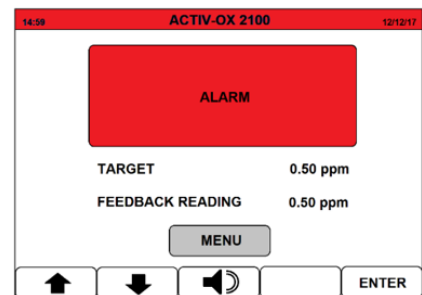
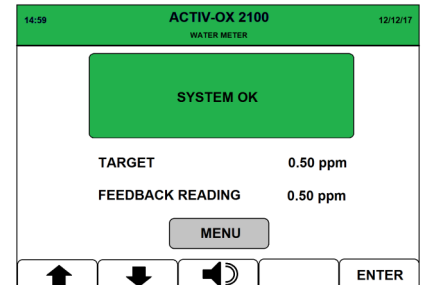


## Optional Features

- Pump flow monitors - to alarm if a dosing pump fails to pump chemical when it should.
- Warning Beacon Visual Alarm for tank low level
- ClO<sub>2</sub> 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.



## Simple, Intuitive Control



## Specification

- Maximum operating pressure: 10 Bar
- Electrical requirement: 230V + or – 10%, 50Hz, single phase
- Chlorine Dioxide output: 0 – 10g/hr
- Intended Operational flow range: 0 – 100m<sup>3</sup>/day
- Intended dosage rate: 0.1 – 5.0 ppm ClO<sub>2</sub>