

Chlorine Dioxide is a powerful oxidizing agent used for disinfection. It is used in a vast array of biocidal and oxidative applications. From deodorization to disinfection for consumer purposes to large manufacturing applications, chlorine dioxide's unique properties are ideal for solving microbial or compliance related goals. Possessing more powerful oxidizing capacity than chlorine, Chlorine Dioxide is effective over a wide pH range and provides rapid kill for a broad spectrum of organisms.

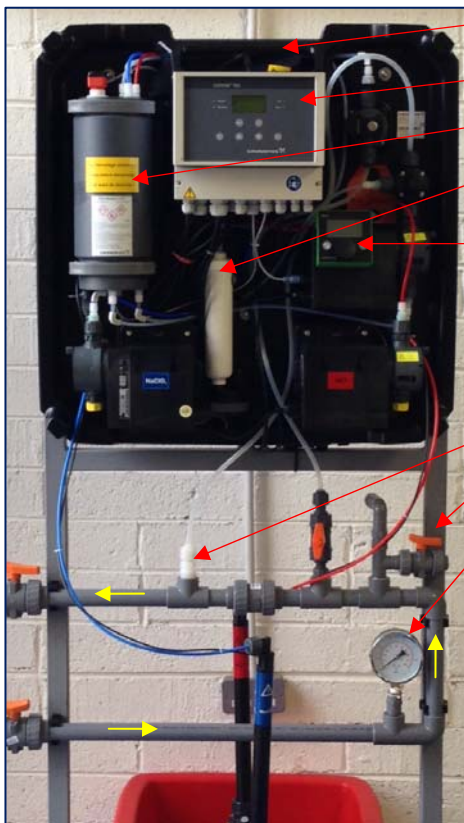
It is a yellow-green gas that has a pungent, chlorine-like odour. As a gas, it is very soluble with water. Due to its instability as a gas, it is not produced and transported in a gaseous state, but generated on site. Chlorine dioxide cannot be purchased commercially; it must be generated on site using specialist equipment. In water treatment applications, there are normally three raw materials: water, hydrochloric acid and sodium chlorite.

Our fully automated system generates chlorine dioxide on site in the safest manner possible because of its integral mixing and dilution chamber, gas expansion bladder and gas destruct filter. These in combination with our sealed method of production ensure our system is one of the safest on the market.

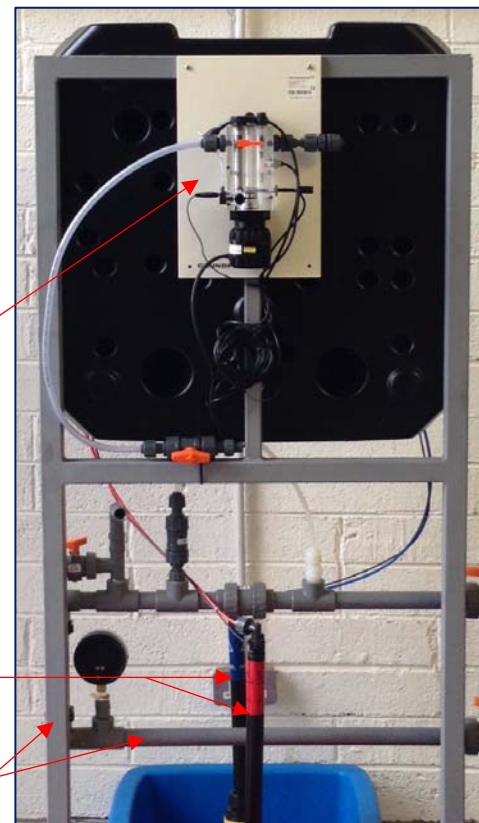
Our system has been designed to be the most effective chlorine dioxide generator and the simplest for operator use. Initial startup costs are high but operation and maintenance costs are much lower than competitor products as no softening, cartridges or regular maintenance is required. The precursor chemicals can be bought from all chemical suppliers meaning long term operation of our chlorine dioxide generation is cheap.

We offer our systems as stand alone or skid mounted plug & play systems. The skid mounted systems (photographed) are most popular due to the fact all pipework, connections, cables and injectors are pre-built in our Dublin stores. The unit can be simply disconnected and moved to another location if required.

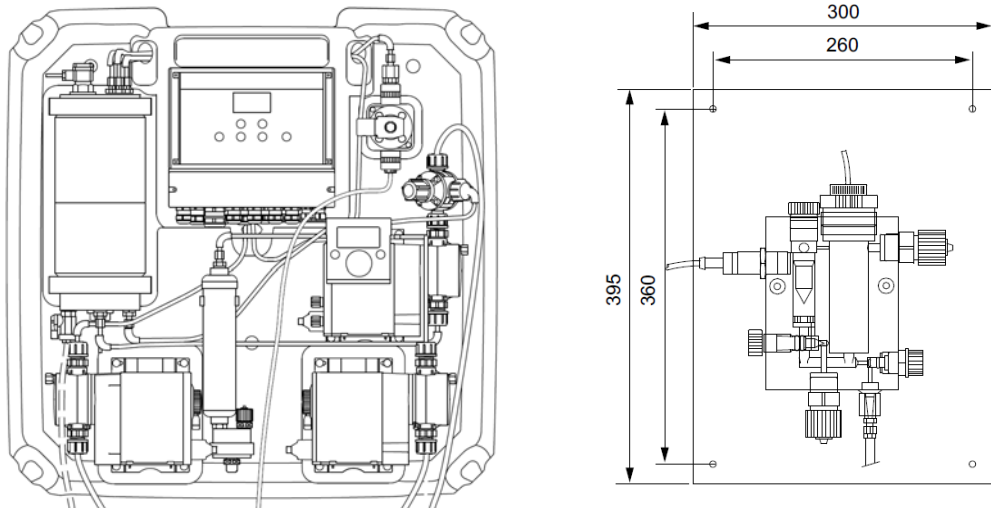
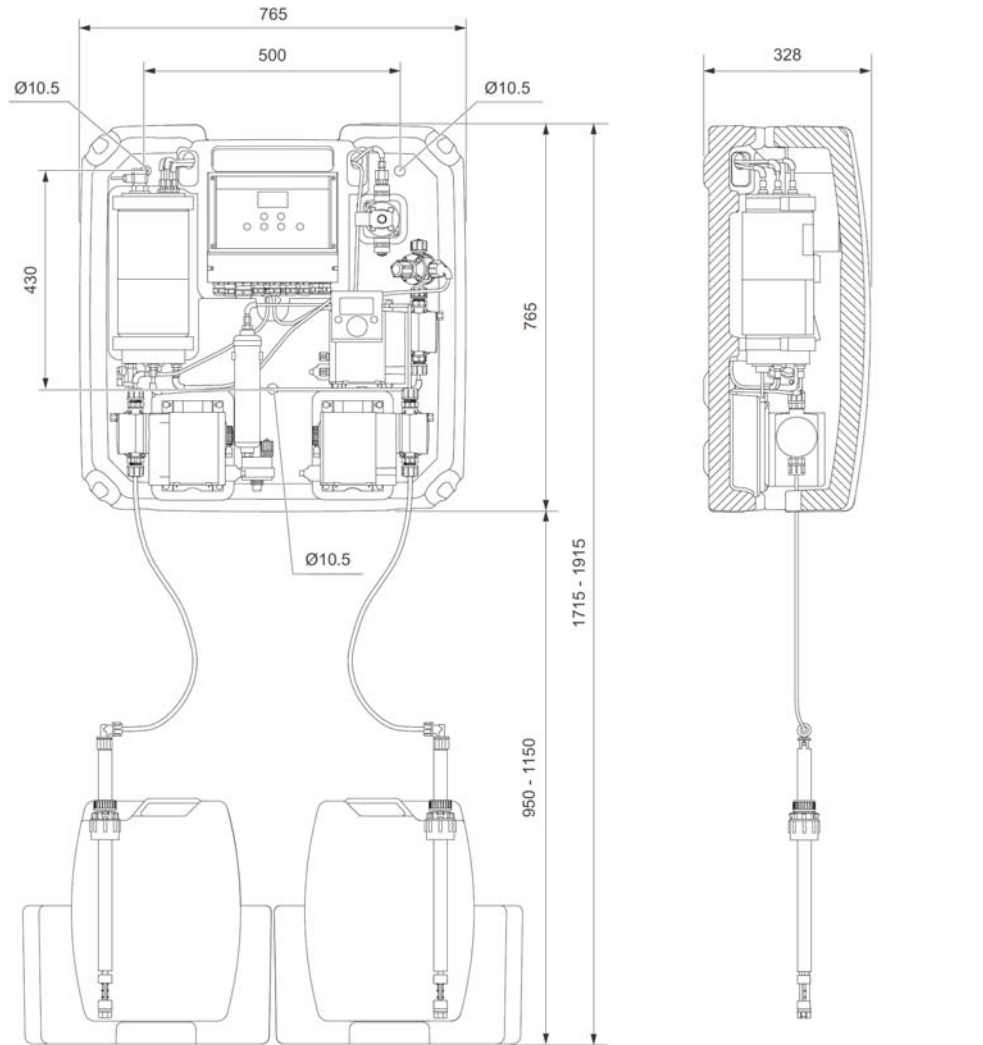
We offer complete after sales support, call outs, parts, maintenance and training. We are available to our clients at any time.



- Safety Expansion Bladder
- Chlorine Dioxide Controller
- Mixing & Dilution Chamber
- Safety Gas Destruct Filter
- CLO2 Dosing Pump
- CLO2 continuous monitoring probe, temperature sensor, flow sensor, safety shut off and auto cleaning motor for probe.
- Chlorine Dioxide Injection Point
- Sample Point
- Pressure Gauge
- Chemical suction lances include high / low levels switches, and drum lock system to prevent spills. Lances and bunds are colour coded to prevent confusion.
- Optional steel skid and flow set.



DRAWINGS & DIMENSIONS:



CHLORINE DIOXIDE