

Scotmas Group

Purify • Protect • Perform

Scotmas

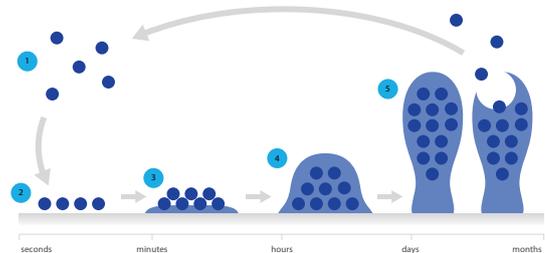
Healthcare & Building Services

Water Treatment Solutions

**Proven, Compliant Protection
from Dangerous Bacteria**

Chlorine Dioxide

- Fast acting legionella and psuedomonas control
- Measurable residual values to ensure patient and employee safety
- Proven activity against biofilms which can harbour dangerous bacteria
- Low dose rates ensure no chemical taints or odours



Safety by Design

- Most advanced dosing equipment incorporating multiple safety systems and audit compliant features
- Designed to meet the demands of large Healthcare and Building Services sites
- Unique 360° water jacketed generator, providing a fail-safe to protect the environment and the operator
- Chemical generated at point of injection into the water line, resulting in no external storage of activated ClO_2



InSite

- State of the art web based performance monitoring tool
- Instant reporting of water consumption across each dosing point
- Detailed measurement of key ClO_2 residual, pH and temperature



Scotmas Healthcare & Building Services

Approved Technology



- All systems are compliant with water fittings regulations
- HTM04-01 and WSP compliant
- LCA accredited
- Meets DWI requirements
- ISO9001, ISO14001, ISO18001 and Safe Contractor approved

Technical Service & Support



- Nationwide coverage by highly skilled engineers with on-site technical support
- Centralised customer service with next day delivery for parts and chemicals
- Professional team of Microbiologists, Chemists, Design Engineers and fully validated water treatment specialists
- Full service tailored packages available

Cidox Tablets



- The easiest to use Chlorine Dioxide disinfectant for Disinfection on Demand
- Works in challenging conditions against bacteria, fungi and spores
- No up-front investment in dosing equipment or messy mixing of powders or liquids
- Powerful action targets biocide where it is needed most



Chlorine Dioxide Leads the Way in Eradicating Legionella Pneumophila and Pseudomonas

Ever increasing pressures on hospital estates departments to maintain compliance with the requirements of HTM04-01 and Water Safety Plans have led many Estates Managers and Authorising Engineers to reconsider their secondary control measures, to combat the threat of Legionella and Pseudomonas positives in routine water samples.

The Challenge

As the requirements of Water Safety Plans begin to take hold within the healthcare sector, the quantity and frequency of routine bacteriological sampling has increased significantly across the healthcare estate. This increased sampling has led to a greater number of positive readings being detected, forcing Estates Departments to carry out disruptive and costly remedial actions. With increasing focus on “critical care” areas such as renal, neonatal and burns units, there is also a recognition that it is almost impossible to isolate and treat one part of the hospital water network differently to the entire site.

Whilst most Healthcare Premises in the UK will already operate a means of secondary control of bacteria in the hot water system (over and above the thermal control mandated by L8), there is now acceptance within many Water Safety Plans that pseudomonas in the cold water system or at mixer taps can present an equal or greater risk of nosocomial infection in patients.

The Solution

The Scotmas Bravo system combines the power of Chlorine Dioxide (a UK Drinking Water Inspectorate approved biocide), as well as state of the art monitoring and compliance logging features to provide the ideal solution for healthcare estates to satisfy the requirements of Care Quality Commission audits.

Installed and supported by a multidisciplinary team of experts in Chlorine Dioxide technologies, the Scotmas Bravo system offers far more than simple biocide dosing. Its advanced monitoring and control features allow the dose rate to be altered in line with peak demands and changes in water condition; making it fully responsive to any increased demands.

Day to day management of the system is easy, and system performance is monitored off-site by Scotmas, ensuring a proactive and rapid response to any maintenance requirements.

The Results

Since converting to the Scotmas Bravo system, major NHS Trusts have reported reductions in the number of Legionella and Pseudomonas counts of up to 98%.

The requirement for extensive manual sampling has been eliminated. In demanding conditions, the Scotmas Bravo removed and suppressed the further growth of Legionella and Pseudomonas in both the hot and cold water systems, even in the presence of scale and existing biofouling.

Chlorine Dioxide from the Scotmas Bravo system offers a proven and reliable means of controlling dangerous bacterial infection for safe drinking water, whilst maintaining all the required audit compliance logs needed to satisfy regulations within the sector.

Scotmas Chlorine Dioxide Systems are now the technology of choice in NHS Trusts across the UK, installed in over 70 NHS sites.



Scotmas Group are world leading manufacturers of Chlorine Dioxide products and dosing systems. Scotmas were the first Company to produce simple, easy to use Chlorine Dioxide products and equipment. With over 30 years' experience, our friendly and approachable team of chemists, microbiologists, engineers and project managers are able to provide "off the shelf" products or a complete turnkey service.

Choose Scotmas for expertise in Chlorine Dioxide solutions.

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Use biocides safely. Always read the label and product information before use.