



B & V  
Chemicals

# Introducing GENOX

- In-use for 8+ years
- Direct current electrolysis of brine (sodium chloride) generates a pure oxidant NEUTHOX® on demand
  - Direct injection in to your water system
  - No chemicals or associated storage / handling
    - Fully Article 95 compliant
- Biocidal Product regulation approved for portable and process water
  - Drinking Water Inspectorate approved
  - WRAS (Water Regulations Advisory Scheme) approved
    - NHS approved

System	Function
Complete control within a cabinet	Local control, regulation and monitoring
Water Softener	Removing calcium from process water to produce NEUTHOX®
ORP Sensor	Measurement of the ORP (Oxidisation Reduction Potential)
Salt Container	33L sodium chloride container and brine process solution
NEUTHOX® storage tank	33L storage tank provides a reserve of disinfection solution
Dosing Pump	Dosing of NEUTHOX® into the water system
Membrane cell	Production of NEUTHOX® disinfection liquid
Injector device	To inject NEUTHOX® in to the water system
External communication	Ethernet, Modbus or GSM

## ULTRALOX® compared with NEUTHOX®

	ULTRALOX®	NEUTHOX®
Chemical	✓	-
Non-Chemical	-	✓
Manual Handling	✓	-
Disinfection System	✓	✓
Secondary Disinfection System	✓	✓
NHS Approved	✓	✓
<20m³	✓	✓ T05N
>30m³	-	✓ T10N
>40m³	-	✓ T15N
>125-400m³	-	✓ T20N
Horticultural	-	✓

## Benefits

Highly reliable, efficient, environmentally friendly biocide alternative to Chlorine Dioxide. Available as retrofit, permanent or hired solution. Finance is available to spread installation expenditure across 1-5 years. Useful for larger site water applications and in critical applications (hospitals etc). No chemicals. No chemical handling. No transport or storage of hazardous products. Improved health and safety.

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