

**Scotmas Group**

Purify • Protect • Perform

# Scotmas Bravo WA™

Simple, Safe Proportional  
In-Line ClO<sub>2</sub> Dosing

**CLEAN WATER TECHNOLOGY**

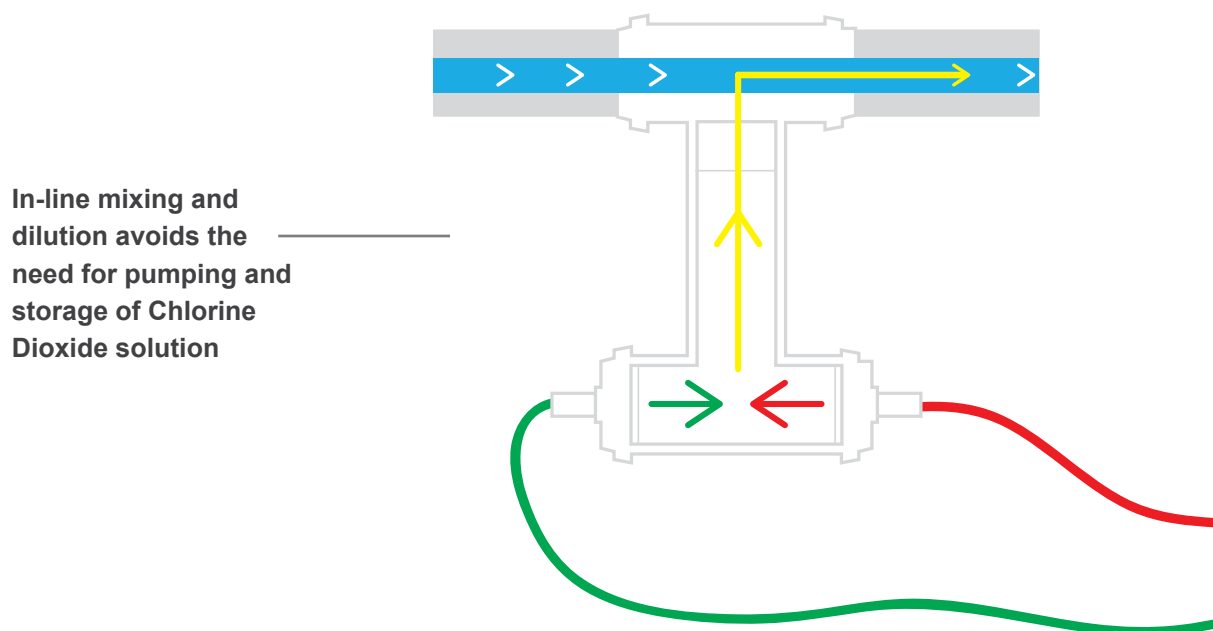


# Bravo WA™

## Simple, Safe Proportional In-Line ClO<sub>2</sub> Dosing

The Bravo WA™ is designed to generate and deliver Chlorine Dioxide directly within the water pipework itself. Available to fit water pipework between ½” to 6” and water demands of between 1,000 and 500,000 litres per hour, the Bravo WA™ offers an optimal blend of safety and efficiency to any process requiring the biocidal power of Chlorine Dioxide.

The unique in-line reaction chamber provided at the heart of the Bravo WA™ has been designed and developed by Scotmas since 1999. This unique approach ensures that Chlorine Dioxide is generated efficiently and safely within the water pipework itself; there is no storage or pumping of potentially hazardous “free” Chlorine Dioxide solutions. The double jacketed design of the Bravo reaction chamber ensures that even in the event of catastrophic physical damage to the reactor, there is minimal risk of leakage of concentrated Chlorine Dioxide solution into the atmosphere.




The Bravo WA™ is microprocessor controlled, and offers the ability to dose Chlorine Dioxide directly in proportion to the signals from an industry standard pulsed water meter. A variety of alarm inputs are provided, allowing for dosing to be started or stopped in response to alarm signals from customer processes, timers or stand-alone batch controllers.

The Bravo WA™ can also interface directly with a wide range of Chlorine Dioxide specific monitoring systems, such as our Sentinel Guard™, which directly monitors the residuals of Chlorine Dioxide and chlorite within the water system. Sentinel Guard™ can provide a signal to cut-off the dosing if higher than expected residuals are achieved.

An optional, detachable 7" touchscreen is available, allowing for easy programming and site viewing of stored datalogs, alarms and hourly water consumption figures.

2 digital outputs and 2 relay outputs are fitted as standard, to provide for external measure to BMS systems and plant room audio / visual alarms.

The flexibility of the Bravo WA™ system allows it to be configured for most building services or light industrial applications, and the safety and ease of use of the reactor system makes it an ideal alternative to traditional Chlorine Dioxide generators.

MODELS Line size / Grams per Hour ClO <sub>2</sub>	CAPACITY	CONTROL OPTIONS		DELIVERY OPTIONS	
		 Proportional with high level cut off	 Manual / Batch Dosing	 In-Line	 In-Tank
<b>WA 2/15</b>	Up to 2" diameter water pipe, up to 15,000 l/hr water treated @ 1mg/l ClO <sub>2</sub>	✓	✓	✓	✓
<b>WA 2/50</b>	Up to 2" diameter water pipe, up to 50,000 l/hr water treated @ 1mg/l ClO <sub>2</sub>	✓	✓	✓	✓
<b>WA 4/80</b>	Up to 4" diameter water pipe, up to 80,000 l/hr water treated @ 1mg/l ClO <sub>2</sub>	✓	✓	✓	✓
<b>WA 4/210</b>	Up to 4" diameter water pipe, up to 210,000 l/hr water treated @ 1mg/l ClO <sub>2</sub>	✓	✓	✓	✓
<b>WA 6/500</b>	Up to 6" diameter water pipe, up to 500,000 l/hr water treated @ 1mg/l ClO <sub>2</sub>	✓	✓	✓	✓

**Typical Applications:** Building Services, Food Industry, Agriculture, Light Industrial, Bore Hole Treatment, Wastewater Treatment



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.

## Scotmas Group

Purify • Protect • Perform

Spylaw Road, Kelso, Scottish Borders, Scotland, TD5 8DL  
Tel: +44 (0)1573 227307 E-mail: [enquiries@scotmas.com](mailto:enquiries@scotmas.com)  
[www.scotmas.com](http://www.scotmas.com)

v.1

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