

ChlordioXense

New - Unique Sensor Technology

The new ChlordioXense builds on the success of the ChloroSense and uses similar sensor technology to measure chlorine dioxide.

The Palintest ChlordioXense is a precision instrument that offers a simple, rapid, reagent-free method of analysing water for chlorine dioxide, removing almost all sources of technique dependence.

Features

- Simple and easy to use
- Avoids issues that occur with colorimetric methods
- Wide test range, accurate from 0.02 - 50 mg/l
- Temperature sample up to 40°C

Technical Specifications

Instrument Type	Fixed voltage potentiostat
Display	Backlit, graphical LCD (42 x 22 mm), with options and direct-reading of results in mg/l
User Selectable Options	Set time and date, date format, display, reset sample number and temperature units
Data Logging	Stores 500 previous readings and offers prompts when almost full
Interface	Waterproof USB connection to PC
Power	4 x 1.5v 'AA' alkaline batteries. Battery power saving system with auto switch-off after 5 minutes. Powered via USB port when connected to computer
Size	Instrument only 170 x 126 x 116 mm
Weight	975g



Kit Contents

- Instrument
- Instructions
- Soft carry case
- Interference Suppressant
- 100 Sensors
- Cleaning Sticks

Ordering Information

- CS 300 - ChlordioXense Instrument with Pack of 100 Sensors
- CDX 310 - Pack of 100 Replacement ChlordioXense Sensors
- CDX 350 - Pack of 500 Replacement ChlordioXense Sensors
- CS 190 - Chlordiox Check Standards Kit

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System Performance Characteristics

	Chlorine Dioxide	Temperature
Analysis Time	< 1 minute	< 1 minute
Precision Range	0.02 – 50 mg/l	0 – 100°C
Resolution	0.01 up to 10 mg/ 0.1 mg/l thereafter	0.1°C
Precision @ 12°C	≤5% CV @ 1.00	0.5°C
Limit of Detection	0.02mg/l	N/A



Applications

Drinking Water



Food Processing



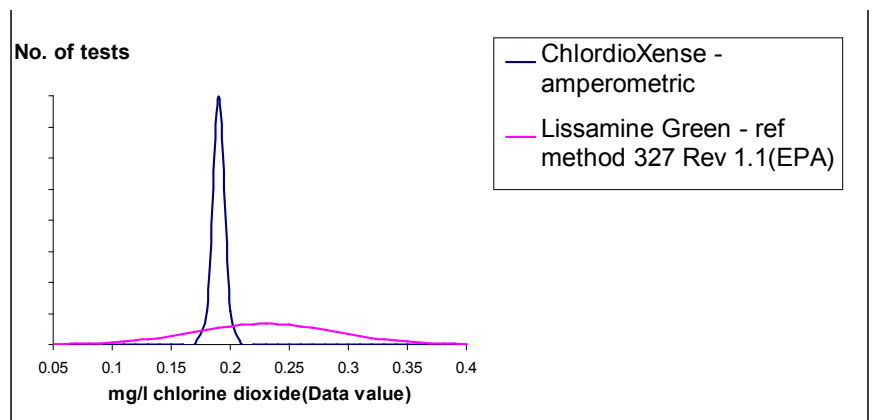
Building Services

Paper Mills

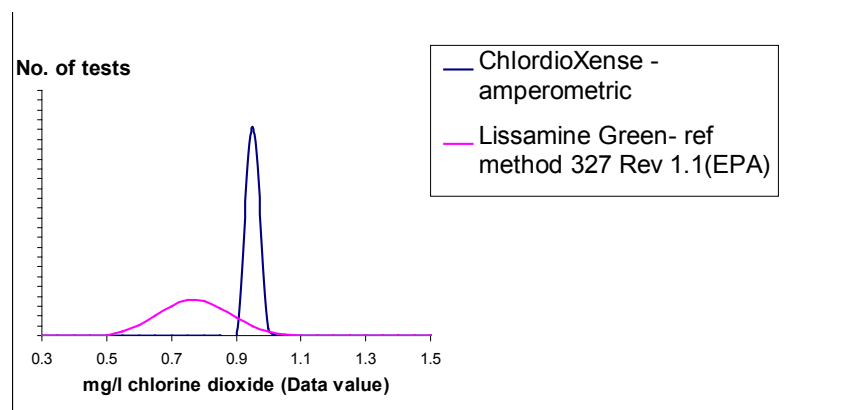
TIO - Organic Root Crop Specialists
 Sophie Hogg
 (Technical Manager)

“Palintest were able to offer us the ChlordioXense to trial and we have been delighted with it. The unit is so quick and easy to use no matter how cloudy the sample.”

Probability Distribution of Chlorine Dioxide results (at 0.20 mg/l) with differing methods



Probability Density of Chlorine Dioxide results (at 0.99 mg/l) with differing methods



Scotmas - Chemical Dosing Systems Manufacturer
 Alistair Cameron (Technical Director)

“The main advantage we see is with ease of use. Results are easy to obtain, consistent and accurate. The days of getting a different result from a different DPD meter due to scratched vials and debris in the water are over!”