

Precision hand-held Chlorine Dioxide measurement

## CHLORDIOX-DUO

Although Chlorine Dioxide has become more and more important as a biocide and sterilisation chemical in recent years, the methods available to monitor ClO<sub>2</sub> levels in water have been slow, inaccurate, or have needed a skilled analyst to provide correct answers.

Now the Palintest Chlordiox-Duo Dual Range meter provides a fast and easy way to get accurate measurements of ClO<sub>2</sub> at levels from 0.1 mg/l to 20 mg/l without all the problems of conventional methods.

Based on well proven published chemical methods, the new Chlorine Dioxide test is specific and sensitive. There is no interference from Chlorine, Chlorite, Hydrogen Peroxide, Manganese or other oxidizing species. This makes testing simple and definite – the Chlordiox-Duo is direct reading with no calculations to perform, it reads out directly in mg/l ClO<sub>2</sub>. A single test can be completed in just 1 minute.

The instrument is equally suitable for bench use in laboratories or for field use by sampling engineers or contractors. The Chlordiox-Duo is supplied in a soft carry pouch with a belt loop for maximum portability, or with an optional hard carry case for added convenience. The kit comes complete with test tubes, reagents and full operating instructions.

### MEETING QUALITY STANDARDS

The Palintest Chlordiox-Duo is supplied with a test certificate confirming conformance to calibration standards. Certified check standards are available as an optional extra. A recalibration service is available to assist customers in meeting DWI guidelines and internal quality assurance procedures. Please contact us for more information on this service.

### ORDERING INFORMATION

- PT 180 **Chlordiox-Duo in soft carry pouch**
- PT 186 **Check Standards with Test Certificate**
- PT 238 **Optional Hard Carry Case**
- PM 064 **Chlordiox LR Reagents starter pack (50 tests)**
- PM 065 **Chlordiox HR Reagents starter pack (50 tests)**
- AP 064 **Chlordiox LR Reagents replacement pack (250 tests)**
- AP 065 **Chlordiox HR Reagents replacement pack (250 tests)**



### Technical Specifications

<b>Instrument Type</b>	Pulsed LED colorimeter pre-programmed for direct reading
<b>Optics</b>	Integral focused optics with pulsed blue LED
<b>Operation</b>	Two button
<b>Range</b>	0 - 2.5 mg/l (using LR reagents) and 2.5 - 20 mg/l (using HR reagents)
<b>Blank/Zero setting</b>	Optionally held in memory or reset for each reading
<b>Internal calibration</b>	Factory set 5-point calibration - recalibration through internal software
<b>Instrument case</b>	Splash proof case with membrane keypad
<b>Temp range</b>	0 to 50°C
<b>Power supply</b>	2 x 1.5v batteries (included). Power management system with automatic switch-off
<b>Battery life</b>	Approximately 20,000 readings
<b>Size</b>	Pocket sized: 173 x 75/44 x 41 mm

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